

Technická univerzita v Košiciach
Prehľad publikačnej činnosti vrátane ohlasov
Autor: VILČEKOVÁ, Silvia
Dátum generovania výstupu: 25. 10. 2019, 11:21:27

Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)

Počet záznamov: 4

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (1)

AAB - Vedecké monografie vydané v domácich vydavateľstvách (2)

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)

Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)

Počet záznamov: 9

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (4)

BAB - Odborné monografie vydané v domácich vydavateľstvách (2)

BCI - Skriptá a učebné texty (3)

Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)

Počet záznamov: 10

ADC - Vedecké práce v zahraničných karentovaných časopisoch (10)

Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)

Počet záznamov: 274

ACD - Kapitoly vo vysokoškolských učebniciach vydaných v domácich vydavateľstvách (4)

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (25)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (18)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (5)

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (23)

AFA - Publikované pozvané príspevky na zahraničných vedeckých konferenciách (3)

AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách (8)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (118)

AFD - Publikované príspevky na domácich vedeckých konferenciách (50)

AFG - Abstrakty príspevkov zo zahraničných konferencií (1)

AFH - Abstrakty príspevkov z domácich konferencií (2)

BCK - Kapitoly v učebniciach a učebných textoch (2)

BDF - Odborné práce v domácich nekarentovaných časopisoch (13)

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...) (2)

Skupina N - Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)

Počet záznamov: 6

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (6)

Skupina D - Ostatné - mimo kategórií MŠSR

Počet záznamov: 4

AEF - Vedecké práce v domácich nerecenzovaných vedeckých zborníkoch, monografiách (1)

DAI - Dizertačné a habilitačné práce (2)

GHG - Práce zverejnené na internete (1)

Počet záznamov spolu: 307

Menný zoznam publikácií:

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách(1)

AAA001 [129977] **Building environmental assessment system in Slovakia** / Eva Krídlová Burdová, Silvia Vilčeková - [1. vyd.] - Saarbrücken : LAP LAMBERT Academic Publishing - 2013. - 114 p.. - ISBN 978-3-659-31723-1.

[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2013 [4] RIMBALOVÁ, Jarmila The determination of weights of key performance indicators of facility management In: Young Scientist 2013: The 5th PhD. Student Conference of Civil Engineering and Architecture : proceedings : Herľany, April 10-12, 2013 ISBN: 978-80-553-1305-4

2013 [3] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Slovak fly ash as cement substitution in the concrete road pavements 99 p. ISBN: 978-3-659-51273-5

2014 [4] VACLAVIK, Vojtech, ONDOVÁ, Marcela Life cycle assessment of plain concrete based on steel slag 78 s. ISBN: 978-80-553-1851-6

AAB - Vedecké monografie vydané v domácich vydavateľstvách(2)

AAB001 [94285] **Environmentálne hodnotenie budov** / Silvia Vilčeková, Eva Krídlová Burdová - 1. vyd - Košice : TU, SvF - 2010. - 138 s. [CD-ROM]. - ISBN 978-80-553-0361-1.

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

Ohlasy:

2011 [3] ZELENÁKOVÁ, Martina, ZVIJÁKOVÁ, Lenka Impact Assessment of civil engineering research: Context and state of the art In: Journal of Landscape Management Vol. 2, no. 2 (2011), p. 13-20 ISSN: 1804-2821

2012 [3] ONDOVA, M., STEVULOVA, N. A study of using of fly ash substitutes for Portland cement in concrete road In: Visions for the Future of Housing : Mega Cities : proceedings of the 38th IAHS World Congress : Istanbul, Turkey P. 437-444 ISBN: 978-975-561-417-5

2012 [3] ČULÁKOVÁ, M., ŠENITKOVÁ, I. Multicriterial analyze of building constructions and assessment of green wood-framed house In: Bulding Sustainability Assessment 2012: Proceedings of the 1st International Conference on Building Sustainability Assessment : 23. - 25. may 2012, Porto, Portugal P. 551-560 ISBN: 978-989-95671-7-7

2012 [3] ONDOVA, Marcela, STEVULOVA, N., ESTOKOVA, A. The study of the properties of fly ash based concrete composites with various chemical admixtures In: Engineering Procedia Vol. 42 (2012), p. 2044-2054 ISSN: 1877-7058

2012 [3] ONDOVÁ, M., ŠTEVULOVÁ, N., EŠTOKOVÁ, A. The Study of the Properties of Fly Ash Based Concrete Composites with Various Chemical Admixtures In: Procedia Engineering Vol. 42 (2012), p. 2044–2054 ISSN: 1877-7058

2012 [1] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Benefits of Fly Ash Utilization in Concrete Road Cover In: Theoretical Foundations of Chemical Engineering Vol. 46, no. 6 (2012), p. 713-718 ISSN: 0040-5795

2013 [3] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Slovak fly ash as cement substitution in the concrete road pavements 99 p. ISBN: 978-3-659-51273-5

2014 [1] FLIMEL, Marián Vibro-accoustic Comfort Assessment Methodology of Residential Buildings in Urban Environment In: Advanced Materials Research Vol. 1041 (2014), p. 428-431 ISSN: 1662-8985

2014 [4] FLIMEL, Marián Hodnotenie hlukovej záťaže v životnom prostredí : Hlukové štúdie a vibro-akustická certifikácia bytových domov 81 p. ISBN: 978-80-553-1883-7

2014 [4] Trnavský samosprávny kraj Štúdia legislatívy a noriem In: Projekt CEC5: Ukážka energetickej efektívnosti a využívania obnoviteľných zdrojov energie na príklade verejných budov 3sCE412P3 [online] 30 s.

AAB002 [188965] **Výskyt organických zlúčenín vo vnútornom prostredí budov** / Ľudmila Mečiarová, Silvia Vilčeková, Eva Krídlová Burdová - 1. vyd - Košice : TU, Stavebná fakulta - 2017. - 195 s.. - ISBN 978-80-553-2882-9.

[MEČIAROVÁ, Ľudmila (40%) - VILČEKOVÁ, Silvia (35%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách(1)

ABC001 [112530] **Indoor Nitrogen Oxides** / Silvia Vilčeková - 2011.In: Advanced air pollution. - Rijeka : InTech, 2011 P. 31-50, [1,33 AH]. - ISBN 978-953-307-511-2

[VILČEKOVÁ, Silvia (100%)]

Ohlasy:

2015 [3] SHIMIZU, Kazuo Indoor air Quality Improvement Using Atmospheric Plasma : Chapter 21 In: Current Air Quality Issues 654 p ISBN: 978-953-51-2180-0

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(4)

ACB001 [80419] **Fyzika prostredia** / Silvia Vilčeková - 1. vyd - Košice : SvF TU, - 2008. - 106 s. - ISBN 978-80-553-0131-0.

[VILČEKOVÁ, Silvia (100%)]

ACB002 [111857] **Budovy a prostredie** / Ingrid Šenitková, Silvia Vilčeková, Marcela Ondová - Košice : TU, SvF - 2011. - 165 s.. - ISBN 978-80-553-0668-1.

[ŠENITKOVÁ, Ingrid (34%) - VILČEKOVÁ, Silvia (33%) - ONDOVÁ, Marcela (33%)]

ACB003 [152028] **Nízkoenergetická, zelená, udržateľná budova - klíma - energia** / Boris Bielek ... [et al.] - 1. vyd - Bratislava : STU - 2014. - 602 s.. - ISBN 978-80-227-4185-9.

[BIELEK, Boris (10%) - BIELEK, Milan (10%) - VRANAY, František (10%) - LUKÁŠIK, Dušan (10%) - VRANAYOVÁ, Zuzana (10%) - VILČEKOVÁ, Silvia (10%) - EHRENWALD, Pavel (10%) - HÍREŠ, Juraj (10%) - MAJSNIAR, Vladimír (10%) - MIKUŠOVÁ, Miroslava (10%)]

ACB004 [200728] **Tvorba budov a prostredia** / Silvia Vilčeková, Eva Krídlová Burdová, Ľudmila Mečiarová - 1. vyd. - Košice : Technická univerzita v Košiciach - 2018. - 110 s. [CD-ROM]. - ISBN 978-80-553-3035-8.

[VILČEKOVÁ, Silvia (34%) - KRÍDLOVÁ BURDOVÁ, Eva (33%) - MEČIAROVÁ, Ľudmila (33%)]

ACD - Kapitoly vo vysokoškolských učebniciach vydaných v domácich vydavateľstvách(4)

ACD001 [126601] **Systém posudzovania udržateľnosti budov na Slovensku** / Silvia Vilčeková, Eva Krídlová Burdová - 2012.In: Správca budov. - Košice : Vydavateľstvo odborných časopisov, 2012 S. 171-184 [1,06 AH]. - ISBN 978-80-970917-0-5

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ACD002 [147967] **Sustainability assessment of buildings in the world** / Silvia Vilčeková, Eva Krídlová Burdová - 2014.In: Design concept of energy efficient building : International university textbook. - Košice : TU, 2014 S. 151-175. - ISBN 978-80-553-1721-2

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ACD003 [147968] **7. Sustainability assessment of buildings in Slovakia** / Silvia Vilcekova, Eva

Křídlová Burdová - 2014. In: Design concept of energy efficient building. - Košice : TU, 2014 S. 177-204. - ISBN 978-80-553-1721-2
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ACD004 [175167] **11. Ochrana vnútorného prostredia budov** / Silvia Vilčeková, Eva Křídlová Burdová - druhé prepracované vydanie - Košice : V.O.Č. Slovakia - 2016. - S. 179-197 [2,05 AH]. - ISBN 978-80-970917-6-7. In: Správca budov. - Košice : V. O. Č. Slovakia, 2016, - ISBN 9788097091767 S. 179-197 [2,05 AH]. - ISBN 978-80-970917-6-7
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ADC - Vedecké práce v zahraničných karentovaných časopisoch(10)

ADC001 [159662] **Analysis of material solutions for design of construction details of foundation, wall and floor for energy and environmental impacts** / Anna Sedláková, Silvia Vilčeková, Eva Křídlová Burdová - 2015. In: Clean Technologies and Environmental Policy. Vol. 17, no. 5 (2015), p. 1323-1332. - ISSN 1618-9558 Spôsob prístupu: <http://link.springer.com/article/10.1007/s10098-015-0956-3>.
[SEDLÁKOVÁ, Anna (33%) - VILČEKOVÁ, Silvia (34%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

Ohlasy:

2015 [1] KRAVANJA, Zdravko - VARBANOV, Petar Sabev - KLEMES, Jiri Jaromir Recent advances in green energy and product productions, environmentally friendly, healthier and safer technologies and processes, CO2 capturing, storage and recycling, and sustainability assessment in decision-making In: Clean Technologies and Environmental Policy Vol. 17, no. 5 (2015), p. 1119-1126 ISSN: 1618-954X

2015 [4] TÓTH, Stanislav - BALÁŽ, Richard Faults in realization of vapor barrier connections in the construction of roofing In: Cassootherm 2015 : Non-Conference Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 294-297 ISBN: 978-80-553-2438-8

2015 [4] BAGOŇA, Miloslav - TÓTH, Stanislav - BALÁŽ, Richard Assessment of ground water infiltration to the basement garage spaces In: Cassootherm 2015 : Non-Conference Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 74-79 ISBN: 978-80-553-2438-8

2016 [1] ALI, A.A.M. Environmental impact assessment of the Egyptian cement industry based on a life-cycle assessment approach: a comparative study between Egyptian and Swiss plants In: Clean Technologies and Environmental Policy Vol. 18, no. 4 (2016), p. 1053-1068 ISSN: 1618-954X

2016 [1] MAGRASSI, Fabio et al. Optimal Planning of Sustainable Buildings: Integration of Life Cycle Assessment and Optimization in a Decision Support System (DSS) In: Energies Vol. 9, no. 7 (2016) ISSN: 1996-1073

2016 [1] MAODUŠ, Nikola et al. Life cycle and energy performance assessment of three wall types in south-eastern Europe region In: Energy and Buildings Vol. 133 (2016), p. 605-614 ISSN: 0378-7788

2017 [1] AZZOUZ, A. et al. Life cycle assessment of energy conservation measures during early stage office building design: A case study in London, UK In: Energy and Buildings Vol. 139 (2017), p. 547-568 ISSN: 0378-7788

2017 [1] GICALA, Magdalena, SOBOTKA, Anna The analysis of construction and material solutions, taking into account the requirements of sustainable development In: Scientific Review Engineering and Environmental Sciences Vol. 26, no.2 (2017), p. 159-170 ISSN: 1732-9353

2017 [1] ŠVAJLENKA, J., KOZLOVSKÁ, M., SPIŠÁKOVÁ, M. The benefits of modern method of construction based on wood in the context of sustainability In: International Journal of Environmental Science and Technology Vol. 14, no. 8 (2017), p. 1591-1602 ISSN: 1735-1472

2017 [1] KOTRASOVÁ, K. et al. Numerical experiment of fluid - structure - soil interaction In: Procedia

Engineering Vol. 190 (2017), p. 191-295 ISSN: 1877-7058

2017 [1] BALÁŽ, R., TÓTH, S. Assessment of ground water infiltration to the basement garage spaces In: ESaT 2016 : Advances and Trends in Engineering Sciences and Technologies 2. : Proceedings of the 2nd International Conference on Engineering Sciences and Technologies, Vysoke Tatry, Slovakia, 2016 P. 335-340 ISBN: 978-131539382-7

2016 [3] FERRADOR FILHO, Antonio Luiz , DE OLIVEIRA E AGUIAR, Alexandre Eficiência Energética de Edifícios – panorama e perspectivas das certificações no Brasil In: Engema 2016 : 18th Encontro Internacional sobre Gestão Empresarial e Meio Ambiente : Dezembro 05-06, 2016, Sao Paulo, Brasil p. 1-17 ISSN: 2359-1048

2018 [1] FERRADOR , Filho, A., L., AGUIAR, A., O., KNISS, C., T., Energy Efficiency Based on Procel Criteria: Case Study in a Public Building In: Holos Vol. 34, no. 7 (2018), p. 2-25 ISSN: 1518-1634

2019 [1] MORINI, A.A., RIBEIRO, M.J., HOTZA, D. Early-stage materials selection based on embodied energy and carbon footprint In: Materials and Design Vol. 178 (2019), art. no. 1078861 ISSN: 0264-1275

2016 [3] ZÚÑIGA-LEAL, Carlos - SUÁREZ-DOMÍNGUEZ, Edgardo J. - ARANDA-JIMÉNEZ, Yolanda G. Footing Design with Poured Earth In: Vol. 13, no. 5 (2016), p. 89-92 ISSN: 2278-1684

2019 [3] SADEGHIFAM, Aidin Nobahar et al. Assessment of the Building Components in the Energy Efficient Design of Tropical Residential Buildings: An Application of BIM and Statistical Taguchi Method In: Energy Vol. 188 (2019), art. no. 116080 ISSN: 0360-5442

2019 [3] SAADE, Marcella Ruschi Mendes - PASSER, Alexander - MITTERMAYR, Florian (Sprayed) concrete production in life cycle assessments: a systematic literature review In: The International Journal of Life Cycle Assessment DOI: org/10.1007/s11367-019-01676-w ISSN: 0948-3349

ADC002 [164331] **Energy and Environmental Evaluation of Non-Transparent Constructions of Building Envelope for Wooden Houses** / Silvia Vilčeková ... [et al.] - 2015. In: Energies. Vol. 8, no. 10 (2015), p. 11047-11075. - ISSN 1996-1073 Spôsob prístupu: www.mdpi.com. [VILČEKOVÁ, Silvia (25%) - ČULÁKOVÁ, Monika (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - KATUNSKÁ, Jana (25%)]

Ohlasy:

2016 [1] PISELLO, A.L. et al. Sustainable new brick and thermo-acoustic insulation panel from mineralization of stranded driftwood residues In: Energies Vol. 9, no. 8 (2016) ISSN: 1996-1073

2016 [1] GÓMEZ-MORENO, Ángel et al. Modeling and experimental validation of a low-cost radiation sensor based on the photovoltaic effect for building applications In: Energies Vol. 9, no. 11 (2016), p. 1-16 ISSN: 1996-1073

2016 [3] HALEY, Brigit O.E. Providing a Vehicle of Support on the Road to Energy Independence for the Seven Generations of the Skeetchestn First Nation In: Providing a Vehicle of Support on the Road to Energy Independence for the Seven Generations of the Skeetchestn First Nation 117 p. ISBN: <https://dx.doi.org/10.14288/1.0300375>

2017 [1] KLIJN-CHEVALERIAS de, Marie - JAVED, Saqib The Dutch approach for assessing and reducing environmental impacts of building materials In: Building and Environment Vol. 111 (2017), p. 147-159 ISSN: 0360-1323

2018 [1] ZANGHELINI, Guilherme Marcelo - CHERUBINI, Edivan - SOARES, Sebastião Roberto How Multi-Criteria Decision Analysis (MCDA) is aiding Life Cycle Assessment (LCA) in results interpretation In: Journal of Cleaner Production Vol. 172 (2018), p. 609-622 ISSN: 0959-6526

2018 [1] POTKÁNY, M., GEJDOŠ, M., DEBNÁR, M. Sustainable innovation approach for wood quality evaluation in green business In: Sustainability Vol. 10, no. 9 (2018), article no. 2984 ISSN: 2071-1050

2019 [1] EŠTOKOVÁ, A. et al. Examination of bearing walls regarding their environmental performance In: Energies Vol. 12, no. 2 (2019), article no. 260 ISSN: 1996-1073

2019 [1] GÁMEZ-GARCÍA, D.C. et al. Environmental challenges in the residential sector: Life cycle assessment of Mexican social housing In: Energies Vol. 12, no. 14 (2019), article no. 2837 ISSN: 1996-1073

ADC003 [166084] **Modelling the Prediction Of The NOx Concentration in The Outdoor Air Applying Dimensional Analysis** / Georgina Nagy, Silvia Vilčeková, Endre Domokos - 2015. In: Fresenius Environmental Bulletin. Vol. 24, No 11b. (2015), p. 3963 -3972. - ISSN 1018-4619 Spôsob prístupu: http://www.psp-parlar.de/details_feb_afs.asp?typ=feb&datum=01.11.2015&jahr=2015. [NAGY, Georgina (50%) - VILČEKOVÁ, Silvia (45%) - DOMOKOS, Endre (5%)]

ADC004 [178892] **Investigation of Indoor Air Quality in Houses of Macedonia** / Vilcekova Silvia ... [et al.] - 2017. In: International Journal of Environmental Research and Public Health. Vol. 14, no. 1 (2017), p. 1-37. - ISSN 1660-4601 [VILČEKOVÁ, Silvia (20%) - APOSTOLOSKI, Ilija Zoran (30%) - MEČIAROVÁ, Ľudmila (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - KISEL'ÁK, Jozef (10%)]

Ohlasy:

2017 [1] CINCINELLI, Alessandra, MARTELLINI, tania Indoor Air Quality and Health In: International Journal of Environmental Research and Public Health Vol. 14, no. 11 (2017), article no. 1286 ISSN: 1660-4601

2018 [1] KAPWATA, Thandi et al. Variation of indoor particulate matter concentrations and association with indoor/outdoor temperature: A case study in rural limpopo, South Africa In: Atmosphere Vol. 9, no. 4 (2018), art. no. 124 ISSN: 2073-4433

2018 [3] QABBAL, Loubna, YOUNSI, Zohir, NAJI, Hassane Indoor air quality investigation in a ventilated demonstrator building via a smart sensor In: AIVC 2018 : The 39th AIVC conference: "Smart ventilation for buildings": Juan-les-Pins, France, 18-19 September 2018 P. 1-10

2018 [1] AMMER, K. Medical Thermology 2017 - A computer-assisted literature survey In: Thermology International Vol. 28, no. 3 (2018), p. 139-178 ISSN: 1560-604X

2018 [1] ROGULSKI, M. Indoor PM10 concentration measurements using low-cost monitors in selected locations in Warsaw In: Energy Procedia : 2018 International Scientific Conference on Environmental and Climate Technologies, CONECT 2018, Riga, Latvia, 16 May 2018 through 18 May 2018, Code 139883 Vol. 147 (2018), p. 137-144 ISSN: 1876-6102

ADC005 [180089] **Investigation of particulate matter concentration in offices** / Silvia Vilčeková ... [et al.] - 2017. In: Fresenius Environmental Bulletin. Vol 26, no. 2 (2017), p. 1225-1233. - ISSN 1018-4619 [VILČEKOVÁ, Silvia (30%) - EŠTOKOVÁ, Adriana (30%) - KRÍDLOVÁ BURDOVÁ, Eva (30%) - BUDAIOVÁ, Zdenka (10%)]

Ohlasy:

2019 [1] NEZIS, I. et al. Particulate matter and health effects in offices - A review In: Building and Environment Vol. 156 (2019), p. 62-73 ISSN: 0360-1323

ADC006 [183391] **Indoor environmental quality of classrooms and occupants' comfort in a special education school in Slovak Republic** / Silvia Vilcekova ... [et al.] - 2017. In: Building and Environment. Vol. 120 (2017), p. 29-40. - ISSN 0360-1323 [VILČEKOVÁ, Silvia (20%) - MEČIAROVÁ, Ľudmila (35%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) -

KATUNSKÁ, Jana (10%) - KOŠIČANOVÁ, Danica (10%) - DOROUDIANI, Saeed (5%)

Ohlasy:

2017 [1] GIOSUÈ, C. et al. Improving the impact of commercial paint on indoor air quality by using highly porous fillers In: *Buildings* Vol. 7, no. 4 (2017), p. art. num. 110 ISSN: 0007-3725

2018 [1] YANG, Bin et al. Thermal comfort in primary school classrooms: A case study under subarctic climate area of Sweden In: *Building and Environment* Vol. 135 (2018), p. 237-245 ISSN: 0360-1323

2017 [3] PERILLO, Paulo José Lima - CAMPOS, Marcus André Siqueira - DE ABREU-HARBICH, Loyde Vieira Thermal comfort in classrooms: systematic literature review In: *PARC Pesquisa em Arquitetura e Construção* Vol. 8, no. 4 (2017), p. 236-247 ISSN: 1980-6809

2018 [1] MOLINA, Felipe Quesada - YAGUANA, David Bustillos Indoor environmental quality of urban residential buildings in Cuenca-Ecuador: Comfort standard In: *Buildings* Vol. 8, no. 7 (2018), article no. 90 ISSN: 2075-5309

2018 [1] MA, Kuen Wai - WONG, Hai Ming - MAK, Cheuk Ming A systematic review of human perceptual dimensions of sound: Metaanalysis of semantic differential method applications to indoor and outdoor sounds In: *Building and Environment* Vol. 133 (2018), p. 123-150 ISSN: 0360-1323

2018 [1] CHOI, Joon-ho, LEE, Kyeongsuk Investigation of the feasibility of POE methodology for a modern commercial office building In: *Building and Environment* Vol. 143 (2018), p. 591-604 ISSN: 0360-1323

2018 [1] NIMLYAT, Pontip Stephen Indoor environmental quality performance and occupants' satisfaction [IEQPOS] as assessment criteria for green healthcare building rating In: *Building and Environment* Vol. 144 (2018), p. 598-610 ISSN: 0360-1323

2018 [1] MERABTINE, Abdelatif et al. Building energy audit, thermal comfort, and IAQ assessment of a school building: A case study In: *Building and Environment* Vol. 145 (2018), p. 62-76 ISSN: 0360-1323

2018 [3] HUSIN, Husrul Nizam et al. Determinant of attributes and correlation of safety performance via post occupancy evaluation (POE) for low-cost housing. In: *Journal of Design and Built Environment* Vol. 2018, no. 1 (2018), p. 72-85 ISSN: 2232-1500

2018 [3] MARÇAL, Viviane Gomes et al. Relevância e percepção do conforto térmico no processo de aprendizagem em sala de aula In: *Boletim Técnico do Senac* Vol. 44, no. 2 (2018), p. 1-12 ISSN: 2448-1483

2018 [1] KAPALO, P. et al. The impact of carbon dioxide concentration on the human health-case study In: *Journal of Applied Engineering Sciences* Vol. 8, no. 1 (2018), p.61-66 ISSN: 2284-7197

2019 [1] MARQUES, G., PITARMA, R.A. An Internet of Things-based environmental quality management system to supervise the indoor laboratory conditions In: *Applied Sciences* Vol. 9, no. 3 (2019), article no. 438 ISSN: 2076-3417

2019 [1] DEVITOFRANCESCO, A. et al. Development of an Indoor Environmental Quality assessment tool for the rating of offices in real working conditions In: *Sustainability* Vol. 11, no. 6 (2019), article n. 1645 ISSN: 2071-1050

2019 [1] DOULOS, L.T. et al. Minimizing energy consumption for artificial lighting in a typical classroom of a Hellenic public school aiming for near Zero Energy Building using LED DC luminaires and daylight harvesting systems In: *Energy and Buildings* Vol. 194 (2019), p. 201-217 ISSN: 0378-7788

2019 [3] DOĞAN, Tuba Rastgeldi Investigation of Indoor Air Quality in a Hospital: A Case Study from

Şanlıurfa, Turkey In: Journal of Natural Hazards and Environment Vol. 5, no. 1 (2019), Dostupné na internete: <http://dacd.artvin.edu.tr/download/article-file/546511> ISSN: 2528-9640

2019 [1] MARQUES, G., PITARMA, R. Environmental quality monitoring system based on internet of things for laboratory conditions supervision In: WorldCIST 2019 : Advances in Intelligent Systems and Computing : World Conference on Information Systems and Technologies : Galicia 16-19 April, 2019 Vol. 932 (2019), p. 34-44 ISSN: 2194-5357 ISBN: 978-303016186-6

2019 [3] MARQUES, Gonçalo, PITARMA, Rui mHealth: Indoor Environmental Quality Measuring System for Enhanced Health and Well-Being Based on Internet of Things In: Journal of Sensor and Actuator Networks Vol. 8, no. 3 (2019), p. 1-20 ISSN: 2224-2708

2019 [3] SHENGLAN, Jing et al. Thermal Comfort and energy-saving potential in university classrooms during the heating season In: Energy and Buildings Vol. 202 (2019) ISSN: 0378-7788

2019 [1] GIOSUÈ, Chiara et al. Properties of multifunctional lightweight mortars containing zeolite and natural fibers In: Journal of Sustainable Cement-Based Materials Vol. 8, no. 4 (2019), p. 214-227 ISSN: 2165-0373

ADC007 [189801] **Factors effecting the total volatile organic compound (TVOC) concentrations in Slovak households** / Ľudmila Mečiarová ... [et al.] - 2017. In: International Journal of Environmental Research and Public Health. Vol. 14, no. 12 (2017), p. 1443-1443. - ISSN 1660-4601 [MEČIAROVÁ, Ľudmila (40%) - VILČEKOVÁ, Silvia (30%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - KISEĽÁK, Jozef (5%)]

Ohlasy:

2018 [1] CANHA, Nuno et al. Impact of Biomass Home Heating, Cooking Styles, and Bread Toasting on the Indoor Air Quality at Portuguese Dwellings: A Case Study In: Atmosphere Vol. 9, no. 6 (2018), article no. 214 ISSN: 2073-4433

2018 [1] SZCZEPANIK-ŚCISŁO, N., ŚCISŁO, L Air leakage modelling and its influence on the air quality inside a garage In: E3S Web of Conferences EKO-DOK 2018 : 10th Conference on Interdisciplinary Problems in Environmental Protection and Engineering : Polanica-Zdroj, 16-18 April, 2018 Vol. 33 (2018), article no. 00172 ISSN: 2267-1242

2018 [1] PIASECKI, Michał et al. The Approach of Including TVOCs Concentration in the Indoor Environmental Quality Model (IEQ)—Case Studies of BREEAM Certified Office Buildings In: Sustainability Vol. 10, no. 11 (2018), p. 1-25 ISSN: 2071-1050

2018 [1] HUA, Xiao et al. Analysis on ambient volatile organic compounds and their human gene targets In: Aerosol and Air Quality Research Vol. 18, no. 10 (2018), p. 2654-2665 ISSN: 1680-8584

2018 [1] TSAI, Wen-Tien An overview of health hazards of volatile organic compounds regulated as indoor air pollutants In: Reviews on Environmental Health (2018) ISSN: 0048-7554

2019 [1] JAVED, H. et al. Spatiotemporal variability of indoor atmospheric emissions in the mega-city of Pakistan In: Applied Ecology and Environmental Research Vol. 17, no. 2 (2019), p. 4133-4146 ISSN: 1589-1623

2019 [1] LU, T. et al. Land Use Regression models for 60 volatile organic compounds: Comparing Google Point of Interest (POI) and city permit data In: Science of the Total Environment Vol. 677 (2019), p. 131-141 ISSN: 0048-9697

2019 [1] TSAI, Wen Tien An overview of health hazards of volatile organic compounds regulated as indoor air pollutants In: Reviews on Environmental Health Vol. 34, no. 1 (2019), p. 81-89 ISSN: 0048-7554

2019 [3] ABULUDE, Francis Olawale et al. Assessment of the Indoor Air Quality of Akure, South – West, Nigeria In: Quality of Life No. 10 (1-2) (2019), p. 15-27 ISSN: 1986-602X

2019 [3] BUDOVIČ, V. L., POLOTNYUK, E. B. Measuring total volatile organic compounds in indoor air In: Chemical safety science Vol. 3, No. 1 (5) (2019), p. 7-27 ISSN: 2541-9811

2020 [1] PEI, J. et al. An eight-city study of volatile organic compounds in Chinese residences: Compounds, concentrations, and characteristics In: Science of the Total Environment Vol. 698 (2020), article no. 134137 ISSN: 0048-9697

ADC008 [192898] **The real and subjective indoor environmental quality in schools** / Ľudmila Mečiarová ... [et al.] - 2018. In: International Journal of Environmental Health Research. Vol. 28, no. 1 (2018), p. 102-123. - ISSN 0960-3123 Spôsob prístupu: <https://www.tandfonline.com/doi/full/10.1080/09603123.2018.1429579>.

[MEČIAROVÁ, Ľudmila (45%) - VILČEKOVÁ, Silvia (35%) - KRÍDLOVÁ BURDOVÁ, Eva (10%) - KAPALO, Peter (5%) - MIHALOVÁ, Nikola (5%)]

Ohlasy:

2018 [1] YANG, B. et al. Thermal comfort in primary school classrooms: A case study under subarctic climate area of Sweden In: Building and Environment Vol. 135 (2018), p. 237-245 ISSN: 0360-1323

2018 [1] FINELL, E. et al. Psychosocial problems, indoor air-related symptoms, and perceived indoor air quality among students in schools without indoor air problems: A longitudinal study In: International Journal of Environmental Research and Public Health Vol. 15, no. 7 (2018), article no. 1497 ISSN: 1661-7827

2018 [1] KAPALO, Peter et al. The influence of occupants' body mass on carbon dioxide mass flow rate inside a university classroom - case study In: International Journal of Environmental Health Research Vol. 28, no. 4 (2018), p. 432-447 ISSN: 0960-3123

2019 [1] RECEK, P., KUMP, T., DOVJAK, M. Indoor environmental quality in relation to socioeconomic indicators in Slovenian households In: Journal of Housing and the Built Environment DOI: 10.1007/s10901-019-09659-x (2019) ISSN: 1566-4910

2019 [1] LIU, Z. et al. Predicting the concentration of indoor culturable fungi using a kernel-based extreme learning machine (K-ELM) In: International Journal of Environmental Health Research DOI: 10.1080/09603123.2019.1609659 (2019) ISSN: 0960-3123

ADC009 [200485] **Interlinked Sustainability Aspects of Low-Rise Residential Family House Development in Slovakia** / Silvia Vilčeková ... [et al.] - 2018. In: Sustainability. - Basel (Švajčiarsko) : MDPI Roč. 10, č. 11 (2018), s. 3966-3966 [online]. - ISSN 2071-1050 (online) [VILČEKOVÁ, Silvia (20%) - SELECKÁ, Iveta (50%) - KRÍDLOVÁ BURDOVÁ, Eva (10%) - MEČIAROVÁ, Ľudmila (20%)]

Ohlasy:

2019 [1] SALDAÑA-MÁRQUEZ, H. et al. Housing Indicators for Sustainable Cities in Middle-Income Countries through the Residential Urban Environment Recognized Using Single-Family Housing Rating Systems In: Sustainability Vol. 11, no. 6 (2019), article no. 4276 ISSN: 2071-1050

ADC010 [204511] **Investigation of CO₂ production depending on physical activity of students** / Peter Kapalo ... [et al.] - 2019. In: International Journal of Environmental Health Research = IJEHR. - Abingdon (Veľká Británia) : Taylor & Francis Group Roč. 29, č. 1 (2019), s. 31-44 [print]. - ISSN 0960-3123 Spôsob prístupu: http://apps.webofknowledge.com/full_record.do?product=CCC&search_mode=GeneralSearch&qid=1&SID=D2NMuvsf1nvLiaR17um&page=1&doc=1&log_event=no&locale=en_US. [KAPALO, Peter (35%) - MEČIAROVÁ, Ľudmila (35%) - VILČEKOVÁ, Silvia (20%) - KRÍDLOVÁ

BURDOVÁ, Eva (5%) - DOMNITA, Florin (1%) - BACOTIU, Ciprian (1%) - PÉTERFI, Kinga-Eva (3%)

Ohlasy:

2019 [1] REJC, T. et al. Microbiological and chemical quality of indoor air in kindergartens in Slovenia In: International Journal of Environmental Health Research DOI: 10.1080/09603123.2019.1572870 (2019) ISSN: 0960-3123

2020 [1] VOZNYAK, O. et al. Air Distribution Efficiency in a Room by a Two-Flow Device In: Lecture Notes in Civil Engineering Vol. 47 (2020), p. 526-533 ISSN: 2366-2557

2020 [3] VOZNYAK, Orest et al. Air Distribution Efficiency in a Room by a Two-Flow Device In: CEE 2019 : International Conference Current Issues of Civil and Environmental Engineering : Lviv, 11-13 September, 2019 P. 526-533 ISSN: 2366-2557 ISBN: 978-3-030-27010-0

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch(25)

ADE001 [34025] **Introduction to indoor odours problem** / Ingrid Šenitková, Silvia Vilčeková - 2004.In: Zeszyty naukowe Politechniki Rzeszowskiej. Vol. 37, (2004), p. 399-406. - ISSN 0209-2646 [ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

ADE002 [67060] **Sustainable building assessment systems summary** / S. Vilčeková, E. Burdová, I. Šenitková - 2007.In: Visnik Nacionalnogo universitetu L'vivska politechnika. No. 600 (2007), p. 559-567. - ISSN 0321-0499

[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

Ohlasy:

2008 [3] VOZNJAK, O.T., DAŇKO, O.S., ŠAPOVAL, S.P.: Ekonomična docilnist' vikoristannja diskretnoj orientaciji ciloričnich geliosistem. In: Naučno-techničeskij sbornik 84 : L'vivska politechnika, 2008. P. 162-167. Dostupné na internete : <http://eprints.ksame.kharkov.ua/6856/>, http://eprints.ksame.kharkov.ua/6856/1/162-167_%D0%92%D0%BE%D0%B7%D0%BD%D1%8F%D0%BA_%D0%9E%D0%A2.pdf.

2009 [3] VOZNYAK, O., SHAPOVAL, S., DACKO, O.: Rise of use effectiveness of solar energy in annual solar systems. In: Zeszyty naukowe Politechniki Rzeszowskiej : budownictwo i inżynieria środowiska : z. 54. Rzeszów : Oficyna Wydawnicza Politechniki Rzeszowskiej, 2009. P. 91-98. ISSN 0209-2646.

ADE003 [84091] **Modeling the occurrence of nitrogen oxides indoors** / S. Vilčeková, I. Šenitková - 2009.In: Indoor and Built Environment. Vol. 18, no. 2 (2009), p. 138-143. - ISSN 1420-326X Spôsob prístupu: <http://ibe.sagepub.com/content/vol18/issue2/>.

[VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

Ohlasy:

2011 [1] KALIBATAS, D., ZAVADSKAS, E. K., KALIBATIENE, D. The concept of the ideal indoor environment in multi-attribute assessment of dwelling-houses In: Archives of Civil and Mechanical Engineering Vol. 11, no. 1 (2011), p. 89-101 ISSN: 1644-9665

2012 [3] ZELENÁKOVÁ, Martina, ČARNOGURSKÁ, Mária, GARGAR, I. Prediction of Pollutant Concentration in Laborec River Station, Slovak Republic In: Procedia Engineering Vol. 42 (2012), p. 1606–1615 ISSN: 1877-7058

2012 [1] KALIBATAS, D., ZAVADSKAS, E. k., KALIBATIENE, D. A method of multi-attribute assessment using ideal alternative: Choosing an apartment with optimal indoor environment In: International Journal of Strategic Property Management Vol. 16, no. 3 (2012), p. 338-353 ISSN: 1648-715X

2012 [3] ZELENÁKOVÁ, Martina - ČARNOGURSKÁ, Mária A dimensional analysis-based model for the prediction of nitrogen concentrations in Laborec River, Slovakia In: Water and Environment Journal

[online] (2012), p. 1-8 ISSN: 1747-6585

ADE004 [86136] **Building environmental assessment - site selection and project management** / Silvia Vičeková, Eva Krídlová Burdová, Ingrid Šenitková - 2009. In: Zeszyty naukowe Politechniki Rzeszowskiej. Vol. 265, no. 53 (2009), p. 143-151. - ISSN 0209-2646 [VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

ADE005 [100614] **Multi-criterion analysis of BEAS - energy performance indicators** / Silvia Vilčeková, Eva Krídlová-Burdová, Ingrid Šenitková - 2010. - 1 elektronický optický disk (CD-ROM). In: Czasopismo techniczne : Budownictwo. Vol. 107, no. 4 (2010), p. 213-220. - ISSN 0011-4561 [VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

Ohlasy:

2016 [3] DOUKAS, Haris et al. OPTIMUS Approach to Smart Cities and Energy Optimisation In: OPTIMUS Approach to Smart Cities and Energy Optimisation 43 p

2016 [1] ANDROULAKI, Stella et al. Enabling local authorities to produce short-term energy plans : A multidisciplinary decision support approach In: Management of Environmental Quality: An International Journal Vol. 27, no. 2 (2016), p. 146-166 ISSN: 1477-7835

ADE006 [108787] **Developing a Building Environmental Assessment System for Slovakia** / Silvia Vilčeková, Eva Krídlová Burdová - 2010. In: Journal of Civil Engineering and Architecture. Vol. 4, no. 10 (2010), p. 31-42. - ISSN 1934-7359 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ADE007 [116332] **Comparison of environmental impact of building materials of three residential buildings** / Milan Porhinčák, Adriana Eštoková, Silvia Vilčeková - 2011. In: Pollack Periodica. Vol. 6, no. 3 (2011), p. 53-62. - ISSN 1788-3911 Spôsob prístupu: <http://www.akademai.com/content/pk094485119t3154/?p=6f7ac5a7386847c28d20a38a935f68c8&pi=4>. [PORHINČÁK, Milan (45%) - EŠTOKOVÁ, Adriana (45%) - VILČEKOVÁ, Silvia (10%)]

Ohlasy:

2012 [1] RÓKA-MADARÁSZ, Lívia Measurement of operation and maintenance practices for corporate property management In: Pollack Periodica Vol. 7, no. 3 (2012), p. 117-126 ISSN: 1788-1994

2012 [1] ČULÁKOVÁ, Monika, ŠENITKOVÁ, Ingrid, PAULIKOVÁ, Alena Optimization of construction solutions for green building In: Pollack Periodica Vol. 7, no. 3 (2012), p. 33-44 ISSN: 1788-1994

2014 [1] KRÍDLOVÁ BURDOVÁ, Eva, VILČEKOVÁ, Silvia Building environmental assessment - Waste management In: Pollack Periodica Vol. 9, no. SUP 1 (2014), p. 127-139 ISSN: 1788-1994

2018 [1] SYLEJMANI, M., MEDVEGY, G. Multi-family apartments constructed between 1947 and 2017 in Kosovo In: Pollack Periodica Vol. 13, no. 1 (2018), p. 193-202 ISSN: 1788-1994

2018 [1] KÁROLYFI, K., PAPP, F. The correspondences between formwork geometry and concrete composition in the case of fair-faced concrete elements In: Pollack Periodica Vol. 13, no. 2 (2018), p. 43-54 ISSN: 1788-1994

2018 [1] STRIEŠKA, Miroslav - KOTEŠ, Peter Corrosion map of zinc in Slovakia In: Pollack Periodica Vol. 13, no. 2 (2018), p. 129-136 ISSN: 1788-1994

2018 [3] Bozsaky Dávid Moisture behavior of thermal insulation coating consisted of vacuum-hollow nano-ceramic microspheres In: Periodica Polytechnica Civil Engineering Vol. 62, no. 4 (2018), p. 980-985 ISSN: 0553-6626

2019 [1] BOZSAKY, Dávid Recent studies on thermodynamic processes in nano-ceramic thermal

insulation coatings In: Pollack Periodica Vol. 14, no. 1 (2019), p. 107-116 ISSN: 1788-1994

2019 [1] STEFFGEN, T. Experimental studies - Building physics investigations in condensation water on plaster surfaces In: Pollack Periodica Vol. 14, no. 1 (2019), p. 167-175 ISSN: 1788-1994

ADE008 [116349] **Indoor and outdoor air quality monitoring in hemp house - case study** / Jarmila Rimbalová, Silvia Vilčeková, Adriana Eštoková - 2011. In: Pollack Periodica. Vol. 6, no. 3 (2011), p. 63-72. - ISSN 1788 -3911 Spôsob prístupu:
<http://akademai.com/content/855p040j41u42n48/?p=f48bcfdb7aa749028fb7d0a5077d5dea&pi=0>.
[RIMBALOVÁ, Jarmila (40%) - VILČEKOVÁ, Silvia (30%) - EŠTOKOVÁ, Adriana (30%)]

ADE009 [124063] **Reduction of carbon footprint of building structures** / Monika Čuláková ... [et al.] - 2012. In: Chemical engineering transactions. Vol. 29, no. 1 (2012), p. 199-204. - ISBN 978-88-95608-20-4 - ISSN 1974-9791
[ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - KATUNSKÁ, Jana (10%)]

Ohlasy:

2013 [1] ZABALZA, Ignacio et al. Use of LCA as a Tool for Building Ecodesign. A Case Study of a Low Energy Building in Spain In: Energies Vol. 2013, no. 6 (2013), p. 3901-3921 ISSN: 1996-1073

2013 [3] PORHINČÁK, Milan, EŠTOKOVÁ, Adriana Analysis of buildings based on the materials LCA data In: 39th IAHS The International Association for Housing Science : Volume 1 : Changing Needs, Adaptive Buildings, Smart Cities [USB] P. 215-223 ISBN: 9788864930138

2013 [1] PORHINČÁK, Milan, EŠTOKOVÁ, Adriana Comparative analysis of environmental performance of building materials towards sustainable construction In: Chemical Engineering Transactions Vol. 35 (2013), p. 1291-1296 ISSN: 1974-9791

2013 [4] PORHINČÁK, Milan, EŠTOKOVÁ, Adriana Environmental Evaluation of Building Materials of 5 Slovak Buildings In: Journal of Civil Engineering Roč. 8, č. 2 (2013), s. 93-102 ISSN: 1336-9024

2013 [1] PIACENZA, Joseph R. et al. Comparison of sustainability performance for cross laminated timber and concrete In: Proceedings of the ASME Design Engineering Technical Conference : Portland, United States, 4-7 August 2013 Art. no. V004T05A036 ISBN: 978-079185591-1

2014 [1] PORHINČÁK, Milan, EŠTOKOVÁ, Adriana Analysis of buildings based on the materials LCA data In: International Journal for Housing Science and Its Applications Vol. 38, no. 2 (2014), p. 115-125 ISSN: 0146-6518

2014 [3] ONDOVA, M., ESTOKOVÁ, A. LCA and Multi-Criteria Analysis of Fly Ash Concrete Pavements In: International Journal of Environmental, Ecological, Geological and Mining Engineering Vol. 8, no. 5 (2014), p. 308-313 ISSN: 9998390

2015 [1] ESTOKOVA, Adriana - PORHINCAK, Milan Environmental analysis of two building material alternatives in structures with the aim of sustainable construction In: Clean Technologies and Environmental Policy Vol. 17, no. 1 (2015), p. 75-83 ISSN: 1618-954X

2015 [1] ZHANG, Xiaocun, WANG, Fenglai Life-cycle assessment and control measures for carbon emissions of typical buildings in China In: Building and Environment Vol. 86 (2015), p. 89-97 ISSN: 0360-1323

2014 [1] ZHANG, Z., ZHAO, Q., MA, Z. Research on a Carbon Emission Calculation Model of Construction Phase In: ICCREM 2014 : Smart Construction and Management in the Context of New Technology : proceedings : Kunming, September 27-28, 2014 P. 436-441 ISBN: 978-078441377-7

2016 [1] WILLIAMS, J. et al. Less is more: A review of low energy standards and the urgent need for an international universal zero energy standard In: Journal of Building Engineering Vol. 6 (2016), p. 65-74 ISSN: 2352-7102

2016 [1] ZHANG, Xiaocun - WANG, Fenglai Hybrid input-output analysis for life-cycle energy consumption and carbon emissions of China's building sector In: Building and Environment Vol. 104 (2016), p. 188-197 ISSN: 0360-1323

2016 [1] POMPONI, Francesco - MONCASTER, Alice Embodied carbon mitigation and reduction in the built environment - What does the evidence say? In: Journal of Environmental Management Vol. 181 (2016), p. 687-700 ISSN: 0301-4797

2017 [3] KLEMEŠ, Jiří J. et al. Twenty years of PRES: past, present and future – proces integration towards sustainability In: Chemical Engineering Transactions Vol. 61 (2017), p. 1-24 ISSN: 2283-9216

ADE010 [124702] **Environmental, economic and social aspects and indicators in relation to energy performance of buildings** / Eva Krídlová Burdová, Silvia Vilčeková - 2012.In: Budownictwo : Czasopismo Techniczne. Vol. 109, no. 3 (2012), p. 259-266. - ISSN 0011-4561 [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

ADE011 [128450] **Building Smaller Carbon Footprints** / Monika Čuláková, Silvia Vilčeková - 2012.In: Fdm Asia : Solid Wood and Panel Technology. Vol. 24, no. 8 (2012), p. 44-47. - ISSN 0219-2284 [ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (50%)]

ADE012 [129277] **Building environmental assessment of construction and building materials** / Eva Krídlová Burdová, Silvia Vilčeková - 2012.In: Journal of Frontiers in Construction Engineering. Vol. 1, no. 1 (2012), p. 1-7. Spôsob prístupu: <http://www.academicpub.org/fce/Issue.aspx?Vol=1&Num=1&Abstr=false>. [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2014 [1] MARKELJ, Jernej A Simplified Method for Evaluating Building Sustainability in the Early Design Phase for Architects In: Sustainability Vol. 6, no. 12 (2014), p. 8775-8795 ISSN: 2071-1050

2015 [1] ALVAREZ-ANTON, L., DIAZ, J., CASTRO-FRESNO, D. Sustainable construction enhanced through building information modeling In: 2015 ASCE International Workshop on Computing in Civil Engineering : Congress on Computing in Civil Engineering: Austin, Texas, USA P. 708-715

2016 [1] CHASTENET, C.A.D. et al. The French eco-neighbourhood evaluation model: Contributions to sustainable city making and to the evolution of urban practices In: Journal of Environmental Management Vol. 176 (2016), p. 69-78 ISSN: 0301-4797

ADE013 [134018] **Environmental assessment of buildings in Slovakia** / Eva Krídlová Burdová, Silvia Vilčeková - 2012.In: Budownictwo o zoptymalizowanym potencjale energetycznym. No. 2(10) (2012), p. 53-59. - ISSN 2299-8535 [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

ADE014 [140535] **Occupants' comfort and performance in building with smart elements - a case study** / Ivana Pilipová, Silvia Vilčeková - 2013.In: International Journal of Construction Engineering and Management. Vol. 2, no. 4 (2013), p. 113-121. - ISSN 2326-1080 [PILIPOVÁ, Ivana (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2015 [1] KAPALO, P. et al. The ventilation rate determination in the office rooms In: SGEM 2015 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria P. 961-968 ISSN: 1314-2704

ADE015 [146929] **Energy and environmental profile of low energy house - case study** / Silvia Vilčeková ... [et al.] - 2013.In: Budownictwo o zoptymalizowanym potencjale energetycznym. No. 2 (12) (2013), p. 137-147. - ISSN 2299-8535
[VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - GELETKA, Vladimír (25%)]

ADE016 [152150] **Energy efficiency of ventilation system in apartment buildings** / Peter Kapalo ... [et al.] - 2014.In: Technical Transactions. Vol. 111, no. 3-B (8) (2014), p. 173-178. - ISSN 0011-4561
[KAPALO, Peter (55%) - SEDLÁKOVÁ, Anna (20%) - VILČEKOVÁ, Silvia (20%) - DOMNITA, Florin (5%)]

ADE017 [162194] **Sustainability assessment of buildings** / Silvia Vilcekova ... [et al.] - 2015.In: Journal of Multidisciplinary Engineering Science and Technology. Vol. 2, no. 9 (2015), p. 2609-2615. - ISSN 3159-0040 Spôsob prístupu: <http://www.jmest.org/wp-content/uploads/JMESTN42351086.pdf>.
[VILČEKOVÁ, Silvia (40%) - KUŠNÍR, Marek (10%) - KRÍDLOVÁ BURDOVÁ, Eva (40%) - BUDAIOVÁ, Zdenka (10%)]

Ohlasy:

2017 [1] RAJAGOPALAN, Neethi - KELLEY, Stephen S. Evaluating Sustainability of Buildings Using Multi-Attribute Decision Tools In: Forest Products Journal Vol. 67, no. 3-4 (2017), p. 179-189 ISSN: 0015-7473

ADE018 [164554] **Dynamic measurement of the urban pollution of NOx in the city of Kosice** / Georgina Nagy, Silvia Vilčeková, Endre Domokos - 2015.In: Wulfenia. Vol. 22, no. 11 (2015), p. 90-101. - ISSN 1561-882X Spôsob prístupu: www.multidisciplinarywulfenia.org.
[NAGY, Georgina (50%) - VILČEKOVÁ, Silvia (45%) - DOMOKOS, Endre (5%)]

ADE019 [165359] **Optimal construction solutions of the external wall structures** / Anna Sedláková ... [et al.] - 2015.In: Interdisciplinarity in Theory and Practice. No. 8 (2015), p. 157-163. - ISSN 2344-2409 Spôsob prístupu: <http://www.itpb.eu/index.php/aktualne-cislo>.
[SEDLÁKOVÁ, Anna (25%) - ŤAŽKÝ, Ladislav (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

ADE020 [165832] **Evaluation of Building Structures of Walls from Embodied Energy and Greenhouse Gas Emissions** / Silvia Vilčeková ... [et al.] - 2015.In: Journal of Multidisciplinary Engineering Science and Technology. Vol. 2, no. 12 (2015), p. 3542-3546. - ISSN 3159-0040 Spôsob prístupu: <http://www.jmest.org/vol-2-issue-12-december-2015/>.
[VILČEKOVÁ, Silvia (40%) - KRÍDLOVÁ BURDOVÁ, Eva (40%) - ČULÁKOVÁ, Monika (10%) - NAGY, Richard (10%)]

ADE021 [171687] **Ultra-low-energy house and indoor environmental quality: a case study** / Silvia Vilčeková ... [et al.] - 2016.In: International journal of energy and environment. Vol. 10 (2016), p. 171-180. - ISSN 2308-1007
[VILČEKOVÁ, Silvia (18%) - SEDLÁKOVÁ, Anna (18%) - TURCSÁNYI, Peter (18%) - MEČIAROVÁ, Ľudmila (18%) - KRÍDLOVÁ BURDOVÁ, Eva (18%) - VARGA, Jaroslav (5%) - ROŠKOVÁ, Patrícia (5%)]

ADE022 [174249] **Implementation of green technologies and innovations in Košice region, Slovakia** / Martina Zeleňáková, Silvia Vilčeková, Lenka Zvijáková - 2016.In: Journal of Civil Engineering, Environment and Architecture, JCEEA. Vol. 23, no. 63 (2016), p. 496-504. - ISSN ISSN 2300-8903
[ZELEŇÁKOVÁ, Martina (70%) - VILČEKOVÁ, Silvia (20%) - ZVIJÁKOVÁ, Lenka (10%)]

ADE023 [174677] **Rating of Indoor Environmental Quality in Systems of Sustainability Assessment of Buildings** / Silvia Vilčeková, Eva Krídlová Burdová - 2016.In: Journal of Civil Engineering, Environment and Architecture. Vol. 32, no. 62 (2016), p. 459-467. - ISSN 2300-5130
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ADE024 [174686] **Analysis of VOCs in the Indoor Environment** / Ľudmila Mečiarová, Silvia Vilčeková - 2016.In: Journal of Civil Engineering, Environment and Architecture. Vol. 32, no. 62 (2016), p. 309-319. - ISSN 2300-5130
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

ADE025 [204860] **Sustainability assessment of designed family house alternatives with application of green technologies** / Silvia Vilčeková, Eva Krídlová Burdová, Andrea Moňoková - 2018.In: Czasopismo Inżynierii Ładowej, Środowiska i Architektury. Roč. 65, č. 4 (2018), s. 57-68 [print]. - ISSN 2300-5130 Spôsob prístupu: <http://doi.prz.edu.pl/pl/publ/biis/1069>.
[VILČEKOVÁ, Silvia (34%) - KRÍDLOVÁ BURDOVÁ, Eva (33%) - MOŇOKOVÁ, Andrea (33%)]

ADF - Vedecké práce v domácich nekarentovaných časopisoch(18)

ADF001 [34034] **Oxidy dusíka vo vnútornom prostredí budov** / Ingrid Šenitková, Silvia Vilčeková - 2004.In: TZB Technické zariadenia budov Haustechnik. Roč. 12, č. 1 (2004), s. 40-43. - ISSN 1210-356X
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2008 [4] ZELENÁKOVÁ, M., JAKUBÍKOVÁ, A.: Use of dimensional analysis for soil loss in watershed modelling. In: Selected Scientific Papers. Roč. 3, č. 2 (2008), s. 61-72. ISSN 1336-9024.

ADF002 [62930] **Systémy a metódy environmentálneho hodnotenia budov** / Silvia Vilčeková, Ingrid Šenitková - 2007.In: TZB Haustechnik. Roč. 15, č. 4 (2007), s. 56-57. - ISSN 1210-356X
[VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

Ohlasy:

2011 [4] KAMENSKÝ, Martin Znižovanie energetickej náročnosti budov v súlade s kritériami trvalej udržateľnosti In: Seminár doktorandov 2011 Ústavu budov a prostredia : 3. ročník : Zborník vedeckých prác : Košice, 09. - 10. február 2011 [CD-ROM] S. 59-62 ISBN: 978-80-553-0622-3

2009 [4] KRÍDLOVÁ-BURDOVÁ, E.: Building Environmental Assessment System and Weight Determination via Saatys Method. In: Mladý vedec 2009, 1.Medzinárodná doktorandská konferencia stavebníctva a architektúry: Podbanské 15.-16.4.2009, p.1-7. Košice, TU, 2008. ISBN 978-80-553-0176-1.

2008 [3] BURDOVÁ, E.: Systém environmentálneho hodnotenia budov. In: Juniorstav 2008: 10. Odborná konferencia doktorského štúdia: Sborník anotací: 23.1.2008. Brno: Vysoké učení technické, 2008. p. 1-8. ISBN 978-80-86433-45-5.

2008 [4] VAŠKOVÁ, A., KRÍDLOVÁ BURDOVÁ, E.: Environmentálne hodnotenie budovy pre seniorov prípadová štúdia. In: Vnútorná klíma budov 2008: Environmentálne hodnotenie a energetická certifikácia budov: 2.-3. decembra 2008. Bratislava: SSTP, 2008. S. 57-63. ISBN 978-80-89216-26-0.

ADF003 [70159] **Energetická bilancia v systéme environmentálneho hodnotenia budov** / Silvia Vilčeková, Eva Burdová - 2008.In: TZB Technické zariadenia budov. Roč. 16, č. 2 (2008), s. 32-35. - ISSN 1210-356X
[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

ADF004 [73056] **Building environmental assessment and rating tools** / Silvia Vilčeková, Eva Burdová - 2008.In: Selected Scientific Papers. Roč. 3, č. 1 (2008), s. 57-70. - ISSN 1336-9024
[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

Ohlasy:

2008 [4] JUHÁS, P.: Stavebné inžinierstvo. Košice: TU SvF, 2008. 232 s. ISBN 978-80-553-0087-0.

ADF005 [79563] **Indoor environmental quality assessment** / Silvia Vilčeková, Eva Krídlová Burdová, Ingrid Šenitková - 2008.In: Selected Scientific Papers. Roč. 3, č. 2 (2008), s. 25-32. - ISSN 1336-9024

[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

ADF006 [83301] **Environmentálne hodnotenie prostredia v budovách** / Silvia Vilčeková - 2009.In: TZB Haustechnik. Roč. 17, č. 2 (2009), s. 41-43. - ISSN 1210-356X
[VILČEKOVÁ, Silvia (100%)]

ADF007 [107630] **Building site and project planning in building environmental assessment system** / Silvia Vilčeková, Eva Krídlová Burdová - 2010.In: Prírodné vedy : Folia oecologica 4. Roč. 51, č. 4 (2010), s. 63-71. - ISSN 1338-080X
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

ADF008 [97945] **Multikriteriálna analýza systému environmentálneho hodnotenia budov** / Eva Krídlová Burdová, Silvia Vilčeková - 2010.In: TZB Haustechnik. Roč. 18, č. 3 (2010), s. 38-40. - ISSN 1210-356X
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2011 [4] Environmentálne hodnotené budovy už aj na Slovensku In: TZB Haustechnik Roč. 19, č. 2 (2011) ISSN: 1210-356X

2012 [4] KAPALO, P., NAGY, R. The impact of the carbon dioxide concentration in ventilated rooms In: 9. International Scientific Conference of Faculty of Civil Engineering : Košice, 2012 S. 1-6 ISBN: 978-80-553-0905-7

2012 [4] MORAVČÍKOVÁ, Andrea Postupy hodnotenia environmentálnej kvality budov In: Alternatívne stavebné materiály v architektúre : Učebná pomôcka k rovnomennému predmetu na FA STU S. 91. Dostupné na internete: http://www.hpdesign.sk/fa-subory/seminare_prac_altmat2012.pdf

2015 [3] KAPALO, Peter et al. REQUIREMENT TO THE FRESH AIR IN THE CONGREGATION ROOM In: Current issues of civil and environmental engineering and architecture : Rzeszow, Poland P. 1-6

ADF009 [140540] **Perceived comfort of indoor environment and users' performance in office building with smart elements – case study** / Ivana Pilipová, Silvia Vilčeková - 2013.In: Selected Scientific Papers - Journal of Civil Engineering. Vol. 8, no. 2 (2013), p. 61-72. - ISSN 1338-7278 Spôsob prístupu: <http://www.degruyter.com/view/j/sspjce.2013.8.issue-2/sspjce-2013-0019/sspjce-2013-0019.xml?format=NT>.
[PILIPOVÁ, Ivana (50%) - VILČEKOVÁ, Silvia (50%)]

ADF010 [140541] **The Proposal of Key Performance Indicators in Facility Management and Determination the Weights of Significance** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Selected Scientific Papers - Journal of Civil Engineering. Roč. 8, č. 2 (2013), s. 73-84. - ISSN 1338-7278 Spôsob prístupu: <http://www.degruyter.com/view/j/sspjce.2013.8.issue-2/sspjce-2013-0020/sspjce-2013-0020.xml?format=NT>.
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2014 [4] SOMOROVÁ, Viera Optimization of the Operation of Green Buildings applying the Facility Management In: SSP - Journal of Civil Engineering : Selected Scientific Papers Roč. 9, č. 1 (2014), s. 87-94 ISSN: 1338-7278

2014 [3] INSANNUL, Kamil A Study to Develop Critical Success Factors of Roads Maintenance Management System for Sustainable Facility Management In: Jurnal Teknologi Vol. 69, no. 6 (2014), p. 37-41 ISSN: 0127-9696

2015 [3] INSANNUL , Kamil et al. Strategic Road Performance Model: An Approach to Sustainable Facilities Management In: Jurnal Teknologi Vol. 72, no. 5 (2015), p. 77–81 ISSN: 2180-3722

2018 [3] ANOSIKE NWABUEZE , Michael et al. Apraisal of the State of Health of Residential Building Facilities in a Private University in Nigeria In: International Journal of Engineering Technologies and Management Research Vol. 5, no. 4 (2018), p. 153-167 ISSN: 2454-1907

ADF011 [140544] **Multicriteria decision analysis of material selection of high energy performance residential building** / Monika Čuláková ... [et al.] - 2013.In: Selected Scientific Papers - Journal of Civil Engineering. Roč. 8, č. 2 (2013), s. 103-114. - ISSN 1338-7278 Spôsob prístupu: <http://www.degruyter.com/view/j/sspjce.2013.8.issue-2/sspjce-2013-0023/sspjce-2013-0023.xml?format=NT>.

[ČULÁKOVÁ, Monika (25%) - VILČEKOVÁ, Silvia (25%) - KATUNSKÁ, Jana (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

Ohlasy:

2017 [3] DAMDOO, Kamlesh - PATHAK, Vyom - KASHIYANI, Bhavin Selection of sustainable construction material: a review In: International Journal of Advanced Research in Engineering, Science and Management Vol. 3, no. 6 (2017), p. 1-4 ISSN: 2394-1766

ADF012 [158340] **Drevostavby a ich materiálová skladba stien** / Monika Čuláková ... [et al.] - 2015.In: Eurostav. Roč. 20, č. 4 (2015), s. 48-53. - ISSN 1335-1249

[ČULÁKOVÁ, Monika (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - KATUNSKÁ, Jana (25%)]

ADF013 [159690] **Assessing the effect of indoor environmental quality on productivity at office work** / Zdenka Budaiová, Silvia Vilčeková - 2015.In: SSP - Journal of Civil Engineering. Roč. 10, č. 1 (2015), s. 39-48. - ISSN 1336-9024

[BUDAIOVÁ, Zdenka (50%) - VILČEKOVÁ, Silvia (50%)]

ADF014 [173107] **Determination of VOCs in the indoor air of a new and a renovated apartment** / Ludmila Mečiarová, Silvia Vilčeková - 2016.In: SSP - Journal of Civil Engineering. Roč. 11, č. 1 (2016), s. 107-118. - ISSN 1338-7278

[MEČIAROVÁ, Ludmila (50%) - VILČEKOVÁ, Silvia (50%)]

ADF015 [175123] **Kvalita vnútorného prostredia budov a výkonnosť ich užívateľov** / Silvia Vilčeková, Zdenka Budaiová - 2016.In: Fyzikálne faktory prostredia. Roč. 6, mimoriadne č. 2 (2016), s. 116-120. - ISSN 1338-3922

[VILČEKOVÁ, Silvia (80%) - BUDAIOVÁ, Zdenka (20%)]

ADF016 [197203] **Reálna a subjektívna kvalita vnútorného prostredia vo vybranej škole** / Ludmila Mečiarová, Silvia Vilčeková - 2018.In: TZB haustechnik : technické zariadenie budov. - Bratislava (Slovensko) : Jaga group Roč. 26, č. 3 (2018), s. 28-33 [print]. - ISSN 1210-356X

[MEČIAROVÁ, Ludmila (50%) - VILČEKOVÁ, Silvia (50%)]

ADF017 [200478] **Kvalita vnútorného prostredia školských budov** / Silvia Vilčeková, Anna Sedláková, Ludmila Mečiarová - 2018.In: Eurostav : odborný recenzovaný časopis o stavebníctve a architektúre. - Bratislava (Slovensko) : Vydavateľstvo Eurostav Roč. 24, č. 12 (2018), s. 28-32 [print]. - ISSN 1335-1249

[VILČEKOVÁ, Silvia (33%) - SEDLÁKOVÁ, Anna (33%) - MEČIAROVÁ, Ludmila (34%)]

ADF018 [201924] **Monitoring of indoor air quality in Macedonian homes during summer season** / Zoran Apostoloski ... [et al.] - 2018.In: SSP - Journal of Civil Engineering : the Journal of Technical University of Kosice. - Košice (Slovensko) : Stavebná fakulta Roč. 13, č. 1 (2018), s. 7-14 [print]. - ISSN 1336-9024 Spôsob prístupu: <https://doi.org/10.1515/sspjce-2018-0014>.

[APOSTOLOSKI, Zoran (50%) - VILČEKOVÁ, Silvia (20%) - MEČIAROVÁ, Ludmila (20%) - KRÍDLOVÁ BURDOVÁ, Eva (10%)]

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS(6)

ADM001 [140554] **Multi-Criteria Analysis of Material Selection in order to Reduce Environmental Impacts** / Monika Čuláková ... [et al.] - 2013.In: Chemical Engineering Transactions. Vol. 35 (2013), p. 379-384. - ISSN 1974-9791 Spôsob prístupu:
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=54&SID=Q1njayjcqnMxICKzVG&page=1&doc=2.

[ČULÁKOVÁ, Monika (25%) - VILČEKOVÁ, Silvia (25%) - KATUNSKÁ, Jana (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

Ohlasy:

2014 [4] TÓTH, Stanislav Súčasný stav poznatkov trojplášťových šikmých striech typu E - F, pre obytné budovy In: Správca bytových domov Roč. 9, č. 3 (2014), s. 29-31 ISSN: 1336-7919

2014 [1] FARHAN, Syed Ahmad et al. Embodied carbon of buildings: Tools, methods and strategies In: Applied Mechanics and Materials Vol. 567 (2014), p. 565-570 ISSN: 1662-7482

2017 [1] FORTUNA , Stefano et al. Environmental Performances of a Timber-concrete Prefabricated Composite Wall System In: Energy Procedia Vol. 113 (2017), p. 90-97 ISSN: 1876-6102

2018 [1] BOSCATO, Giosue et al. A new concrete-glulam prefabricated composite wall system: Thermal behavior, life cycle assessment and structural response In: Journal of Building Engineering Vol. 19 (2018), p. 384-401 ISSN: 2352-7102

2018 [1] KADZINSKI, Milosz et al. Multiple Criteria Assessment of Insulating Materials with a Group Decision Framework Incorporating Outranking Preference Model and Characteristic Class Profiles In: Group Decision and Negotiation Vol. 27, no. 1 (2018): p. 33-59 ISSN: 1572-9907

ADM002 [140557] **Analysis of Environmental Aspects in High Energy Performance Family House - Case Study** / Silvia Vilčeková ... [et al.] - 2013.In: Chemical Engineering Transactions. Vol. 35 (2013), p. 385-390. - ISSN 1974-9791 Spôsob prístupu:
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=55&SID=Q1njayjcqnMxICKzVG&page=1&doc=1.

[VILČEKOVÁ, Silvia (20%) - SEDLÁKOVÁ, Anna (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - ČULÁKOVÁ, Monika (20%) - GELETKA, Vladimír (5%) - KAPALO, Peter (15%)]

Ohlasy:

2014 [1] ONDOVA, M., ESTOKOVA, A. Environmental analysis of materials used for building foundation In: Chemical Engineering Transactions Vol. 39 (2014), p. 601-606 ISSN: 1974-9791

2014 [3] NAGY, Richard - KOŠIČANOVÁ, Danica - LOJKOVICS, Jan Air quality and energy savings in school and office buildings In: Environmental engineering : 9th international conference : selected papers : 22-23 May, 2014, Vilnius P. 1-6 ISBN: 978-609-457-640-9

2014 [4] FEDORČÁK, Pavol et al. Analysis of the solar radiation impact on cooling performance of the absorption chiller In: SSP - Journal of Civil Engineering : Selected Scientific Papers Roč. 9, č. 2 (2014), s. 97-106 ISSN: 1338-7278

2014 [3] KAPOŠTASOVA, D. et al. Rainwater Harvesting, Risk Assessment and Utilization in Kosice-city, Slovakia In: Procedia Engineering Vol. 89 (2014), p. 1500-1506 ISSN: 1877-7058

2014 [4] FEDORČÁK, Pavol et al. Analysis of the solar radiation impact on cooling performance of the absorption chiller In: Selected Scientific Papers: Journal of Civil Engineering Roč. 9, č. 2 (2014), s. 97-106 ISSN: 1338-7278

2015 [1] NAGY, R., KOŠIČANOVÁ, D. The strategy of ventilation in relation to carbon dioxide concentration In: SGEM 2015 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management: 15th International Multidisciplinary Scientific Geoconference and EXPO : vol. 1 : Albena, June 18-24, 2015 P. 581-588 ISBN: 978-619-7105-34-6

2015 [4] NAGY, Richard Ventilation, pollution by occupants – numerical simulation, measurements In: Cassootherm 2015 : Non-Conference Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 207 ISBN: 978-80-553-2438-8

2014 [1] NAGY, R., KOŠIČANOVÁ, D., LOJKOVICS, J. The energy performance model of ventilation system - Part 1 In: SGEM 2014 :14th International Multidisciplinary Scientific Geoconference and EXPO : Albena, Bulgaria P. 527-534 ISSN: 13142704

2015 [4] VRANAY, František Voľba vhodného systému zabezpečenia energiami pre rodinný dom In: Cassootherm 2015 : Non-Conference Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 306-311 ISBN: 978-80-553-2438-8

2015 [4] NAGY, Richard Ventilation, pollution by occupants – numerical simulation, measurements In: Cassootherm 2015 : Non-Conference Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 201-208 ISBN: 978-80-553-2438-8

2015 [4] NAGY, Richard Computational method for evaporation intensity determination In: Design of energy efficient buildings 2015 : Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 147-151 ISBN: 978-80-553-2450-0

2015 [4] NAGY, Richard The dehumidification throughout mechanical ventilation In: Design of energy efficient buildings 2015 : Proceedings of Scientific Papers - KEGA 052TUKE-4/2013 S. 141-146 ISBN: 978-80-553-2450-0

ADM003 [148834] **Building environmental assessment - Waste management** / Eva Krídlová Burdová, Silvia Vilčeková - 2014. In: Pollack Periodica. Vol. 9, no. 1 (2014), p. 127-139. - ISSN 1788 1994
Spôsob prístupu:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84904467930&origin=resultslist&sort=plf-f&src=s&st1=burdova+k+e&sid=C556B188F994A59ADFBC3CCBEE860081.euC1gMODexYIPkQec4u1Q%3a20&so t=b&sdt=b&sl=24&s=AUTHOR-NAME%28burdova+k+e%29&relpos=0&relpos=0&citeCnt=0&searchTerm =AUTHOR-NAME%28burdova+k+e%29>

[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2018 [1] DUBCOVÁ, M, GALBOVÁ, K, ŠKULTÉTYOVÁ, I. Environmental assessment of the operation of wastewater treatment plants In: Pollack Periodica Vol. 13, no. 1 (2018), p. 113-124 ISSN: 1788-1994

ADM004 [153029] **Multi-criteria analysis of building assessment regarding energy performance using a life-cycle approach** / Silvia Vilcekova, Eva Kridlova Burdova - 2014. In: International Journal of Energy and Environmental Engineering. Vol. 5, no. 2 (2014), p. 1-9. - ISSN 2251-6832 Spôsob prístupu: <http://link.springer.com/article/10.1007/s40095-014-0083-7>.

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

Ohlasy:

2018 [1] IRINGOVÁ, Agnes Design of envelopes for timber buildings in terms of sustainable development in the low-energy construction In: IOP Conference Series: Materials Science and Engineering Vol. 415, no. 1 (2018), Article no. 012010 ISSN: 1757-8981

ADM005 [176184] **Evaluation of Architectural and Environmental Aspects of Passive House** / Anna Sedlakova ... [at al.] - 2016. In: Chemical Engineering Transactions. Vol. 52 (2016), p. 619-624. - ISSN

2283-9216

[SEDLÁKOVÁ, Anna (25%) - TURCSÁNYI, Peter (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

ADM006 [176282] **Comparison of material compositions of roofs in term of environmental and energy performance** / Eva Kridlova Burdova ... [et al.] - 2016.In: Chemical Engineering Transactions. Vol. 52 (2016), p. 1255-1260. - ISSN 2283-9216

[KRÍDLOVÁ BURDOVÁ, Eva (25%) - VILČEKOVÁ, Silvia (25%) - VOJTUŠ, Jaroslav (25%) - SEDLÁKOVÁ, Anna (25%)]

Ohlasy:

2018 [1] KARAYANNIS, Vayos G. et all Sustainable Ash-Based Geopolymers In: Chemical Engineering Transactions Vol. 63, (2018): p. 505-510 ISSN: 2283-9216

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách(5)

AEC001 [84479] **Building environmental assessment state of art** / Silvia Vilčeková, Eva Křídlová Burdová - 2008.In: Budownictwo o zoptymalizowanym potencjale energycznym. - Czestochowa : Wydawnictwo Politechniki Czestochowskiej, 2008 P. 333-338. - ISBN 9788371934124

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

Ohlasy:

2013 [4] SANYTSKY, Myroslav, SEKRET, Robert, WOJCIKIEWICZ, Mariusz Energetic and Ecological Analysis of Energy Saving and Passive Houses In: Selected Scientific Papers: Journal of Civil Engineering Roč. 7, č. 1 (2013), s. 71-78 ISSN: 1338-7278

AEC002 [116392] **Facility management with the triple bottom line and continuity to sustainable facility management** / Jarmila Rimbalová, Silvia Vilčeková - 2011.In: Building Materials and Building Technology to Preserve the Built Heritage : vol. 2, part 2. - Brno : TU, 2011 P. 220-225. - ISBN 978-3-937066-21-9

[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AEC003 [140534] **Dôležitosť uplatnenia cyklu kvality vo facility managemente** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Wybrane aspekty ochrony i kształtowania srodowiska w Polsce, we wschodniej Słowacji i zachodniej Ukrainie. - Brzozów : Muzeum regionalne im. Adama Fastnacha, 2013 P. 227-237. - ISBN 978-83-86801-78-7

[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AEC004 [140649] **Programy ochrany proti povodniam v krajinách EÚ a na Slovensku** / Lenka Gaňová, Martina Zeleňáková, Silvia Vilčeková - 2013.In: Riešenie aktuálnych otázok ochrany pred povodňami v Slovenskej a Maďarskej republike : praktická príručka zvládania povodňových situácií. - Miskolc : Miskolci Egyetem, 2013 P. 90-97. - ISBN 978-963-358-038-7

[GAŇOVÁ, Lenka (45%) - ZELEŇÁKOVÁ, Martina (45%) - VILČEKOVÁ, Silvia (10%)]

AEC005 [197209] **Sustainable Water Management in Buildings** / Silvia Vilčeková, Eva Křídlová Burdová, Iveta Selecká - 2019.In: Water Resources in Slovakia: Part 2 : Climate Change, Drought and Floods. - Cham (Švajčiarsko) : Springer International Publishing AG s. 307-321 [print, online]. - ISBN 978-3-319-92864-7

[VILČEKOVÁ, Silvia (34%) - KRÍDLOVÁ BURDOVÁ, Eva (33%) - SELECKÁ, Iveta (33%)]

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách(23)

AED001 [34118] **Environmentálna bezpečnosť budov znečistenie vnútorného prostredia vybranými škodlivinami** / Ingrid Šenitková ... [et al.] - 2004.In: Aktuálne problémy kontaminácie životného prostredia z hľadiska toxikológie a ekotoxikológie 3. časť. - Banská Štiavnica : TU-FEaE, 2004 S. 173-184. - ISBN 8022813613

[ŠENITKOVÁ, Ingrid (25%) - VILČEKOVÁ, Silvia (25%) - SELECKÁ, Iveta (25%) - BUČÁKOVÁ, Martina (25%)]

AED002 [153468] **Energy and environmental impact of lower structure alternatives solution** / Anna Sedláková ... [et al.] - 2014.In: Theoretical and experimental analysis of Building services and HVAC systems from the point of view of microbiological risk and regarding to effective use of renewable sources : Nekonferenčný zborník vedeckých prác - VEGA 1/0748/11. - Košice : TU, 2014 S. 287-293. - ISBN 978-80-553-1873-8
[SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - MAJDLEN, Pavol (25%)]

AED003 [153469] **Comparison of the wall insulation materials for energy-efficient buildings** / Anna Sedláková ... [et al.] - 2014.In: Theoretical and experimental analysis of Building services and HVAC systems from the point of view of microbiological risk and regarding to effective use of renewable sources : Nekonferenčný zborník vedeckých prác - VEGA 1/0748/11. - Košice : TU, 2014 S. 294-301. - ISBN 978-80-553-1873-8
[SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AED004 [153472] **Environmental and energy performance of material compositions of exterior wall** / Silvia Vilčeková ... [et al.] - 2014.In: Theoretical and experimental analysis of Building services and HVAC systems from the point of view of microbiological risk and regarding to effective use of renewable sources : Nekonferenčný zborník vedeckých prác - VEGA 1/0748/11. - Košice : TU, 2014 S. 308-315. - ISBN 978-80-553-1873-8
[VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AED005 [154120] **Environmentálne posúdenie stavebných materiálov a konštrukcií z hľadiska vybraných environmentálnych ukazovateľov** / Silvia Vilčeková, Eva Krídlová Burdová, Monika Čuláková - 2014.In: Zborník recenzovaných vedeckých prác ÚEI 2014. - Košice : TU, 2014 S. 109-117. - ISBN 978-80-553-1913-1
[VILČEKOVÁ, Silvia (40%) - KRÍDLOVÁ BURDOVÁ, Eva (40%) - ČULÁKOVÁ, Monika (20%)]

AED006 [165365] **Assessment of Indoor Environmental Quality by system LEED** / Eva Krídlová Burdová, Silvia Vilčeková, Dominika Smoleňová - 2015.In: Zborník recenzovaných vedeckých prác ÚEI 2015. - Košice : TU, 2015 S. 5-12. - ISBN 978-80-553-2436-4
[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - SMOLEŇOVÁ, Dominika (10%)]

AED007 [165366] **Environmental assessment of family house – site selection** / Eva Krídlová Burdová, Silvia Vilčeková, Martin Grohoľ - 2015.In: Zborník recenzovaných vedeckých prác ÚEI 2015. - Košice : TU, 2015 S. 41-48. - ISBN 978-80-553-2436-4
[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - GROHOĽ, Martin (10%)]

AED008 [165429] **The measurement of VOCs in a family house after renovation works – a case study** / Ľudmila Mečiarová, Silvia Vilčeková - 2015.In: Zborník recenzovaných vedeckých prác ÚEI 2015. - Košice : TU, 2015 S. 137-144. - ISBN 978-80-553-2436-4
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AED009 [166058] **Environmental assessment of family house – building construction** / Eva Krídlová Burdová, Silvia Vilčeková, Martin Grohoľ - 2015.In: Design of energy - efficient buildings 2015 : Proceedings of Scientific Papers - KEGA 052TUKE-4/2013. - Košice : TU, 2015 S. 71-76. - ISBN 978-80-553-2450-0
[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - GROHOĽ, Martin (10%)]

AED010 [176309] **Overview of green technologies in Slovakia** / Jaroslav Kosican, Silvia Vilcekova - 2016.In: Cassootherm 2016 : No conference proceedings of scientific papers. - Košice : TU, 2016 S.

203-207. - ISBN 978-80-553-3041-9
[KOŠIČAN, Jaroslav (60%) - VILČEKOVÁ, Silvia (40%)]

AED011 [176312] **Overview of green technologies in the world** / Jaroslav Kosican, Silvia Vilcekova - 2016.In: Cassotherm 2016 : No Conference Proceedings of Scientific Papers. - Košice : TU, 2016 S. 170-177. - ISBN 978-80-553-3041-9
[KOŠIČAN, Jaroslav (60%) - VILČEKOVÁ, Silvia (40%)]

AED012 [176683] **Posúdenie stavu vnútorného prostredia vo vybraných triedach základnej školy** / Silvia Vilčeková, Ľudmila Mečiarová, Eva Krídlová Burdová - 2016.In: Design of energy efficient buildings 2016 : Proceedings of Scientific Papers. - Košice : TU, 2016 S. 129-138. - ISBN 978-80-553-3064-8
[VILČEKOVÁ, Silvia (40%) - MEČIAROVÁ, Ľudmila (30%) - KRÍDLOVÁ BURDOVÁ, Eva (30%)]

AED013 [176940] **Monitoring kvality vnútorného prostredia v základnej škole** / Ľudmila Mečiarová, Silvia Vilčeková, Eva Krídlová Burdová - 2016.In: Zborník recenzovaných vedeckých prác ÚEI 2016. - Košice : TU. 2016 S. 43-54. - ISBN 978-80-553-3062-4
[MEČIAROVÁ, Ľudmila (30%) - VILČEKOVÁ, Silvia (40%) - KRÍDLOVÁ BURDOVÁ, Eva (30%)]

AED014 [176971] **Prehľad súčasných poznatkov v oblasti využívania zelených technológií** / Andrea Moňoková, Silvia Vilčeková - 2016.In: Zborník recenzovaných vedeckých prác ÚEI 2016. - Košice : TU, 2016 S. 55- 66. - ISBN 978-80-553-3062-4
[MOŇOKOVÁ, Andrea (50%) - VILČEKOVÁ, Silvia (50%)]

AED015 [187729] **Hodnotenie rodinných domov so zelenými materiálmi z hľadiska environmentálnej udržateľnosti** / Andrea Moňoková, Silvia Vilčeková - 2017.In: Zborník recenzovaných vedeckých prác ÚEI 2017. - Košice : TU, 2017 S. 43-50. - ISBN 978-80-553-2893-5
[MOŇOKOVÁ, Andrea (60%) - VILČEKOVÁ, Silvia (40%)]

AED016 [188809] **Kvalita vnútorného prostredia v základnej umeleckej škole** / Ľudmila Mečiarová, Silvia Vilčeková, Nikola Mihaľová - 2017.In: Zborník recenzovaných vedeckých prác ÚEI 2017. - Košice : TU, 2017 S. 31-42. - ISBN 978-80-553-2893-5
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (45%) - MIHAĽOVÁ, Nikola (5%)]

AED017 [188968] **Environmental impact s of family house alternatives with different thermal insulations** / Andrea Moňoková, Silvia Vilčeková - 2017.In: Design of energy efficient buildings 2017 : proceedings of scientific papers. - Košice : TU, 2017 S. 82-87. - ISBN 978-8 0-553-2658-0
[MOŇOKOVÁ, Andrea (60%) - VILČEKOVÁ, Silvia (40%)]

AED018 [199683] **Environmentálne aktivity zamerané na podporu koncepcie udržateľného rozvoja** / Andrea Moňoková, Silvia Vilčeková - 2018.In: Zborník recenzovaných vedeckých prác ÚEI 2018. - Košice (Slovensko) : Technická univerzita v Košiciach s. 55-64 [CD-ROM]. - ISBN 978-80-553-3224-6
[MOŇOKOVÁ, Andrea (80%) - VILČEKOVÁ, Silvia (20%)]

AED019 [200481] **Monitoring of indoor environmental quality in the ultra-low energy house** / Ľudmila Mečiarová ... [et al.] - 2018.In: Zborník recenzovaných vedeckých prác ÚEI 2018. - Košice (Slovensko) : Technická univerzita v Košiciach s. 47-54 [CD-ROM]. - ISBN 978-80-553-3224-6
[MEČIAROVÁ, Ľudmila (20%) - VILČEKOVÁ, Silvia (20%) - SEDLÁKOVÁ, Anna (20%) - TURCSÁNYI, Peter (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%)]

AED020 [200872] **Usage of the solar panel for heating and hot water in an experimental house** / Silvia Vilčeková, Jaroslav Košičan - 2018.In: Cassotherm 2018 : non-conference proceedings of scientific papers. - Košice (Slovensko) : Technická univerzita v Košiciach s. 77-83 [online]. - ISBN 978-80-553-3238-3 Spôsob prístupu:
http://www.svf-tzb.6f.sk/index.php?option=com_content&view=article&id=171&Itemid=157.
[VILČEKOVÁ, Silvia (30%) - KOŠIČAN, Jaroslav (70%)]

AED021 [200963] **Life cycle assessment of a family house comparing different thermal insulation and sources of heating** / Andrea Moňoková, Silvia Vilčeková - 2018.In: Design of energy efficient buildings 2018 : Proceedings of Scientific Papers. - Košice (Slovensko) : Technická univerzita v Košiciach s. 71-76 . - ISBN 978-80-553-3228-4
[MOŇOKOVÁ, Andrea (60%) - VILČEKOVÁ, Silvia (40%)]

AED022 [201038] **Evaluation of family house – case study** / Iveta Selecká, Silvia Vilčeková - 2018.In: Design of energy efficient buildings 2018 : Proceedings of Scientific Papers. - Košice (Slovensko) : Technická univerzita v Košiciach s. 77-86 . - ISBN 978-80-553-3228-4
[SELECKÁ, Iveta (50%) - VILČEKOVÁ, Silvia (50%)]

AED023 [201281] **Development of building environmental assessment system for residential buildings** / Iveta Selecká, Silvia Vilčeková - 2018.In: Cassootherm 2018 : no conference proceedings of scientific papers. - Košice (Slovensko) : Technická univerzita v Košiciach s. 14-27 [print]. - ISBN 978-80-553-3238-3
[SELECKÁ, Iveta (50%) - VILČEKOVÁ, Silvia (50%)]

AEF - Vedecké práce v domácich nerecenzovaných vedeckých zborníkoch, monografiách(1)

AEF001 [86988] **Energy audit and certificat family house/** Silvia Vilčeková - 2009.In: Slovenská adopcia nástrojov a softvéru pre energetickú certifikáciu, audity, monitoring budov. - Bratislava : STU, 2009 S. 181-188. - ISBN 9788022731089
[VILČEKOVÁ, Silvia (100%)]

AFA - Publikované pozvané príspevky na zahraničných vedeckých konferenciách(3)

AFA001 [34233] **Indoor thermal comfort auditing** / Ingrid Senitkova, Silvia Vilcekova - 2004.In: Sustainability of the Housing Projects. - Trento : University of Trento, 2004 6 p. - ISBN 8884430704
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2009 [4] KRÍDLOVÁ-BURDOVÁ, E.: Building Environmental Assessment System and Weight Determination via Saatys Method. In: Mladý vedec 2009, 1.Medzinárodná doktorandská konferencia stavebníctva a architektúry: Podbanské 15.-16.4.2009, p.1-7. Košice, TU, 2009. ISBN 978-80-553-0176-1.

2008 [4] VAŠKOVÁ, A., KRÍDLOVÁ BURDOVÁ, E.: Environmentálne hodnotenie budovy pre seniorov prípadová štúdia. In: Vnútorná klíma budov 2008: Environmentálne hodnotenie a energetická certifikácia budov: 2.-3. decembra 2008. Bratislava: SSTP, 2008. S. 57-63. ISBN 978-80-89216-26-0.

2009 [4] FLIMEL, M.: Vybrané problémy environmentálneho hodnotenia vplyvu reklamných prvkov na vnútornú klímu budov. In: Vnútorná klíma budov 2009 : Enviromentálne hodnotenie vnútorného prostredia budov : Tatranská Štrba, 1.-2. decembra 2009. Bratislava : SSTP, 2009. S. 41-46. ISBN 978-80-89216-31-4.

AFA002 [34283] **Indoor air quality auditing** / Ingrid Senitkova, Silvia Vilcekova - 2004.In: Sustainability of the Housing Projects. - Trento : University of Trento, 2004 6 p. - ISBN 8884430704
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2009 [4] KRÍDLOVÁ-BURDOVÁ, E.: Building Environmental Assessment System and Weight Determination via Saatys Method. In: Mladý vedec, 1. Medzinárodná doktorandská konferencia stavebníctva a architektúry: Podbanské 15.-16.4.2009. Košice : TU, 2009. S.1-7. ISBN 978-80-553-0176-1.

2007 [3] EŠTOKOVÁ, A.: Methods for environmental assessment of building materials. In: Visnik nacionalnogo universitetu L'vivska politechnika: Teorija i praktika budivnictva. No. 600 (2007), p. 368-371.

ISSN 0321-0499.

2008 [4] VAŠKOVÁ, A., KRÍDLOVÁ BURDOVÁ, E.: Environmentálne hodnotenie budovy pre seniorov prípadová štúdia. In: Vnútorná klíma budov 2008: Environmentálne hodnotenie a energetická certifikácia budov: 2.-3. decembra 2008. Bratislava: SSTP, 2008. S. 57-63. ISBN 978-80-89216-26-0.

AFA003 [34376] **Sustainable bulging design** / Ingrid Šenitková, Silvia Vilčeková - 2004.In: Budownictwo Energooszczedne. Tom 1, Problemy projektowania, realizacji i eksploatacji budynków o niskim zapotrzebowaniu na energię. - [Kraków] : Asterias Sp. z o.o., 2004 P. 237-243. - ISBN 8386161051 [ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách(8)

AFB001 [22216] **Overenie matematicko-fyzikálneho modelu predikcie výskytu oxidov dusíka vo vnútornom prostredí budov** / I. Šenitková, S. Vilčeková - 2002.In: Vnútorná klíma budov. - Bratislava : SSTP Bratislava, 2002 S. 109-115. - ISBN 8096747959 [ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFB002 [25559] **Energetický audit budov** / Ingrid Šenitková, Silvia Vilčeková - 2003.In: Budova a energia 5 : 5. vedecká konferencia s medzinárodnou účasťou : Podbanské, 17.-19.9.2003. - Košice : Tulip reklama, Košice, 2003 S. 289-292. - ISBN 8080730210 [ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFB003 [25655] **Určujúce parametre pre predikciu výskytu oxidov dusíka vo vnútornom prostredí budov** / Silvia Vilčeková - 2003.In: Ochrana ovzdušia. - Bratislava : Dom techniky ZSVTS, 2003 S. 236-241. - ISBN 8023304887 [VILČEKOVÁ, Silvia]

AFB004 [25675] **Environmentálny audit budov** / Silvia Vilčeková, Ingrid Šenitková - 2003.In: Vnútorná klíma budov 2003. - Bratislava : SSTP Bratislava, 2003 S. 80-83. - ISBN 8096903004 [VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

Ohlasy:

2008 [4] VAŠKOVÁ, A., KRÍDLOVÁ BURDOVÁ, E.: Environmentálne hodnotenie budovy pre seniorov prípadová štúdia. In: Vnútorná klíma budov 2008: Environmentálne hodnotenie a energetická certifikácia budov: 2.-3. decembra 2008. Bratislava: SSTP, 2008. S. 57-63. ISBN 978-80-89216-26-0.

AFB005 [25681] **Radónové riziko v priestoroch vnútorných bazénov rodinných domov** / Ingrid Šenitková, Martina Bučáková, Silvia Vilčeková - 2003.In: Vnútorná klíma budov 2003. - Bratislava : SSTP Bratislava, 2003 S. 60-63. - ISBN 8096903004 [ŠENITKOVÁ, Ingrid (33%) - BUČÁKOVÁ, Martina (33%) - VILČEKOVÁ, Silvia (33%)]

AFB006 [34284] **Human odours and perceived air quality** / Ingrid Šenitková, Silvia Vilčeková, Martina Bučáková - 2004.In: Indoor climate of buildings '04. - Bratislava : SSTP, 2004 S. 117-122. - ISBN 809690308X [ŠENITKOVÁ, Ingrid (40%) - VILČEKOVÁ, Silvia (30%) - BUČÁKOVÁ, Martina (30%)]

AFB007 [45720] **Systémy environmentálneho hodnotenia a klasifikácie budov** / Sivia Vilčeková, Ingrid Šenitková - 2005.In: Vnútorná klíma budov 2005 : 16. Konferencia : 29.-30.11.2005, Štrbské Pleso, Slovensko. - Bratislava : SSTP, 2005 S. 95-100. - ISBN 8089216056 [VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

Ohlasy:

2008 [3] ŠTEFKO, Jozef, MÚČKA, Martin Environmentálne vlastnosti drevených stavebných konštrukcií In: Drévostavby 2008 : Sborník prednášiek z odborného seminára se zahraniční účasti : Volyně, 2008 P. 209-216 ISBN: 978-80-86837-18-5

2010 [4] ŠTEFKO, Jozef Moderné drevostavby In: Moderné drevostavby 135 s ISBN: 80-967718-9-2

2011 [4] KAMENSKÝ, Martin Znižovanie energetickej náročnosti budov v súlade s kritériami trvalej udržateľnosti In: Seminár doktorandov 2011 Ústavu budov a prostredia : 3. ročník : Zborník vedeckých prác : Košice, 09. - 10. február 2011 [CD-ROM] S. 59-62 ISBN: 978-80-553-0622-3

2008 [3] BURDOVÁ, E.: Systém environmentálneho hodnotenia budov. In: Juniorstav 2008: 10. Odborná konferencia doktorského studia: Sborník anotací: 23.1.2008. Brno: Vysoké učení technické, 2008. p. 1-8. ISBN 978-80-86433-45-5.

2009 [4] FILLOVÁ, E., KALÚS, D.: Environmentálne hodnotenie vnútorného prostredia – analýza súčasného stavu. In: Vnútorná klíma budov 2009 : Enviromentálne hodnotenie vnútorného prostredia budov : Tatranská Štrba, 1.-2. decembra 2009. Bratislava : SSTP, 2009. S. 183-185. ISBN 978-80-89216-31-4.

AFB008 [55090] **Vhodnosť aplikácií nástrojov environmentálneho hodnotenia budov** / Silvia Vilčeková, Eva Burdová, Ingrid Šenitková - 2006. In: Vnútorná klíma budov 2006 : 17. konferencia : Tatranská Lomnica, 2006. - Bratislava : SSTP Bratislava, 2006 S. 109-114. - ISBN 8089216129 [VILČEKOVÁ, Silvia (33%) - BURDOVÁ, Eva (33%) - ŠENITKOVÁ, Ingrid (33%)]

Ohlasy:

2011 [4] KAMENSKÝ, Martin Znižovanie energetickej náročnosti budov v súlade s kritériami trvalej udržateľnosti In: Seminár doktorandov 2011 : 3. ročník : zborník vedeckých prác : Košice, 09.-10. február 2011 S. 59-62 ISBN: 978-80-553-0622-3

AFC - Publikované príspevky na zahraničných vedeckých konferenciách(118)

AFC001 [22131] **Prediction of indoor nitrogen oxides concentration** / I. Šenitková, S. Vilčeková - 2002. In: Indoor Air 2002. - Santa Cruz : [s.n.], 2002 P. 286-291. [ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2008 [4] ZELENÁKOVÁ, M., JAKUBÍKOVÁ, A.: Use of dimensional analysis for soil loss in watershed modelling. In: Selected Scientific Papers. Roč. 3, č. 2 (2008), s. 61-72. ISSN 1336-9024.

AFC002 [74769] **Indoor environmental quality in assessment system of buildings** / Silvia Vilčeková, Eva Burdová - 2008. In: Indoor Air 2008. - Lyngby : International Centre for Indoor Environment and Energy, 2008 8 p. - ISBN 9788778772701 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

Ohlasy:

2009 [3] DOLEŽÍLKOVÁ, H.: Kvalita vnitřního vzduchu v koupelnách. In: TZB-info [online]. (2009), 7 p. ISSN 1801-4399. Dostupné na internete: <http://www.tzb-info.cz/t.py?t=2i=5413>

2009 [3] DOLEŽÍLKOVÁ, H.: Modelování vlhkosti programem Contam 2.4. In: TZB-info [online]. (2009), 7 p. ISSN 1801-4399. Dostupné na internete: <http://www.tzb-info.cz/t.py?t=2i=5684>

AFC003 [76522] **Energy performance and environmental assessment of buildings in Slovakia = Energetyczna i środowiskowa ocena budynków na Słowacji** / Silvia Vilčeková, Eva Burdová - 2008. In: ENERGOPOM 2008. - Kraków : ASTERIAS, 2008 P. 443-448. - ISBN 8386161051 [VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

AFC004 [84480] **Weight determination of building environmental assessment indicators** / Eva Krídlová Burdová, Silvia Vilčeková, Ingrid Šenitková - 2009. In: Geodesy, Architecture and Construction. - Lviv : Polytechnic National University, 2009 P. 71-74.

[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFC005 [86273] **Indoor air quality in Slovakia** / S. Vilčeková, I. Šenitková - 2009. In: CEST 2009. - Chania : University of the Aegean, 2009 P. B-1002-B1009. - ISBN 9789607475466 [VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

AFC006 [87169] **Building environmental assessment system verification** / Silvia Vilčeková, Eva Krídlová Burdová, Ingrid Šenitková - 2009. In: Healthy buildings 2009. - S.l. : s.n., 2009 P. 1-4. [VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFC007 [103558] **Introduction to theory of sustainable building design and facility management of buildings** / Jarmila Rimbalová, Silvia Vilčeková - 2010. - 1 elektronický optický disk (CD-ROM). In: TECHSTA 2010 : 8th International Conference Management and Technologies for Sustainable Development in the Building Industry : 15 - 17 September 2010, Prague. - Praha : ČVUT, 2010 P. 283-288. - ISBN 978-80-01-04605-0 [RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFC008 [105100] **Building environmental assessment system in Italy and Slovakia** / A. Frattari, E. Krídlová Burdová, S. Vilčeková - 2010. - 1 elektronický optický disk (CD-ROM). In: 37th IAHS World congress on housing science: design, technology, refurbishment and management of buildings: 26. - 29.10.2010, Santander, Spain. - Santander : University of Cantabria, 2010 P. 1-8. - ISBN 978-84-693-6657-8 [FRATTARI, Antonio (33%) - KRÍDLOVÁ BURDOVÁ, Eva (34%) - VILČEKOVÁ, Silvia (33%)]

Ohlasy:

2013 [3] SCALBI, Simona Mappatura nazionale dei gruppi E delle attività nel campo Dell'analisi del ciclo di vita (lca) Anno 2012 In: Mappatura nazionale dei gruppi E delle attività nel campo Dell'analisi del ciclo di vita (lca) Anno 2012 P. 76 ISBN: 978-88-8286-279-4

2011 [3] CAPPELLARO, Francesca, SCALBI, Simona La rete italiana lca: Prospettive e sviluppi del Life cycle assessment in italia In: La rete italiana lca: Prospettive e sviluppi del Life cycle assessment in italia P. 9-20 ISBN: 978-88-8286-240-4

AFC009 [105102] **Building environmental assessment - water management** / Silvia Vilčeková, Eva Krídlová Burdová - 2010. - 1 elektronický optický disk (CD-ROM). In: Budovy a prostředí 2010 : 5. mezinárodní konference : 20.-21.10.2010, Brno : sborník příspěvků. - Brno : VUT, 2010 P. 210-213. - ISBN 978-80-214-4155-2 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC010 [105104] **New approach to integrated assessment of buildings** / Silvia Vilčeková, Eva Krídlová Burdová - 2010. In: People, Buildings and Environment 2010 : international scientific conference: 10. - 12.11.2010, Křtiny, Czech Republic. - Brno : Akademické vydavatelství CERM, 2010 P. 317-323. - ISBN 978-80-7204-705-5 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC011 [105107] **Analysis of indoor environmental indicators assessment** / E. Krídlová Burdová, I. Pilipová, S. Vilčeková - 2010. In: Budovy a prostředí 2010: Buildings and Environment 2010: 20. - 21.10.2010: Brno. - Brno: Fakulta stavební: 2010 s.. - ISBN 978-80-214-4155-2 [KRÍDLOVÁ BURDOVÁ, Eva (20%) - PILIPOVÁ, Ivana (60%) - VILČEKOVÁ, Silvia (20%)]

AFC012 [105595] **Introduction to management of sustainable buildings** / Jarmila Rimbalová, Silvia Vilčeková - 2010. In: People, Buildings and Environment 2010 : international scientific conference: 10. - 12.11.2010, Křtiny, Czech Republic. - Brno : Akademické vydavatelství CERM, 2010 P. 276-282. - ISBN 978-80-7204-705-5 [RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFC013 [87173] **Building environmental assessment tool** / S. Vilčeková, E. K. Burdová, I. Šenitková - 2010. In: Challenges, Opportunities and Solutions in Structural Engineering and Construction. - London : Taylor & Francis Group, 2010 P. 843-849. - ISBN 9780415568098
[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFC014 [96612] **Verification of new building environmental assessment system in Slovakia** / Eva Krídlová Burdová, Silvia Vilčeková, Ingrid Šenitková - 2010. - 1 elektronický optický disk (CD-ROM). In: Clima 2010 : 10th REHVA World Congress : Sustainable Energy Use in Buildings : 9-12 May, Antalya, Turkey. - [s.l.] : [s.n.], 2010 P. 1-8. - ISBN 978-975-6907-14-6
[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFC015 [97590] **Environmental assessment of selected residential building in term of used materials** / Adriana Eštoková, Milan Porhinčák, Silvia Vilčeková - 2010. In: 14th Conference on Environment and Mineral Processing : Part 2 : 3.-5.6.2010, VŠB-TU, Ostrava, Czech Republic. - Ostrava : VŠB-TU, 2010 P. 45-50. - ISBN 978-80-248-2209-9
[EŠTOKOVÁ, Adriana (40%) - PORHINČÁK, Milan (40%) - VILČEKOVÁ, Silvia (20%)]

AFC016 [99004] **Building environmental assessment system - weight determination** / Ingrid Šenitková, Eva Krídlová Burdová, Silvia Vilčeková - 2010. - 1 elektronický optický disk (CD-ROM). In: CESB 10 : Central Europe towards Sustainable Building : 30 June - 2 July 2010, Prague : conference proceedings. - Praha : Grada Publishing, 2010 P. 1-10. - ISBN 978-80-247-3634-1
[ŠENITKOVÁ, Ingrid (10%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%)]

AFC017 [99009] **Education and training in the field of sustainable building design** / Ingrid Šenitková, Silvia Vilčeková - 2010. - 1 elektronický optický disk (CD-ROM). In: CESB 10 : Central Europe towards Sustainable Building : 30 June - 2 July 2010, Prague : conference proceedings. - Praha : Czech Technical University, 2010 P. 1-6. - ISBN 978-80-247-3634-1
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFC018 [107502] **New approach to integrated sustainable building assessment in Slovakia** / E. Krídlová Burdová, S. Vilčeková - 2011. - 1 elektronický optický disk (CD-ROM). In: Sustainable construction of buildings 2011: udržitelná výstavba budov : 3.-4.2.2011, Praha. - Praha : ČVUT, 2011 P. 111-118. - ISBN 978-80-01-04733-0
[KRÍDLOVÁ BURDOVÁ, Eva (70%) - VILČEKOVÁ, Silvia (30%)]

AFC019 [110443] **Site selection and project planning resulting in sustainable buildings** / Silvia Vilčeková, Eva Krídlová Burdová, Marcela Ondová - 2011. - 1 elektronický optický disk (CD-ROM). In: Environmental Engineering : 8th International Conference : proceedings : selected papers : May 19-20, 2011, Vilnius, Lithuania. - Vilnius : GTU, 2011 P. 1009-1013. - ISBN 978-9955-28-831-2
[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (50%) - ONDOVÁ, Marcela (5%)]

Ohlasy:

2011 [3] OCIPOVA, D. et al. Implementation of water-saving culture in the conditions of the Slovak Republic In: Water Supply and Drainage for Buildings : 37th International Symposium : 25.-28. september, Aveiro, Portugal Vol. 37, no. (2011): p. 369-374 ISBN: 978-989-97476-0-9

2012 [1] MASKELIUNAITE, L., SIVILEVIČIUS, H. Expert evaluation of criteria describing the quality of travelling by international passenger train: Technological, economic and safety perspectives In: Technological and Economic Development of Economy Vol. 18, no. 3 (2012), p. 544-566 ISSN: 1392-8619

AFC020 [110791] **Dimensional analysis application for modeling and prediction of the indoor nitrogen oxides** / Silvia Vilčeková, Ingrid Šenitková - 2011. In: Indoor Air 2011 : The 12th International Conference on Indoor Air Quality and Climate : 5. - 10. June 2011, Austin, Texas. P. 1-6. Spôsob prístupu: <http://lifelong.engr.utexas.edu/2011/index.html>.
[VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

AFC021 [111162] **Environmental Assessment of Site Selection and Project Planning Indicators in BEAS** / Eva Krídlová Burdová, Silvia Vilčeková - 2011. In: SGEM 2011 : 11th International Multidisciplinary Scientific GeoConference : Conference Proceedings : Volume 3 : 20-25 June, 2011, Bulgaria. - Sofia : STEF92 Technology, 2011 P. 303-310. - ISSN 1314-2704 [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFC022 [111179] **Indoor nitrogen oxides occurrence, modeling and prediction** / Silvia Vilcekova, Ingrid Senitkova - 2011. - 1 elektronický optický disk (CD-ROM). In: ISEC-6 : Modern Methods and Advances in Structural Engineering and Construction : 21- 26 June 2011, Zürich, Switzerland. - Singapore : Research Publishing Services, 2011 P. 1105-1109. - ISBN 978-981-08-7920-4 [VILČEKOVÁ, Silvia (60%) - ŠENITKOVÁ, Ingrid (40%)]

AFC023 [117514] **Environmental assessment of office buildings according to BEAS** / Eva Krídlová Burdová, Silvia Vilčeková - 2011. - 1 elektronický optický disk (CD-ROM). In: ICEUBI2011 : International Conference on Engineering UBI2011 : Innovation and Development : Covilhã, Portugal, 28-30, November 2011. - Covilhã : Universidade da Beira Interior, 2011 P. 1-6. - ISBN 978-989-654-079-1 [KRÍDLOVÁ BURDOVÁ, Eva (70%) - VILČEKOVÁ, Silvia (30%)]

AFC024 [117516] **An identifying and weighting of fields in building environmental assessment system** / Eva Krídlová Burdová, Silvia Vilčeková - 2011. - 1 elektronický optický disk (CD-ROM). In: ICEUBI2011 : International Conference on Engineering UBI2011 : Innovation and Development : Covilhã, Portugal, 28-30, November 2011. - Covilhã : Universidade da Beira Interior, 2011 P. 1-6. - ISBN 978-989-654-079-1 [KRÍDLOVÁ BURDOVÁ, Eva (70%) - VILČEKOVÁ, Silvia (30%)]

AFC025 [117965] **Building environmental assessment according to BEAS** / Eva Krídlová Burdová, Silvia Vilčeková - 2011. In: Geodesy, architecture and construction 2011: proceedings of the 4th international conference of young scientists : November 24-26, 2011, Lviv, Ukraine. - Lviv : Publishing House of Lviv Polytechnic, 2011 P. 20-21. - ISBN 978-617-607-159-4 [KRÍDLOVÁ BURDOVÁ, Eva (70%) - VILČEKOVÁ, Silvia (30%)]

AFC026 [119744] **Energy performance indicators developing** / Eva Krídlová Burdová, Silvia Vilčeková - 2012. In: Energy Procedia : International Conference on Advances in Electrical and Electronics Engineering. (ICAEE'2011) : 7th-8th October 2011, Pattaya, Thailand. Vol. 4 (2012), p. 1175-1180. - ISSN 1876-6102 Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S1876610211044924>. [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2015 [1] ALYAMI, Saleh H. - REZGUI, Yacine - KWAN, Alan The development of sustainable assessment method for Saudi Arabia built environment: weighting system In: Sustainability Science Vol. 10, no. 1 (2015), p. 167-178 ISSN: 1862-4065

2016 [1] BOEMI, Sofia-Natalia - TZIOGAS, Charalampos Indicators for Buildings' Energy Performance In: Energy Performance of Buildings : Energy Efficiency and Built Environment in Temperate Climate P. 79-93 ISBN: 978-3-319-20830-5

2017 [3] BAGLOU, Mona - GHODDOUSI, Parviz - SAEEDI, Mohsen Evaluation of Building Materials Based on Sustainable Development Indicators In: Journal of Sustainable Development Vol. 10, no. 4 (2017), p. 143-151 ISSN: 1913-9063

2017 [1] WANG, L. et al. An urban energy performance evaluation system and its computer implementation In: Journal of Environmental Management Vol. 204 (2017), p. 684-694 ISSN: 0301-4797

AFC027 [121155] **Indicators identifying and weighting in building environmental assessment system** / Eva Krídlová Burdová, Silvia Vilčeková - 2012. In: Visions for the Future of Housing : Mega

Cities : proceedings of the 38th IAHS World Congress : Istanbul, Turkey, April 16-19, 2012. - Istanbul : Technical University, 2012 P. 160-165. - ISBN 978-975-561-417-5
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFC028 [121935] **Slovak building environmental assessment system** / E. K. Burdová, S. Vilčeková - 2012. - 1 elektronický optický disk (CD-ROM).In: BSA 2012 : Building Sustainability Assessment 2012 : Proceedings of the 1st International Conference on Building Sustainability Assessment : 23. - 25.5.2012, Porto, Portugal. - Porto : Green Lines Institute for Sustainable Development, 2012 P. 213-222. - ISBN 978-989-95671-7-7
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFC029 [122471] **Environmental assessment of building materials and constructions** / Eva Krídlová Burdová, Silvia Vilčeková - 2012.In: Applied Mechanics and Materials : Advanced Building Materials and Sustainable Architecture : International Conference on Civil Engineering, Architecture and Building Materials (CEABM). - Zurich : Trans Tech Publications, 2012 Vol.174-177 (2012), p. 3161-3165. - ISBN 978-3-03785-423-5 - ISSN 1660-9336 Spôsob prístupu:

http://www.scopus.com/record/display.url?eid=2-s2.0-84861664976&origin=resultslist&sort=plf-f&src=s&st1=burdov%C3%A1&sid=Tr_NKSmY7TW2lt4AP3FkkFH%3a30&so=b&sdt=b&sl=20&s=AUTHOR-NAME%28burdov%C3%A1%29&relpos=0&relpos=0&searchTerm=AUTHOR-NAME%28burdov%C3%A1%29
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2013 [3] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Introduction to Environmental Assessment of Secondary Raw Materials In: 39th IAHS The International Association for Housing Science : Volume 1 : Changing Needs, Adaptive Buildings, Smart Cities [USB] P. 673-679 ISBN: 9788864930138

2013 [1] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Environmental assessment of fly ash concrete In: Chemical Engineering Transactions Vol. 35 (2013), p. 841-846 ISSN: 1974-9791

2013 [3] ONDOVÁ, Marcela, ŠTEVULOVÁ, Nadežda Slovak fly ash as cement substitution in the concrete road pavements 99 p. ISBN: 978-3-659-51273-5

2014 [3] BAŠKOVÁ, Renáta, SPIŠÁKOVÁ, Marcela, SMREK, Martin Environmental-Economic Assessment of Thermal Insulation for External Load Bearing Walls In: enviBUILD 2014 : Buildings and Environment: International Conference proceedings : Proceedings : 18-19 September 2014, Brno P. 113-116 ISBN: 978-80-214-5003-5

2014 [4] VACLAVIK, Vojtech, ONDOVÁ, Marcela Plain concrete based on blast furnace slag and its impact on the environment In: 78 s. ISBN: 978-80-553-1770-0

AFC030 [123067] **A Slovak environmental rating tool for buildings** / Eva Krídlová Burdová ... [et al.] - 2012. - 1 elektronický optický disk (CD-ROM).In: SGEM 2012 : 12th International Multidisciplinary Scientific GeoConference : conference proceedings : Volume 5 : 17-23 June, 2012, Albena, Bulgaria. - Sofia : STEF92 Technology Ltd., 2012 P. 13-20. - ISSN 1314-2704
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (35%) - KRÍDLO, Ondrej (5%) - NAGY, Richard (5%) - HÍREŠ, Juraj (5%)]

AFC031 [124022] **An analytical method to assessment of facility management services in case study** / Silvia Vilčeková, Jarmila Rimblová - 2012. - 1 elektronický optický disk (CD-ROM).In: SGEM 2012 : 12th International Multidisciplinary Scientific GeoConference : conference proceedings : Volume 4 : 17-23 June, 2012, Albena, Bulgaria. - Sofia : STEF92 Technology Ltd., 2012 P. 839-846. - ISSN 1314-2704
[VILČEKOVÁ, Silvia (50%) - RIMBALOVÁ, Jarmila (50%)]

AFC032 [125859] **A methodology to identify and classify of facility management services** / Silvia Vilčeková, Jarmila Rimblová - 2012.In: Lecture Notes in Information Technology vol. 21 : ICTAM 2012. -

Delaware : IERI, 2012 P. 1-8. - ISBN 978-1-61275-022-4 - ISSN 2070-1918
[VILČEKOVÁ, Silvia (50%) - RIMBALOVÁ, Jarmila (50%)]

AFC033 [127296] **Evaluation of environmental sustainability of material compositions of building structures** / Monika Čuláková, Silvia Vilčeková, Eva Krídlová Burdová - 2012.In: The 2nd World Sustainability Forum : 1. - 30. November 2012, Basel. - Basel : MDPI, 2012 P. 1-6. - ISBN 3-906980-28-6
Spůsob přístupu: <http://www.sciforum.net/presentation/917/>.
[ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

AFC034 [128015] **Analysis of buildings materials indicators in system of building environmental assessment** / Eva Krídlová Burdová, Silvia Vilčeková, Monika Čuláková - 2012.In: CzechStav 2012 : Trendy ve stavebnictví : sborník příspěvků z mezinárodní vědecké konference : 22. - 26. října 2012, Hradec Králové, ČR. - Hradec Králové : Magnanimitas, 2012 P. 202-207. - ISBN 978-80-905243-1-6
[KRÍDLOVÁ BURDOVÁ, Eva (34%) - VILČEKOVÁ, Silvia (33%) - ČULÁKOVÁ, Monika (33%)]

AFC035 [132873] **Multi-criteria analysis of material compositions of external walls** / Monika Čuláková ... [et al.] - 2013.In: Advanced Materials Research : EME 2012 : International Conference on Environmental and Materials Engineering : 9.-10. December 2012, Seol, South Korea. Vol. 664 (2013), p. 485-490. - ISBN 978-303785601-7 - ISSN 1662-8985 Spůsob přístupu:
<http://www.scopus.com/record/display.url?origin=recordpage&eid=2-s2.0-84874823650&noHighlight=false&sort=plf-f&src=s&st1=culakova%2cm&sid=3CD08141A9CEC6CF83651DCED48E6F51.FZq2ODcJC9ArCe8WOZPvA%3a240&sot=b&sdt=b&sl=23&s=AUTHOR-NAME%28culakova%2cm%29&relpos=0>.
[ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - KATUNSKÁ, Jana (10%)]

Ohlasy:

2018 [1] ZANGHELINI, Guilherme Marcelo - CHERUBINI, Edivan - SOARES, Sebastião Roberto How Multi-Criteria Decision Analysis (MCDA) is aiding Life Cycle Assessment (LCA) in results interpretation In: Journal of Cleaner Production Vol. 172 (2018), p. 609-622 ISSN: 0959-6526

AFC036 [135022] **Smart buildings and perceived discomfort in indoor environment** / Ivana Pilipová, Silvia Vilčeková - 2013.In: CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on IAQVEC : Energy Efficient, Smart and Healthy Buildings : June 16-19, 2013, Prague. - Praha : Society of Environmental Engineering, 2013 P. 1-10. - ISBN 978-80-260-4001-9
[PILIPOVÁ, Ivana (50%) - VILČEKOVÁ, Silvia (50%)]

AFC037 [135033] **Environmental analysis and optimization of material compositions of building structures of zero-energy houses** / Monika Čuláková, Silvia Vilčeková - 2013.In: CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on IAQVEC : Energy Efficient, Smart and Healthy Buildings : June 16-19, 2013, Prague. - Praha : Society of Environmental Engineering, 2013 P. 1-9. - ISBN 978-80-260-4001-9
[ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (50%)]

AFC038 [135041] **A methodology to identify and classify of facility management services and its application in practice** / Silvia Vilčeková, Jarmila Rimbalová - 2013.In: CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on IAQVEC : Energy Efficient, Smart and Healthy Buildings : June 16-19, 2013, Prague. - Praha : Society of Environmental Engineering, 2013 P. 1-9. - ISBN 978-80-260-4001-9
[VILČEKOVÁ, Silvia (50%) - RIMBALOVÁ, Jarmila (50%)]

Ohlasy:

2016 [3] YI MAN LI, Rita Aspiration for Living Quality In: Aspiration for Living Quality : Consultancy report for China Real Estate Chamber of Commerce Hong Kong Chapter Limited P. 32

AFC039 [135072] **Analysis of indoor environmental quality indicators** / Eva Krídlová Burdová, Silvia Vilčeková, Monika Čuláková - 2013.In: CLIMA 2013 : 11th REHVA World Congress and the 8th

International Conference on IAQVEC : Energy Efficient, Smart and Healthy Buildings : June 16-19, 2013, Prague. - Praha : Society of Environmental Engineering, 2013 P. 1-10. - ISBN 978-80-260-4001-9 [KRÍDLOVÁ BURDOVÁ, Eva (34%) - VILČEKOVÁ, Silvia (33%) - ČULÁKOVÁ, Monika (33%)]

AFC040 [135364] **Comparison of material compositions of structures in terms of environmental and energy performance** / Monika Čuláková, Silvia Vilčeková - 2013.In: CESB13 : : Central Europe towards Sustainable Building : Sustainable building and refurbishment for next generations : proceedings : 26. - 28.6.2012, Prague. - Prague : Grada, 2013 P. 1-10. - ISBN 978-80-247-5017-0 [ČULÁKOVÁ, Monika (50%) - VILČEKOVÁ, Silvia (50%)]

AFC041 [135399] **Perceived comfort and discomfort in office buildings** / Ivana Pilipová, Silvia Vilčeková - 2013.In: CESB13 : : Central Europe towards Sustainable Building : Sustainable building and refurbishment for next generations : proceedings : 26. - 28.6.2012, Prague. - Praha : Grada, 2013 P. 1-4. - ISBN 978-80-247-5017-0 [PILIPOVÁ, Ivana (50%) - VILČEKOVÁ, Silvia (50%)]

AFC042 [136469] **Multi-criteria decision analysis of environmental sustainability of building structures** / Monika Čuláková, Silvia Vilčeková, Eva Krídlová Burdová - 2013.In: ISEC-7 : the Seventh International Structural Engineering and Construction Conference : New Developments in Structural Engineering and Construction : Honolulu, June 18-23, 2013. - Singapore : Research Publishing Services, 2013 P. 1559 -1564. - ISBN 978-981-07-5355-9 [ČULÁKOVÁ, Monika (40%) - VILČEKOVÁ, Silvia (30%) - KRÍDLOVÁ BURDOVÁ, Eva (30%)]

AFC043 [136482] **Verification of Slovak environmental assessment system of buildings** / Eva Krídlová Burdová, Silvia Vilčeková, Monika Čuláková - 2013.In: ISEC-7 : the Seventh International Structural Engineering and Construction Conference : New Developments in Structural Engineering and Construction : Honolulu, June 18-23, 2013. - Singapore : Research Publishing Services, 2013 P. 1709-1714. - ISBN 978-981-07-5355-9 [KRÍDLOVÁ BURDOVÁ, Eva (34%) - VILČEKOVÁ, Silvia (33%) - ČULÁKOVÁ, Monika (33%)]

AFC044 [136959] **Evaluation of environmental indicators of building materials and results implementation to building environmental assessment system** / Silvia Vilčeková, Monika Čuláková, Eva Krídlová Burdová - 2013.In: CEST 2013 : proceedings of the 13th International Conference on Environmental Science and Technology : 5 - 7 September 2013, Athens, Greece. - Aegean : University of the Aegean, 2013 P. 1-6. - ISBN 978-960-7475-51-0 [VILČEKOVÁ, Silvia (40%) - ČULÁKOVÁ, Monika (20%) - KRÍDLOVÁ BURDOVÁ, Eva (40%)]

AFC045 [136960] **Study of indoor air quality in selected office building** / Silvia Vilčeková, Adriana Eštoková, Ivana Pilipová - 2013.In: CEST 2013 : proceedings of the 13th International Conference on Environmental Science and Technology : 5 - 7 September 2013, Athens, Greece. - Aegean : University of the Aegean, 2013 P. 1-7. - ISBN 978-960-7475-51-0 [VILČEKOVÁ, Silvia (40%) - EŠTOKOVÁ, Adriana (40%) - PILIPOVÁ, Ivana (20%)]

Ohlasy:

2016 [1] ZAKARIA, S. et al. Indoor Air Quality (IAQ) Monitoring In Academic Management Centre In: Journal of Occupational Safety and Health Vol. 13, no. 1 (2016), p. 33-40 ISSN: 1675-5456

AFC046 [137277] **Multi-criteria analysis of material selection for sustainable building design** / Monika Čuláková, Silvia Vilčeková, Eva Krídlová Burdová - 2013.In: 39th IAHS : proceedings of the thirty-ninth World Congress of Housing Science : volume 2 : Milano, Italy, September 17-20, 2013. - Milano: PoliScript, 2013 P. 251-258. - ISBN 9788864930206 [ČULÁKOVÁ, Monika (34%) - VILČEKOVÁ, Silvia (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

AFC047 [137308] **Environmental assessment of selected building – case study** / Silvia Vilcekova, Eva Kridlova Burdova, Miroslava Snopkova - 2013.In: SGEM 2013 : 13th International Multidisciplinary Scientific Geoconference : Nano, bio and green - technologies for a sustainable future : conference

proceedings : 16-22 June, 2013, Albena, Bulgaria. - Albena : STEF92 Technology Ltd., 2013 P. 633-640. - ISBN 978-619-7105-06-3

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - SNOPKOVÁ, Miroslava (5%)]

Ohlasy:

2014 [3] KOZLOVSKÁ, Mária Sustainability of Construction from Perspective of Applications Technologies for Green Buildings In: SGEM 2014 : 14th international multidisciplinary scientific geoconference : Geoconference on Nano, Bio and Green-Technologies for Sustainable Future : conference proceedings : volume 2 : 17-26 June, 2014, Albena, Bulgaria P. 323-330 ISSN: 1314-2704 ISBN: 978-619-7105-21-6

AFC048 [137309] **Analysis of environmental and social aspects in low energy house - case study** / Silvia Vilcekova ... [et al.] - 2013.In: SGEM 2013 : 13th International Multidisciplinary Scientific Geoconference : Nano, bio and green - technologies for a sustainable future : conference proceedings : 16-22 June, 2013, Albena, Bulgaria. - Albena : STEF92 Technology Ltd., 2013 P. 555-561. - ISBN 978-619-7105-06-3

[VILČEKOVÁ, Silvia (30%) - SEDLÁKOVÁ, Anna (20%) - KAPALO, Peter (20%) - ČULÁKOVÁ, Monika (5%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - GELETKA, Vladimír (5%)]

Ohlasy:

2014 [3] BELIŠOVÁ, Gabriela Renaissance windows restoration and its practical applicability In: Ingineria Instalatiilor No. 3 (2014), p. 47-50 ISSN: 2284-9769

AFC049 [137311] **Respondents' comfort and productivity in smart indoor environment - case study** / Ivana Pilipová, Silvia Vilčeková - 2013.In: 39th IAHS : proceedings of the thirty-ninth World Congress of Housing Science : volume 1 : Milano, Italy, September 17-20, 2013. - Milano: PoliScript, 2013 P. 259-266. - ISBN 9788864930138

[PILIPOVÁ, Ivana (50%) - VILČEKOVÁ, Silvia (50%)]

AFC050 [137312] **The evaluation of key performance indicators of facility management** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Changing Needs, Adaptive Buildings, Smart Cities : proceedings of the thirty-ninth World Congress on Housing Science : 39 IAHS : volume 1 : Milano, September 17-20, 2013. - Miláno : Politecnico di Milano, 2013 P. 741-748. - ISBN 978-88649-3013-8

[RIMBALOVÁ, Jarmila (20%) - VILČEKOVÁ, Silvia (80%)]

AFC051 [137313] **Multicriteria analysis of building assessment in terms of energy performance using a life cycle approach** / S. Vilceková, E. Kridlova Burdova, Lenka Ganova - 2013.In: 5th International Congress on Energy and Environment Engineering and Management : abstracts e-book : Lisbon, 17th-19th July 2013. - Lisbon : Portalegre Polytechnic Institute and Extremadura University , 2013 P. 1-4. - ISBN 978-989-98406-5-2

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - GAŇOVÁ, Lenka (5%)]

AFC052 [140529] **Assessment of Performance of Building Structures in Compliance with Sustainable Concept** / Monika Čuláková, Silvia Vilčeková, Jiří Hejhálek - 2013.In: Advances in Civil, Structural and Environmental Engineering (ACSEE) : Proceedings of the International Conference : 12-13 October, 2013, Zurich, Switzerland. - Newark : Institute of Research Engineers and Doctors, 2013 P. 103-106. - ISBN 978-981-07-7965-8

[ČULÁKOVÁ, Monika (40%) - VILČEKOVÁ, Silvia (40%) - HEJHÁLEK, Jiří (20%)]

AFC053 [146927] **Determination of Assessment Scale of Selected Indicators in BEAS** / Silvia Vilčeková, Eva Krídlová Burdová, Monika Čuláková - 2014.In: Advances in Civil, Structural and Construction Engineering (CSCE) : Proceedings of the International Conference : 07-08 June 2014, Rome, Italy. - USA : Institute of Research Engineers and Doctors, 2014 P. 57-61. - ISBN 978-1-63248-020-0

[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ČULÁKOVÁ, Monika (10%)]

AFC054 [147247] **Impact of indoor environmental quality on users' performance in office – Case study** / Zdenka Budaiová, Silvia Vilčeková - 2014.In: Quaere 2014 : recenzovaný sborník příspěvků vědecké interdisciplinární mezinárodní vědecké konference doktorandů a odborných asistentů : vol. 4 : 26. - 30. května 2014, Hradec Králové, Česká republika. - Hradec Králové : Magnanimitas, 2014 P. 1418-1426. - ISBN 978-80-87952-04-7

[BUDAIOVÁ, Zdenka (50%) - VILČEKOVÁ, Silvia (50%)]

AFC055 [147248] **Measurement of volatile organic compounds with an electronic nose in residential building** / Ľudmila Mečiarová, Silvia Vilčeková - 2014.In: Quaere 2014 : Recenzovaný sborník příspěvků vědecké interdisciplinární mezinárodní vědecké konference doktorandů a odborných asistentů : vol. 4 : 26. - 30. května 2014, Hradec Králové, Česká republika. - Hradec Králové : Magnanimitas, 2014 P. 1410-1417. - ISBN 978-80-87952-04-7

[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFC056 [147661] **Comparison of material compositions of exterior wall in term of environmental and energy performance** / Eva Krídlová Burdová ... [et al.] - 2014.In: Environmental Engineering 2014 : the 9th International Conference : selected papers : May 22-23, 2014, Vilnius, Lithuania. - Vilnius : Gediminas Technical University, 2014 P. 1-5. - ISBN 978-609-457-690-4

[KRÍDLOVÁ BURDOVÁ, Eva (25%) - VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - ŤAŽKÝ, Ladislav (25%)]

AFC057 [147662] **Assessment of alternative solutions of lower structure, taking into account energy and environmental impacts** / Anna Sedláková ... [et al.] - 2014.In: Environmental Engineering 2014 : the 9th International Conference : selected papers : May 22-23, 2014, Vilnius, Lithuania. - Vilnius : Gediminas Technical University, 2014 P. 1-8. - ISBN 978-609-457-690-4

[SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - MAJDLEN, Pavol (25%)]

AFC058 [149239] **Environmentally friendly concrete road pavement** / Marcela Ondová ... [et al.] - 2014.In: Protection and Restoration of the Environment : 12th International Conference : Proceedings : Skiathos Island, June 29 - July 3, 2014. - Thessaloniki : Grafima Publ., 2014 P. 633-639. - ISBN 978-960-88490-6-8

[ONDOVÁ, Marcela (30%) - ŠTEVULOVÁ, Nadežda (20%) - VILČEKOVÁ, Silvia (30%) - MEČIAROVÁ, Ľudmila (20%)]

AFC059 [149534] **Evaluation of Waste Management in Residential Buildings** / Silvia Vilčeková, Eva Krídlová Burdová - 2014.In: Water, Waste and Energy Management : International Congress : 16th - 18th July 2014, Porto, Portugal. - [Portalegre] : Instituto Politécnico de Portalegre, 2014 P. 1-4. - ISBN 978-989-95089-6-5

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC060 [149536] **Evaluation of Water Management in Residential Buildings** / S. Vilčeková, E. Krídlová Burdová - 2014.In: International Congress on Water, Waste and Energy Management : Porto, Portugal, 16-18 July 2014. - Porto : Polytechnic Institute of Portalegre, 2014 P. 1-4. - ISBN 978-989-95089-6-5

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

Ohlasy:

2014 [3] KAPOSZTASOVA, D., VRANAYOVA, Z., MARKOVIC, G. Grey water as a part of in-building water cycle In: CIB W062 : 40th International Symposium on Water Supply and Drainage for Buildings : 8-10 September, 2014 Sao Paulo, Brazil P. 1-8

2014 [3] KAPOSZTASOVA, Daniela et al. Integrated grey water management at the building level In: 40th IAHS World Congress on Housing : Sustainable Housing Construction : December 16-19, 2014, Funchal, Portugal P. 1-10

2015 [3] KAPOSZTASOVA, Daniela Integrated building water management options In: WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT Vol. 11 (2015), s. 282-288 ISSN: 1790-5079

AFC061 [149648] **Occurrence of particulate matters concentrations in office spaces** / Silvia Vilčeková, Adriana Ešťoková, Eva Krídlová Burdová - 2014. In: Protection and Restoration of the Environment : 12th International Conference : Proceedings : Skiathos Island, June 29 - July 3, 2014. - Thessaloniki : Grafima Publ., 2014 P. 1208-1213. - ISBN 978-960-88490-6-8 [VILČEKOVÁ, Silvia (34%) - EŠTOKOVÁ, Adriana (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

AFC062 [149788] **Indoor concentrations of particulate matters at domestic homes** / Ilija Zoran Apostoloski, Silvia Vilčeková - 2014. In: Indoor Air 2014 : The 13th International Conference on Indoor Air Quality and Climate : July 7-12, 2014, Honkong. - Hong Kong : University of Hong Kong, 2014 P. 1-8. - ISBN 978-962-85138-6-4 [APOSTOLOSKI, Ilija Zoran (50%) - VILČEKOVÁ, Silvia (50%)]

AFC063 [150005] **Alternative wall insulation for energy efficient buildings** / Anna Sedláková ... [et al.] - 2014. In: SGEM 2014 : 14th international multidisciplinary scientific geoconference : GeoConference on Energy and Clean Technologies : conference proceedings : volume 2 : 17-26, June, 2014, Albena, Bulgaria. - Sofia : STEF92 Technology Ltd., 2014 P. 19-26. - ISSN 1314-2704 [SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AFC064 [152168] **Evaluation of energy aspects in residential buildings** / Eva Krídlová Burdová, Silvia Vilčeková - 2014. In: Chemical Engineering Transactions : 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014 : Prague, Czech Republic, 23-27 August 2014. Vol. 39, no. special issue (2014), p. 1063-1068. - ISSN 1974-9791 Spôsob prístupu:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84908086864&origin=resultslist&sort=plf-f&src=s&st1=burdova+e+k&sid=A3B63DF8A33D4B0795D9009204DF0728.WXhD7YyTQ6A7Pvk9AIA%3a20&so=b&sdt=b&sl=24&s=AUTHOR-NAME%28burdova+e+k%29&relpos=1&relpos=1&citeCnt=0&searchTerm=AUTHOR-NAME%28burdova+e+k%29>

[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2015 [1] RAHMAN, Khairunnisa, et al. Implementation of energy efficiency standards and labelling for household electrical appliances: A comparison among Asian countries In: Chemical Engineering Transactions Vol. 45, no. Oct (2015), p. 1663-1668 ISSN: 2283-9216

2015 [1] KOZLOVSKÁ, M. et al. Economic, environmental and social aspects of living in apartment buildings In: SGEM 2015 : 15th International Multidisciplinary Scientific Geoconference and EXPO : vol. 3 : Albena, June 18-24, 2015 P. 229-234 ISBN: 978-619-7105-41-4

AFC065 [152169] **Evaluation of structures design concept of lower structure from embodied energy and emissions** / Anna Sedláková, Silvia Vilčeková, Eva Krídlová Burdová - 2014. In: Chemical Engineering Transactions : 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014 : Prague, Czech Republic, 23-27 August 2014. Vol. 39, no. Special Issue (2014), p. 139-144. - ISSN 1974-9791 Spôsob prístupu:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84908115518&origin=resultslist&sort=plf-f&src=s&st1=burdova+e+k&sid=A3B63DF8A33D4B0795D9009204DF0728.WXhD7YyTQ6A7Pvk9AIA%3a860&so=b&sdt=b&sl=24&s=AUTHOR-NAME%28burdova+e+k%29&relpos=2&relpos=2&citeCnt=0&searchTerm=AUTHOR-NAME%28burdova+e+k%29>

[SEDLÁKOVÁ, Anna (34%) - VILČEKOVÁ, Silvia (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

Ohlasy:

2018 [1] ZANGHELINI, Guilherme Marcelo - CHERUBINI, Edivan - SOARES, Sebastião Roberto How Multi-Criteria Decision Analysis (MCDA) is aiding Life Cycle Assessment (LCA) in results interpretation In:

Journal of Cleaner Production Vol. 172 (2018), p. 609-622 ISSN: 0959-6526

AFC066 [152189] **Using Experimental Measurements of the Concentrations of Carbon Dioxide for Determining the Intensity of Ventilation in the Rooms** / Peter Kapalo, Silvia Vilčeková, Orest Voznyak - 2014. In: Chemical Engineering Transactions : Selected Articles by invitation from PRES2014 : 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction : 23 - 27 August 2014, Prague, Czech Republic. Vol. 39 (2014), p. 1789-1794. - ISBN 978-88-95608-30-3 - ISSN 2283-9216 Spôsob prístupu: www.aidic.it/cet/. [KAPALO, Peter (75%) - VILČEKOVÁ, Silvia (20%) - VOZNYAK, Orest (5%)]

Ohlasy:

2018 [4] DOVBUSH, Oleksandr - MYRONYUK, Khrystyna Obnova klimatizačného systému v priemysel'nych budovach In: Plynár, vodár, kúrenár + klimatizácia Roč. 16, č. 3/2018 (2018), s. 8-11 ISSN: 1335-9614

2018 [4] YURKEVYCH, Yuriy - SUKHOLOVA, Iryna - KASYNETS, Mariana Modeling of air flow in industrial rooms In: SSP - Journal of Civil Engineering Selected Scientific Papers Roč. 13, č. 1 (2018), s. 21-28 ISSN: 1336-9024

2018 [4] ZHELYKH, Vasyl - SAVCHENKO, Olena - MATUSEVYCH, Vadym Horizontal earth-air heat exchanger for preheating external air in the mechanical ventilation system In: SSP - Journal of Civil Engineering Selected Scientific Papers Roč. 13, č. 1 (2018), s. 71-76 ISSN: 1336-9024

AFC067 [152197] **Determine a methodology for calculating the needed fresh air** / Peter Kapalo ... [et al.] - 2014. In: Environmental Engineering 2014 : the 9th International Conference : selected papers : May 22-23, 2014, Vilnius, Lithuania. - Vilnius : Gediminas Technical University, 2014 P. 1-6. - ISBN 978-609-457-640-9 - ISSN 2029-7092 Spôsob prístupu: http://leidykla.vgtu.lt/conferences/ENVIRO_2014/index.html.

[KAPALO, Peter (80%) - VILČEKOVÁ, Silvia (15%) - DOMNITA, Florin (3%) - VOZNYAK, Orest (2%)]

Ohlasy:

2017 [1] PIETRUCHA, T. Ability to determine the quality of indoor air in classrooms without sensors In: E3S Web of Conferences : EKO-DOK 2017 : 9th Conference on Interdisciplinary Problems in Environmental Protection and Engineering : Boguszow-Gorce, 23-35 April, 2017 Art. number 00073 ISBN: 978-275989016-3

AFC068 [152622] **Measurement of VOCs with a portable GCSAW detector** / Ľudmila Mečiarová, Silvia Vilčeková, Magdaléna Bálintová - 2014. In: Chemical Engineering Transactions : 4th International Conference on Environmental Odour Monitoring and Control, NOSE 2014 : Venice, Italy, 14-17 September 2014. Vol. 40 (2014), p. 283-288. - ISBN 978-88-95608-31-0 - ISSN 1974-9791 Spôsob prístupu: <http://www.aidic.it/cet/>.

[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (25%) - BÁLINTOVÁ, Magdaléna (25%)]

Ohlasy:

2015 [1] BRUMMER, Vladimír Impact of catalytic oxidation operating conditions on VOC and Co conversions on the Pt-Pd/Al₂O₃ catalyst In: Chemical Engineering Transactions Vol. 45 (2015), p. 1009-1014 ISSN: 2283-9216

2015 [3] JECHA, D. et al. Měření emisí VOC a CO v proudu odpadního plynu z výroby kyseliny akrylové In: Chemmagazín Vol. 25, no. 6 (2015), p. 8-10 ISSN: 1210-7409

2017 [1] FABER, J., PERSZEWSKA, K. Identification odor compounds emitted during the heating of molding sands In: Archives of Foundry Engineering Vol. 17, no. 2 (2017), p. 178-182 ISSN: 1897-3310

2018 [1] Larin, A. - WOMBLE, P.C. - DOBROKHOTOV, V. Novel highly-integrated mems based solid state detectors for analytical gas chromatography In: Sensors and Actuators, B: Chemical Vol. 256 (2018),

p. 1057-1068 ISSN: 0925-4005

AFC069 [153321] **Evaluation of floor structures regarding environmental and energy aspects respecting a life cycle approach** / E. Křídlová Burdová, S. Vilčeková, M. Culáková - 2014. In: SEEP2014 : 7th international conference on Sustainable Energy and Environmental Protection : Dubai-UAE, 23-25 November 2014. - Dubai : UWS, 2014 P. 1-6. - ISBN 978-1-903978-49-8 [KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (50%) - ČULÁKOVÁ, Monika (5%)]

AFC070 [153322] **Measurement of organic compounds with an electronic nose in model house – case study** / S. Vilčeková, L. Mečiarová - 2014. In: SEEP2014 : 7th international conference on Sustainable Energy and Environmental Protection : Dubai-UAE, 23-25 November 2014. - Dubai : UWS, 2014 P. 1-6. - ISBN 978-1-903978-49-8 [VILČEKOVÁ, Silvia (50%) - MEČIAROVÁ, Ľudmila (50%)]

AFC071 [154714] **Volatile Organic Compounds in Indoor Air of a Residential Building** / Ľudmila Mečiarová, Silvia Vilčeková - 2014. In: Civil engineering 2014 : Proceedings of the Second International Conference for PhD Students in Civil Engineering and Architecture : Building the community of young researchers : 10. - 13. December 2014, Cluj-Napoca, Romania. - Cluj-Napoca : U.T.PRESS, 2014 P. 489-495. - ISSN 2392-9715 [MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFC072 [155022] **Indoor environmental quality and productivity in open space office** / Zdenka Budaiová, Silvia Vilčeková, Peter Kapalo - 2014. In: Civil engineering 2014 : Proceedings of the Second International Conference for PhD Students in Civil Engineering and Architecture : Building the community of young researchers : 10. - 13. December 2014, Cluj-Napoca, Romania. - Cluj-Napoca : U.T.Press, 2014 P. 496-502. - ISSN 2392-9715 [BUDAIOVÁ, Zdenka (45%) - VILČEKOVÁ, Silvia (45%) - KAPALO, Peter (10%)]

AFC073 [158576] **Environmental assessment of indoor environmental quality in new building – case study** / Silvia Vilčeková, Eva Křídlová Burdová - 2015. In: Healthy Buildings Europe 2015. - Eindhoven : Eindhoven University of Technology, 2015 P. 1-8. - ISBN 978-90-386-3889-8 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC074 [158872] **Occupants' performance in office buildings and indoor environmental quality** / Zdenka Budaiová, Silvia Vilčeková, Ľudmila Mečiarová - 2015. In: Healthy Buildings Europe 2015. - Eindhoven : Eindhoven University of Technology, 2015 P. 1-8. - ISBN 978-90-386-3889-8 Spôsob prístupu: www.aivc.org. [BUDAIOVÁ, Zdenka (45%) - VILČEKOVÁ, Silvia (45%) - MEČIAROVÁ, Ľudmila (10%)]

AFC075 [159024] **Organic compounds in residential buildings** / Ľudmila Mečiarová, Silvia Vilčeková, Zdenka Budaiová - 2015. In: Healthy Buildings Europe 2015. - Eindhoven : Eindhoven University of Technology, 2015 P. 1-8. - ISBN 978-90-386-3889-8 Spôsob prístupu: www.aivc.org. [MEČIAROVÁ, Ľudmila (45%) - VILČEKOVÁ, Silvia (45%) - BUDAIOVÁ, Zdenka (10%)]

AFC076 [159079] **Occurrence of VOCs before and after renovation of an apartment: a case study** / Ľudmila Mečiarová, Silvia Vilčeková - 2015. In: Air Pollution 2015. - Southampton : WIT Press, 2015 P. 349-356. - ISBN 978-1-84564-964-7 [VILČEKOVÁ, Silvia (50%) - MEČIAROVÁ, Ľudmila (50%)]

AFC077 [159528] **Determination of Assessment Scale for Selected Indicators in Slovak Building Environmental Assessment System BEAS** / Silvia Vilčeková, Eva Křídlová Burdová, Monika Čuláková - 2015. In: Energy Efficiency and Energy Related Materials (ENEFM2014). - Cham : Springer International Publishing, 2015 P. 321-326. - ISBN 978-3-319-16901-9 - ISSN 2352-2534 [VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ČULÁKOVÁ, Monika (10%)]

AFC078 [160973] **Multi-criteria analysis of building environmental assessment regarding building**

materials and structures / Silvia Vilčeková, Eva Krídlová Burdová - 2015.In: SGEM 2015. - Albena : STEF92 Technology, 2015 P. 557-564. - ISBN 978-619-7150-39-1 - ISSN 1314-2704
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC079 [160984] **Environmental assessment of water management in new building** / E. Kridlova Burdova, S. Vilcekova - 2015.In: CEST 2015. - Athens : CEST, 2015 P. 1-5. - ISBN 978-960-7475-52-7
Spôsob prístupu: http://cest.gnest.org/cest15proceedings/public_html/index.html.
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFC080 [160987] **Determination of volatile organic compounds in the building of printing company** / Ľudmila Mečiarová, Silvia Vilčeková, Zdenka Budaiova - 2015.In: CEST 2015. - Athens : CEST, 2015 P. 1-5. - ISBN 978-960-7475-52-7 Spôsob prístupu:
http://cest.gnest.org/cest15proceedings/public_html/papers_raw.html.
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (40%) - BUDAIOVA, Zdenka (10%)]

Ohlasy:

2017 [1] VICENTE, Estela D. et al. Assessment of the indoor air quality in copy centres at Aveiro, Portugal In: Air Quality, Atmosphere and Health Vol. 10, no. 2 (2017), p. 117-127 ISSN: 1873-9318

AFC081 [160990] **Analysis of energy and environmental effects of thermal insulation materials used for exterior walls** / S. Vilcekova, E. Kridlova Burdova, M. Culakova - 2015.In: CEST 2015. - Athens : CEST, 2015 P. 1-5. - ISBN 978-960-7475-52-7 Spôsob prístupu:
http://cest.gnest.org/cest15proceedings/public_html/papers_raw.html.
[VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ČULÁKOVÁ, Monika (10%)]

AFC082 [161568] **Investigation of indoor environmental quality and productivity in monitored offices in Slovakia** / Zdenka Budaiova, Silvia Vilčeková, Ľudmila Mečiarová - 2015.In: CEST 2015. - Athens : CEST, 2015 P. 1-5. - ISBN 978-960-7475-52-7 Spôsob prístupu:
http://cest.gnest.org/cest15proceedings/public_html/index.html.
[BUDAIOVA, Zdenka (40%) - VILČEKOVÁ, Silvia (50%) - MEČIAROVÁ, Ľudmila (10%)]

AFC083 [164062] **Indoor air pollution caused by volatile organic compounds** / Silvia Vilčeková, Ľudmila Mečiarová - 2015.In: SGEM 2015. - Sofia : STEF92 Technology, 2015 P. 945-951. - ISBN 978-619-7105-38-4 - ISSN 1314-2704
[VILČEKOVÁ, Silvia (50%) - MEČIAROVÁ, Ľudmila (50%)]

AFC084 [164080] **Productivity and indoor environmental quality in offices** / Silvia Vilčeková, Zdenka Budaiova - 2015.In: SGEM 2015. - Sofia : STEF92 Technology, 2015 P. 993-1000. - ISBN 978-619-7105-38-4 - ISSN 1314-2704
[VILČEKOVÁ, Silvia (50%) - BUDAIOVÁ, Zdenka (50%)]

AFC085 [165833] **Comparison of Environmental and Energy Performance of Exterior Walls** / Silvia Vilčeková ... [et al.] - 2015.In: Energy Procedia: 6th International Building Physics Conference, IBPC 2015. Vol. 78 (2015), p. 231-236. - ISSN 1876-6102 Spôsob prístupu:
<http://www.sciencedirect.com/science/article/pii/S1876610215023498>.
[VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - VOJTUŠ, Jaroslav (25%)]

Ohlasy:

2016 [1] MAODUŠ, Nikola et al. Life cycle and energy performance assessment of three wall types in south-eastern Europe region In: Energy and Buildings Vol. 133 (2016), p. 605-614 ISSN: 0378-7788

2018 [1] VEDISHCHEVA, Yuliya Sergeevna et al Influence of heat conducting inclusions on reliability of the system "sandwich panel - metal frame" In: Vol. 78, no. 2 (2018): p. 116-127 ISSN: 2071-4726

2019 [3] JI, Ru et al. Development and energy evaluation of novel integrated envelopes without thermal

bridges In: Energy and Buildings Vol. 203, art. no. 109409 (2019) ISSN: 0378-7788

AFC086 [165834] **Sustainable Building Assessment Tool in Slovakia** / Eva Krídlová Burdová, Silvia Vilčeková - 2015. In: Energy Procedia : 6th International Building Physics Conference, IBPC 2015. Vol. 78 (2015), p. 1829-1834. - ISSN 1876-6102 Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S187661021502055X>. [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2017 [1] DRUĶIS, Pēteris - GAILE, Līga - PAKRASTIŅŠ, Leonīds Inspection of public buildings based on risk assessment In: Procedia Engineering Vol. 172 (2017), p. 247-255 ISSN: 1877-7058

2017 [1] SAGBANSUA, Lutfu - BALO, Figen A novel simulation model for development of renewable materials with waste-natural substance in sustainable buildings In: Journal of Cleaner Production Vol. 158 (2017), p. 245-260 ISSN: 0959-6526

2017 [3] CHEL, Arvind - KAUSHIK, Geetanjali Renewable energy technologies for sustainable development of energy efficient building In: Alexandria Engineering Journal DOI : 10.1016/j.aej.2017.02.027 ISSN: 1110-0168

2017 [1] TUPENAITE, Laura et al. Ranking of Sustainability Indicators for Assessment of the New Housing Development Projects: Case of the Baltic States In: Resources Vol. 6, no. 4 (2017), article no. 55 ISSN: 2079-9276

2018 [1] ARDDA, Nisreen, MATEUS, Ricardo, BRAGANCA, Luis Methodology to Identify and Prioritise the Social Aspects to Be Considered in the Design of More Sustainable Residential Buildings-Application to a Developing Country In: Buildings Vol. 8, no. 10 (2018), article no. 130 ISSN: 2075-5309

2018 [3] RUSU, Diana A structured managerial model for the decision making process for enhancing building sustainability in all life cycle phases In: Procedia - Social and Behavioral Sciences P. 442 – 451 ISSN: 1877-0428

2019 [3] SMITS, Michaël Willem Maria Framework for capacity based sustainable design development: towards resilient communities In: Frontiers of Architectural Research DOI: org/10.1016/j.foar.2019.07.001 ISSN: 2095-2635

AFC087 [166909] **Indoor Environmental Quality and Performance in Office Buildings** / Silvia Vilčeková, Eva Krídlová Burdová, Zdenka Budaiová - 2016. In: Sustainable Built Environment 2016 (SBE16 Dubai). - Dubai : The British University in Dubai, 2016 P. 1-7. - ISBN 978-9948-13-518-0 [VILČEKOVÁ, Silvia (40%) - KRÍDLOVÁ BURDOVÁ, Eva (40%) - BUDAIOVÁ, Zdenka (20%)]

AFC088 [167600] **Green technologies and innovations** / Martina Zeleňáková, Silvia Vilčeková, Lenka Zvijaková - 2016. In: Sustainable Built Environment 2016 (SBE16 Dubai). - Dubai : The British University in Dubai, 2016 P. 1-6. - ISBN 978-9948-13-518-0 [ZELEŇÁKOVÁ, Martina (45%) - VILČEKOVÁ, Silvia (45%) - ZVIJAKOVÁ, Lenka (10%)]

AFC089 [171325] **Analysis of green technologies implementation** / Martina Zeleňáková, Silvia Vilčeková, Lenka Zvijaková - 2016. In: INFRAEKO 2016. - Rzeszow : Oficyna Wydawnicza Politechniki Rzeszowskiej, 2016 P. 381-388. - ISBN 978-83-7934-076-7 [ZELEŇÁKOVÁ, Martina (70%) - VILČEKOVÁ, Silvia (20%) - ZVIJAKOVÁ, Lenka (10%)]

AFC090 [171669] **Pollution of indoor environment in the offices** / Ludmila Meciárová, Silvia Vilčeková - 2016. In: YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016. - Prague : Czech Technical University, 2016 P. 233-239. - ISBN 978-80-01-05979-1 [MEČIAROVÁ, Ludmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFC091 [171685] **Sustainability assessment of family house - case study** / Eva Krídlová Burdová, Silvia Vilčeková, Martin Grohoľ - 2016.In: CESB16 - Central Europe towards Sustainable Building 2016. - Praha : Grada Publishing, 2016 P. 1410-1417. - ISBN 978-80-271-0248-8 [KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - GROHOĽ, Martin (10%)]

AFC092 [171686] **Education in fields of sustainability design and assessment of buildings** / Silvia Vilčeková, Eva Krídlová Burdová - 2016.In: CESB16 - Central Europe towards Sustainable Building 2016. - Praha : Grada Publishing, 2016 P. 1616-1621. - ISBN 978-80-271-0248-8 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFC093 [172042] **Analýza environmentálnych dopadov materiálov konvenčného rodinného domu** / Adriana Ešťoková ... [et al.] - 2016.In: CONSTRUMAT 2016. - Praha : ČVUT, 2016 P. 443-452. - ISBN 978-80-01-05958-6 Spôsob prístupu: <http://tpm.fsv.cvut.cz/construmat2016/>. [EŠTOKOVÁ, Adriana (25%) - TAKÁČ, Matúš (25%) - MOŇOKOVÁ, Andrea (25%) - VILČEKOVÁ, Silvia (25%)]

AFC094 [173101] **Indoor environmental quality in the university classroom - case study** / Silvia Vilcekova, Ludmila Meciariova, Eva Kridlova Burdova - 2016.In: SGEM 2016. - Sofia : STEF92 Technology Ltd., 2016 P. 427-434. - ISBN 978-619-7105-64-3 [VILČEKOVÁ, Silvia (34%) - MEČIAROVÁ, Ľudmila (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

Ohlasy:

2017 [1] HU, Ming Assesment of effective energy retrofit strategies and related impact on indoor environmental quality In: Journal of Green Building Vol. 12, no. 2 (2017), p. 38-55 ISSN: 1552-6100

2017 [1] HU, Ming - CUNNINGHAM - Peter - GILLORAN, Sarah Sustainable design rating system comparison using a life-cycle methodology In: Building and Environment Vol. 126 (2017), p. 416-421 ISSN: 0360-1323

AFC095 [173104] **Investigation of indoor air quality and its impact on human activity** / Peter Kapalo ... [et al.] - 2016.In: Indoor Air 2016. - Ghent : Universiteit Gent, 2016 P. 1-8. - ISBN 978-0-9846855-5-4 [KAPALO, Peter (40%) - DOMNITA, Florin (5%) - VILČEKOVÁ, Silvia (25%) - MEČIAROVÁ, Ľudmila (30%)]

AFC096 [173105] **Monitoring of indoor air pollution in a classroom - case study** / Silvia Vilcekova ... [et al.] - 2016.In: Indoor Air 2016. - Ghent : Universiteit Gent, 2016 P. 1-6. - ISBN 978-0-9846855-5-4 [VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - MEČIAROVÁ, Ľudmila (25%) - EŠTOKOVÁ, Adriana (25%)]

AFC097 [174905] **Monitoring of indoor environmental quality** / Ludmila Meciariova, Silvia Vilcekova, Eva Kridlova Burdova - 2016.In: IAHS World Congress on Housing. - Coimbra : Institute for Research and Technological Development in Construction Sciences, 2016 P. 1-10. - ISBN 978-989-98949-4-5 [MEČIAROVÁ, Ľudmila (34%) - VILČEKOVÁ, Silvia (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

AFC098 [176203] **Sustainability assessment of family house** / Silvia Vilcekováa Iveta Selecka, Eva Kridlova Burdova - 2016.In: Energy Procedia : SBE16. - S.I. : Elsevier., 2016 P. 551-559. - ISSN 1876-6102 [VILČEKOVÁ, Silvia (34%) - SELECKÁ, Iveta (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

Ohlasy:

2019 [1] MATEUS, Ricardo - SILVA, Sandra Monteiro - DE ALMEIDA, Manuela Guedes Environmental and cost life cycle analysis of the impact of using solar systems in energy renovation of Southern European single-family buildings In: Renewable Energy Vol. 137 (2019), p. 82-92 ISSN: 0960-1481

AFC099 [176205] **Investigation of particulate matters of the university classroom in Slovakia** / Eva Kridlova Burdova, Silvia Vilcekova, Ludmila Meciariova - 2016.In: Energy Procedia : SBE16. - S.I. :

Elsevier., 2016 P. 620-627. - ISSN 1876-6102

[KRÍDLOVÁ BURDOVÁ, Eva (30%) - VILČEKOVÁ, Silvia (30%) - MEČIAROVÁ, Ľudmila (40%)]

Ohlasy:

2019 [3] HADIYANTO, Hadiyanto et al. Development of University Classroom Climate Inventory In: Advances in Social Science, Education and Humanities Research : ICETeP 2018 : International Conference on Educational Sciences and Teacher Professional : Bengkulu, 26-28 October, 2018 Vol. 295 (2018), p. 346-350 ISSN: 2352-5398

AFC100 [181809] **Monitoring of indoor environmental quality in a printing company – case study /**

Silvia Vilcekova, Ludmila Meciarova - 2016.In: PBE 2016. - Brno : University of Technology, 2016 P. 83-90. - ISSN 1805 - 6784

[VILČEKOVÁ, Silvia (50%) - MEČIAROVÁ, Ľudmila (50%)]

AFC101 [183396] **Monitoring of particulate matters in university library – case study /** Eva Kridlova

Burdova ... [et al.] - 2017.In: Healthy Buildings 2017 Europe. - Lublin : ISIAQ, 2017 P. 1-6. - ISBN 978-83-7947-260-4

[KRÍDLOVÁ BURDOVÁ, Eva (20%) - VILČEKOVÁ, Silvia (20%) - EŠTOKOVÁ, Adriana (20%) - MEČIAROVÁ, Ľudmila (20%) - APOSTOLOSKI, Ilija Zoran (20%)]

AFC102 [183400] **Particulate matters and subjective evaluation of IEQ in primary school /** Silvia

Vilcekova ... [et al.] - 2017.In: Healthy Buildings 2017 Europe. - Lublin : ISIAQ, 2017 P. 1-6. - ISBN 978-83-7947-260-4

[VILČEKOVÁ, Silvia (25%) - MEČIAROVÁ, Ľudmila (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - APOSTOLOSKI, Ilija Zoran (25%)]

AFC103 [183401] **Indoor environmental quality in art elementary school – case study /** Ludmila

Meciarova ... [et al.] - 2017.In: SGEM 2017. - Sofia : STEF92 Technology Ltd., 2017 P. 543-549. - ISBN 978-619-7408-06-5

[MEČIAROVÁ, Ľudmila (25%) - KRÍDLOVÁ BURDOVÁ, Eva (30%) - VILČEKOVÁ, Silvia (30%) - MIHAL'OVÁ, Nikola (5%) - KAPALO, Peter (10%)]

AFC104 [184397] **Environmental and energy assessment of a family house /** Peter Turcsanyi ... [et

al.] - 2017.In: ICEE 2017. - Vilnius : Technical University, 2017 P. 1-7. - ISBN 978-609-476-044-0
Spôsob prístupu: <http://enviro.vgtu.lt/index.php/enviro2017/2017/paper/view/191/396>.

[TURCSÁNYI, Peter (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - VILČEKOVÁ, Silvia (25%)]

AFC105 [184573] **Short-term Measurements of Indoor Environmental Quality in Selected Offices –**

Case Study / Ludmila Meciarova ... [et al.] - 2017.In: Environmental Engineering. - Vilnius : Vilnius Gediminas Technical University, 2017 P. 1-7. - ISBN 2029-7092 - ISSN 978-609-476-044-0

[MEČIAROVÁ, Ľudmila (25%) - VILČEKOVÁ, Silvia (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - APOSTOLOSKI, Ilija Zoran (25%) - KOŠIČANOVÁ, Danica (10%)]

AFC106 [184598] **Possibilities of Green Technologies Application in Building Design from**

Sustainability Dimensions / Andrea Moňoková, Silvia Vilčeková, Eva Krídlová Burdová - 2017.In: Environmental Engineering. - Vilnius : Vilnius Gediminas Technical University, 2017 P. 1-8. - ISBN 978-609-476-044-0 - ISSN 2029-7092

[MOŇOKOVÁ, Andrea (34%) - VILČEKOVÁ, Silvia (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

AFC107 [184877] **Evaluation of family houses with green materials from environmental**

sustainability / Andrea Moňoková, Silvia Vilčeková, Eva Krídlová Burdová - 2017.In: PHN17. - Helsinki : VTT Technical Research Centre of Finland Ltd, 2017 P. 18-24. - ISBN 978-951-758-621-4

[MOŇOKOVÁ, Andrea (34%) - VILČEKOVÁ, Silvia (33%) - KRÍDLOVÁ BURDOVÁ, Eva (33%)]

AFC108 [185467] **Determining the ventilation rate inside an apartment house on the basis of**

measured carbon dioxide concentrations - case study / Peter Kapalo ... [et al.] - 2017. In: ICEE 2017. - Vilnius : Technical University, 2017 P. 1-6. - ISBN 978-609-476-044-0 Spôsob prístupu: https://www.researchgate.net/publication/320038776_Determining_the_Ventilation_Rate_inside_an_Apartment_House_on_the_Basis_of_Measured_Carbon_Dioxide_Concentrations_-_Case_Study. [KAPALO, Peter (50%) - VILČEKOVÁ, Silvia (40%) - DOMNITA, Florin (5%) - BACOTIU, Ciprian (3%) - VOZNYAK, Orest (2%)]

AFC109 [186026] **LEED and BREEAM suitable sites rating for family house in Slovakia** / Jaroslav Košičan, Silvia Vilčeková - 2017. In: Mistobuduvannija ta teritoial'ne planuvannija vol. 64 : Modern technologies of energy and resource conservation: theory, practice, implementation strategy : proceedings of the international scientific and technical conference. - Kijev : Vipol, 2017 P. 477-483. - ISSN 2076-815X [KOŠIČAN, Jaroslav (60%) - VILČEKOVÁ, Silvia (40%)]

AFC110 [186694] **Environmental Engineering in the Slovak Republic** / N. Stevulova ... [et al.] - 2017. In: IOP Conference Series: Earth and Environmental Science : AEE 2017. - Bristol : Institute of Physics Publishing, 2017 Vol. 92, no. 1 (2017), p. 1-5. - ISSN 1755-1307 Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85034783079&origin=resultslist&sort=plf-f&src=s&st1=Environmental+Engineering+in+the+Slovak+Republic&st2=&sid=ecbf48543befbae11291ac986fab459b&sd=b&sd=b&sl=63&s=TITLE-ABS-KEY%28Environmental+Engineering+in+the+Slovak+Republic%29&relpos=0&citeCnt=0&searchTerm=>. [ŠTEVULOVA, Nadežda (68%) - BÁLINTOVÁ, Magdaléna (8%) - ZELENÁKOVÁ, Martina (8%) - EŠTOKOVÁ, Adriana (8%) - VILČEKOVÁ, Silvia (8%)]

Ohlasy:

2018 [1] GOMBOS, Milan et al. Geometric factor as the characteristics of the three-dimensional process of volume changes of heavy soils In: Environments Vol. 5, no. 4 (2018), art.no. 45 ISSN: 2076-3298

2019 [1] MUKHTAR, N. et al. Environmental Sustainability Competency Framework for Polytechnics Engineering Programmes In: IEEE Access Vol. 7 (2019), p. 125991-126004 ISSN: 2169-3536

AFC111 [186773] **Environmental sustainability assessment of family house alternatives and application of green technologies** / Andrea Moňoková ... [et al.] - 2017. In: IOP Conference Series: Earth and Environmental Science : AEE 2017. - Bristol : IOP Publishing Ltd., 2017 Vol. 92, no. 1 (2017), p. 1-5. - ISSN 1755-1307 [MOŇOKOVÁ, Andrea (40%) - VILČEKOVÁ, Silvia (20%) - MEČIAROVÁ, Ľudmila (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%)]

AFC112 [189483] **Analyzing embodied energy, global warming and acidification potentials of materials in residential buildings** / Adriana Estokova, Silvia Vilcekova, Milan Porhincak - 2017. In: Procedia Engineering volume 180 : A Sustainable Built Environment Conference 2016. - Amsterdam : Elsevier, 2017 P. 1675-1683. - ISSN 1877-7058 [EŠTOKOVÁ, Adriana (40%) - VILČEKOVÁ, Silvia (40%) - PORHINČÁK, Milan (20%)]

Ohlasy:

2018 [1] SINKA, M. et al. Comparative life cycle assessment of magnesium binders as an alternative for hemp concrete In: Resources, Conservation and Recycling Vol. 133 (2018), p. 288-299 ISSN: 0921-3449

2018 [2] MITTERPACH, J., ILEČKOVÁ, R., ŠTEFKO, J. Life cycle impact assessment of construction materials of a wood-based building in an environmental context In: Acta Facultatis Xylologiae Roč. 60, č. 1 (2018), s. 147-157 ISSN: 1336-3824

AFC113 [197107] **Leed and Breeam sustainable sites rating for family house in Slovakia** / Jaroslav Košičan, Silvia Vilčeková - 2017. In: Mistobuduvannija ta teritoial'ne planuvannija : mižnarodna naukovo-praktična konferencija. - Kijev (Ukrajina) : Kijevskij nacional'nij universitet budivnictva i architekturi s. 477-483 [print]. - ISSN 2076-815X [KOŠIČAN, Jaroslav (50%) - VILČEKOVÁ, Silvia (50%)]

AFC114 [184589] **Evaluation of material compositions of sloping roofs from environmental and energy perspectives** / Silvia Vilčeková, Eva Krídlová Burdová, Marek Kušník - 2018.In: Nearly Zero Energy Communities : CSE 2017. - Cham : Springer International Publishing, 2018 P. 168-178. - ISBN 978-3-319-63215-5
[VILČEKOVÁ, Silvia (34%) - KRÍDLOVÁ BURDOVÁ, Eva (33%) - KUŠNÍR, Marek (33%)]

AFC115 [197703] **Methodological Evaluation of Family House with Different Thermo-Physical Parameters of Building Materials** / Silvia Vilcekova ... [et al.] - 2018.In: Environment, Green Technology and Engineering International Conference : proceedings volume 2. - Basel (Švajčiarsko) : MDPI s. 1-4 [online]. - ISSN 2504-3900 (online) Spôsob prístupu: <https://www.mdpi.com/2504-3900/2/20/1277>.
[VILČEKOVÁ, Silvia (25%) - MOŇOKOVÁ, Andrea (25%) - MEČIAROVÁ, Ľudmila (25%) - SELECKÁ, Iveta (25%)]

AFC116 [197793] **Environmental Impacts of Detached Family Houses Used Natural Building Materials** / Andrea Monokova ... [et al.] - 2018.In: Environment, Green Technology and Engineering International Conference : proceedings volume 2. - Basel (Švajčiarsko) : MDPI s. 1-5 [online]. - ISSN 2504-3900 (online) Spôsob prístupu: <https://www.mdpi.com/2504-3900/2/20/1301>.
[MOŇOKOVÁ, Andrea (25%) - VILČEKOVÁ, Silvia (25%) - MEČIAROVÁ, Ľudmila (25%) - SELECKÁ, Iveta (25%)]

AFC117 [201649] **Thermo-Hygral and Environmental Evaluation of Chosen Parts of an Ultra-Low-Energy Family Houses** / Peter Turcsanyi ... [et al.] - 2019.In: Proceedings of the 12th International EnviBUILD Conference. - Zürich (Švajčiarsko) : Trans Tech Publications s. 393-400. - ISBN 978-3-0357-1202-5 Spôsob prístupu: <https://www.scientific.net/AMM.887/book>.
[TURCSÁNYI, Peter (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - VILČEKOVÁ, Silvia (25%)]

AFC118 [204851] **Hybrid Multi-Functional Buildings for Sustainable Development of Rural Areas** / Maryna Babenko ... [et al.] - 2019.In: 12th EnviBuild - Buildings and Environment - From Research to Application : proceedings of the 12th International EnviBUILD Conference. - Zürich (Švajčiarsko) : Trans Tech Publications, 2019 s. 311-318 [online, print]. - ISBN 978-3-0357-1202-5
[BABENKO, Maryna (50%) - SAVYTSKYI, Mykola (5%) - SCHMIDT, Michael (5%) - VILČEKOVÁ, Silvia (20%) - KRÍDLOVÁ BURDOVÁ, Eva (20%)]

AFD - Publikované príspevky na domácich vedeckých konferenciách(50)

AFD001 [0013012] **Introduction to mathematical modeling of indoor NOx exposure** / Ingrid Šenitková, Silvia Vilčeková - 2001.In: Indoor climate of buildings 2001. - Bratislava : SSTP, 2001 S. 105-110. - ISBN 8085330938
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFD002 [22298] **Tepelná pohoda vo vnútornom prostredí budov a potreba energie** / Ingrid Šenitková, Silvia Vilčeková - 2002.In: Energetická efektívnosť. - Bratislava : Slovenská energetická agentúra, 2002 4 s.
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFD003 [55098] **Environmentálne hodnotenie a trvalo udržateľná výstavba budov** / Ingrid Šenitková, Silvia Vilčeková - 2006.In: Environmentálne inžinierstvo. - Košice : TU, 2006 S. 268-272. - ISBN 8080736073
[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

AFD004 [55102] **Environmentálne hodnotenie budov v priebehu ich životného cyklu** / Silvia Vilčeková, Eva Burdová - 2006.In: Budovy a prostredie 2006. - Bratislava : STU, 2006 S. 39-42. - ISBN 8022725188

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

Ohlasy:

2008 [3] ŠTEFKO, Jozef, MÚČKA, Martin Environmentálne vlastnosti drevených stavebných konštrukcií
In: Drévostavby 2008 : Sborník prednášiek z odborného seminára se zahraniční účasti : Volyně, 2008 P.
209-216 ISBN: 987-80-86837-18-5

2010 [4] ŠTEFKO, Jozef Moderné drevostavby In: Moderné drevostavby 135 s ISBN: 80-967718-9-2

AFD005 [60416] **Environmentálne hodnotenie architektonického prostredia budov** / Silvia Vilčeková, Eva Burdová - 2007. In: 8. vedecká konferencia Stavebnej fakulty TU v Košiciach pri príležitosti 30. výročia založenia SvF a 55. výročia založenia TU v Košiciach. Sekcia 1, Pozemné stavby. - Košice : TU, 2007 S. 257-262. - ISBN 9788080737894

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

AFD006 [65243] **Návrh systému environmentálneho hodnotenia budov** / Silvia Vilčeková, Eva Burdová - 2007. In: Budovy a prostredie 2007. - Bratislava : STU, 2007 S. 116-119. - ISBN 9788022727594

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

AFD007 [66559] **The proposal of sustainable building assessment system** / Silvia Vilčeková, Eva Burdová - 2007. In: Indoor Climate of Buildings '07. - Bratislava : SSTP, 2007 S. 99-106. - ISBN 9788089216185

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

Ohlasy:

2008 [3] BUCAKOVA, M., SENITKOVA, I.: The impact of building materials interaction on perceived air quality. In: Indoor Air 2008: The 11th International Conference on Indoor Air Quality and Climate: 17th August to 22nd August 2008. Lyngby: International Centre for Indoor Environment and Energy, 2008. P. 1019. ISBN 9788778772701.

AFD008 [68489] **Energia v systéme environmentálneho hodnotenia budov** / Silvia Vilčeková, Eva Burdová - 2007. In: Budova a energia 7 : 7. medzinárodná vedecká konferencia : Podbanské, 5.-7.12.2007. - Košice : TU, 2007 S. 91-96. - ISBN 9788080739607

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

AFD009 [68843] **Posúdenie energetickej hospodárnosti v environmentálnom hodnotení budov** / Silvia Vilčeková, Eva Burdová - 2008. In: Cassovia Therm 2008. - Košice : Dom techniky, 2008 S. 99-104. - ISBN 9788023202878

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

AFD010 [76086] **Návrh ukazovateľov hodnotenia vnútorného prostredia budov** / Eva Krídlová Burdová, Silvia Vilčeková, Ingrid Šenitková - 2008. In: Budova - Energia 8. - Košice : TU SvF, 2008 S. 153-158. - ISBN 9788089216239

[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFD011 [77979] **Environmentálne hodnotenie a certifikácia budov na Slovensku** / Eva Krídlová Burdová, Silvia Vilčeková, Ingrid Šenitková - 2008. In: Budovy a prostredie 2008. - Bratislava : STU, 2008 S. 17-20. - ISBN 788022729819

[KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - ŠENITKOVÁ, Ingrid (10%)]

AFD012 [84459] **Environmentálne hodnotenie budov systém hodnotenia na Slovensku** / Silvia Vilčeková, Eva Krídlová Burdová - 2009. In: 1. CASSOTHERM: 1. vedecká medzinárodná konferencia : Košice, 25.-27.5.2009. - Košice : Elsewa, 2009 S. 1-6. - ISBN 9788089385034

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFD013 [84461] **Environmentálne hodnotenie budovy pre administratívu overenie systému** / Silvia Vilčeková - 2009.In: 1. CASSOTHERM : 1. vedecká medzinárodná konferencia : Košice, 25.-27.5.2009. - Košice : Elsewa, 2009 S. 1-6. - ISBN 9788089385034 [VILČEKOVÁ, Silvia (100%)]

AFD014 [92063] **Analýza váh významnosti ukazovateľov hodnotenia kvality prostredia budov** / Eva Krídlová Burdová, Silvia Vilčeková, Ingrid Šenitková - 2009.In: Vnútorná klíma budov 2009 : zborník prednášok z 20. konferencie Environmentálne hodnotenie vnútorného prostredia budov : Tatranská Štrba, 1.-2. decembra 2009. - Bratislava, SSTP, 2009 S. 85-90. - ISBN 978-80-89216-31-4 [KRÍDLOVÁ BURDOVÁ, Eva (45%) - VILČEKOVÁ, Silvia (45%) - ŠENITKOVÁ, Ingrid (10%)]

Ohlasy:

2010 [4] FLIMEL, Marián More comprehensive approach to the evaluation of the quality of internal environment of buildings with regard to noise pollutants In: The 7th International conference Indoor climate of buildings 2010: Indoor environment, energy auditing and certification of buildings: Štrbské Pleso, 28.11. - 1.12.2010 S. 59-63 ISBN: 978-80-89216-37-6

2011 [4] NAGY, Richard The air distribution systems efficiency in schools – mistreats and CFD simulations In: 3. CassoTherm : 25.-27. máj 2011, Tatranská Javorina, Vysoké Tatry S. 1-7

AFD015 [92075] **Posúdenie vybraných budov z hľadiska primárnej energie a emisií CO2** / Silvia Vilčeková, Eva Krídlová Burdová, Ingrid Šenitková - 2009.In: Budova a energia 9 : zborník vedeckých prác : Košice, 2.-4. december 2009. - Košice : TU, SvF, 2009 S. 123-126. - ISBN 978-80-553-0322-2 [VILČEKOVÁ, Silvia (45%) - KRÍDLOVÁ BURDOVÁ, Eva (45%) - ŠENITKOVÁ, Ingrid (5%)]

AFD016 [97959] **Kvalita prostredia v budovách nevýrobného charakteru** / Silvia Vilčeková, Ingrid Šenitková - 2009. - 1 elektronický optický disk (CD-ROM).In: Výchova a vzdelávanie k trvalo udržateľnému rozvoju : zborník príspevkov z 5. národnej konferencie s medzinárodnou účasťou konanej 21.-22. januára 2009 v Banskej Bystrici. - Banská Bystrica : FPV UMB, 2009 S. 62-69. - ISBN 978-80-8083-876-8 [VILČEKOVÁ, Silvia (50%) - ŠENITKOVÁ, Ingrid (50%)]

AFD017 [97121] **Multikriteriálna analýza ukazovateľov energetickej hospodárnosti budov** / Silvia Vilčeková, Eva Krídlová Burdová - 2010. - 1 elektronický optický disk (CD-ROM).In: 2. CASSOTHERM : zborník z 2. vedeckej medzinárodnej konferencie : Hotel Družba, Demänovská dolina, Nízke Tatry, 24.-26. máj 2010. - Košice : C-Press, 2010 S. 1-8. - ISBN 978-80-89385-08-9 [VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFD018 [97215] **Konštrukčné riešenie obnovy plochých striech z hľadiska zviazanej energie a emisií CO2** / Jaroslav Vojtuš, Silvia Vilčeková - 2010. - 1 elektronický optický disk (CD-ROM).In: 2. CASSOTHERM : zborník z 2. vedeckej medzinárodnej konferencie : Hotel Družba, Demänovská dolina, Nízke Tatry, 24.-26. máj 2010. - Košice : C-Press, 2010 S. 1-5. - ISBN 978-80-89385-08-9 [VOJTUŠ, Jaroslav (50%) - VILČEKOVÁ, Silvia (50%)]

AFD019 [111563] **Zelené budovy a facility management s trojicou línií** / Silvia Vilčeková, Jarmila Rimbalová - 2011. - 1 elektronický optický disk (CD-ROM).In: CassoTherm : 3. ročník vedecko - odbornej konferencie s medzinárodnou účasťou : 25. - 27 máj 2011, Tatranská Javorina. - Košice : TU, 2011 S. 198-203. - ISBN 978-80-89385-14 -0 [VILČEKOVÁ, Silvia (50%) - RIMBALOVÁ, Jarmila (50%)]

AFD020 [114016] **Trojica línií vo facility managemente** / Jarmila Rimbalová, Silvia Vilčeková - 2011. - 1 elektronický optický disk (CD-ROM).In: Facility management 2011 : zborník prednášok z 9. konferencie s medzinárodnou účasťou : 5. - 6. október 2011, Bratislava. - Bratislava : SSTP Bratislava, 2011 S. 15-19. - ISBN 978-80-89216-41-3 [RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD021 [116344] **Facility management a zelené budovy** / Jarmila Rimbalová, Silvia Vilčeková - 2011. In: Vnútorná klíma budov 2011 : Environmentálne a energetické hodnotenie budov : zborník prednášok z 22. medzinárodnej konferencie : Tatranská Lomnica, 1.-2. december 2011. - Bratislava : SSTP, 2011 S. 81-84. - ISBN 978-80-89216-44-4
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD022 [117114] **Environmental assessment of office buildings in Slovakia** / Eva Krídlová Burdová, Silvia Vilčeková - 2011. - 1 elektronický optický disk (CD-ROM). In: Current Issues of Civil and Environmental Engineering in Košice, Lviv and Rzeszów : 13th International Scientific Conference : 7.-9.9.2011, Herľany. - Košice : TU, 2011 S. 1-7. - ISBN 978-80-553-0721-3
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFD023 [119571] **Dôležitosť služieb facility managementu v oblasti vykurovania** / Jarmila Rimbalová, Silvia Vilčeková - 2012. - 1 elektronický optický disk (CD-ROM). In: Vykurovanie 2012 : Trvalá udržateľnosť, energetická efektívnosť a environmentálna bezpečnosť : 20. medzinárodná konferencia : 27. február - 2. marec 2012, Ľubovnianske kúpele. - Bratislava : SSTP, 2012 S. 583-586. - ISBN 978-80-89216-45-1
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD024 [121079] **Facility management a jeho pozícia na Slovensku** / Jarmila Rimbalová, Silvia Vilčeková - 2012. In: Správa budov 2012 : zborník 1. medzinárodnej konferencie : Tatranské Matliare, 12.-13. apríl 2012. - Košice : Združenie správcov a užívateľov nehnuteľností, 2012 S. 75-79. - ISBN 978-80-970888-0-4
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD025 [121842] **Environmental assessment of building materials** / E. Krídlová Burdová, M. Ondová, S. Vilčeková - 2012. - 1 elektronický optický disk (CD-ROM). In: 9. International Scientific Conference FCE TUKE : The 35th Anniversary of the Faculty of Civil Engineering and The 60th Anniversary of the Technical University of Košice : 22. - 25.5.2012, Košice. - Košice : TU, 2012 6 s.. - ISBN 978-80-553-0905-7
[KRÍDLOVÁ BURDOVÁ, Eva (35%) - ONDOVÁ, Marcela (35%) - VILČEKOVÁ, Silvia (30%)]

AFD026 [123457] **European standards for sustainability assessment of buildings** / Silvia Vilčeková, Eva Krídlová Burdová - 2012. - 1 elektronický optický disk (CD-ROM). In: Drevostavby a ekologické bývanie : zborník príspevkov : vedecká konferencia s medzinárodnou účasťou : 26.4.2012, Zvolen. - Zvolen : TU, 2012 S. 1-11. - ISBN 978-80-228-2356-2
[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

AFD027 [124666] **Európske normy na posudzovanie udržateľnosti budov** / Silvia Vilčeková - 2012. - 1 elektronický optický disk (CD-ROM). In: Udržateľnosť v architektúre a vo výstavbe : 2. ročník Eurostav conference : 25. apríl 2012, Bratislava. - Bratislava : Eurostav, 2012 S. 1-43.
[VILČEKOVÁ, Silvia (100%)]

AFD028 [125468] **Uplatnenie facility managementu v nemocničnom zariadení** / Silvia Vilčeková, Jarmila Rimbalová - 2012. In: Facility management 2012 : zborník prednášok z 10. konferencie so zahraničnou účasťou : 26.-27. september 2012, Bratislava. - Bratislava : SSTP, 2012 S. 65-68. - ISBN 978-80-89216-49-9
[VILČEKOVÁ, Silvia (50%) - RIMBALOVÁ, Jarmila (50%)]

AFD029 [127866] **Možnosti experimentálneho výskumu v Laboratóriu materiálového a environmentálneho inžinierstva na SvF TUKE** / Nadežda Številová ... [et al.] - 2012. In: Partikulárne látky vo vede, priemysle a v životnom prostredí : zborník príspevkov zo 7. konferencie s medzinárodnou účasťou : 13. - 14. november 2012, Herľany. - Košice : TU, SvF, 2012 S. 249-255. - ISBN 978-80-553-1211-8
[ŠTEVULOVÁ, Nadežda (60%) - BÁLINTOVÁ, Magdaléna (10%) - EŠTOKOVÁ, Adriana (10%) - SIČÁKOVÁ, Alena (10%) - VILČEKOVÁ, Silvia (10%)]

AFD030 [131692] **Váhovanie významnosti kľúčových výkonnostných ukazovateľov vo facility managemente** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Vykurovanie 2013 : 21. medzinárodná konferencia na tému Energetické, environmentálne a ekonomické aspekty pri prevádzke vykurovacích systémov : 4. - 8. marec 2013, Ľubovnianske kúpele - hotel Sorea Ľubovňa. - Bratislava : SSTP, 2013 S. 463-468. - ISBN 978-80-89216-53-6
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD031 [133136] **Váhovanie významnosti kľúčových výkonnostných ukazovateľov vo facility managemente s ohľadom na udržateľnosť budov** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Správa budov 2013 : Zborník z 2. medzinárodnej konferencie : 18. - 19. apríl 2013, Novoľubovnianske kúpele. - Košice : V.O.Č. Slovakia s.r.o. , 2013 S. 23-31. - ISBN 978-80-970917-1-2
[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD032 [141358] **The current knowledge of measurement of volatile organic compounds in indoor environment** / Ľudmila Mečiarová, Silvia Vilčeková - 2013.In: Indoor Climate of Buildings 2013 : Indoor Environment and Energy Performance of HVAC-R Systems in Buildings : 1. - 3. December 2013, Štrbské Pleso, Slovakia. - Bratislava : SSTP, 2013 S. 25-33. - ISBN 978-80-89216-59-8
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD033 [147234] **Kvalita prostredia v administratívnej budove a výkonnosť užívateľov** / Zdenka Budaiová, Silvia Vilčeková - 2014.In: Vetranie a klimatizácia 2014 : Optimalizované návrhy systémov vetrania a klimatizácie : zborník prednášok zo 16. vedecko-odbornej konferencie : 17.-18.jún 2014, Štrbské Pleso. - Bratislava : SSTP Bratislava, 2014 S. 19-24. - ISBN 978-80-89216-63-5
[BUDAIOVÁ, Zdenka (50%) - VILČEKOVÁ, Silvia (50%)]

AFD034 [147235] **Stanovenie koncentrácií prchavých organických látok vo vnútornom prostredí** / Ľudmila Mečiarová, Silvia Vilčeková - 2014.In: Vetranie a klimatizácia 2014 : Optimalizované návrhy systémov vetrania a klimatizácie : zborník prednášok zo 16. vedecko-odbornej konferencie : 17.-18.jún 2014, Štrbské Pleso. - Bratislava : SSTP Bratislava, 2014 S. 13-18. - ISBN 978-80-89216-63-5
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD035 [153489] **Výskyt organických zlúčenín v ovzduší novostavby obytnej budovy** / Ľudmila Mečiarová, Silvia Vilčeková - 2014.In: Vnútorná klíma budov 2014 : Energetické a environmentálne aspekty budov s takmer nulovou potrebou energie : 25. vedecká konferencia : 2. - 3. december 2014, Štrbské Pleso. - Bratislava : SSTP Bratislava, 2014 S. 95-100. - ISBN 978-80-89216-67-3
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD036 [153490] **Hodnotenie kvality prostredia a výkonnosti v administratívnej budove** / Zdenka Budaiová, Silvia Vilčeková - 2014.In: Vnútorná klíma budov 2014 : Energetické a environmentálne aspekty budov s takmer nulovou potrebou energie : 25. vedecká konferencia : 2. - 3. december 2014, Štrbské Pleso. - Bratislava : SSTP Bratislava, 2014 S. 107-112. - ISBN 978-80-89216-67-3
[BUDAIOVÁ, Zdenka (50%) - VILČEKOVÁ, Silvia (50%)]

AFD037 [163026] **Analysis of material solutions of exterior walls with contact thermal insulation system** / S. Vilčeková ... [et al.] - 2015.In: Key Engineering Materials. Vol. 635 (2015), p. 165-168. - ISBN 978-303835344-7 Spôsob prístupu:
<http://www.scopus.com/record/display.url?eid=2-s2.0-84943698736&origin=resultslist&sort=plf-f&src=s&st1=burdova+k+e&st2=&sid=9BA39A00930570D5F48552B533313200.10QkqbljGqQLQ4Nw7dqZ4A%3a10&sof=b&sdt=b&sl=24&s=AUTHOR-NAME%28burdova+k+e%29&relpos=1&relpos=1&citeCnt=0&searchTern=AUTHOR-NAME%28burdova+k+e%29>
[VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AFD038 [163027] **Analysis of new generation material solutions of lower structure for energy efficient buildings** / Anna Sedláková ... [et al.] - 2015.In: Key Engineering Materials. Vol. 635 (2015), p.

26-29. - ISBN 978-303835344-7 Spôsob prístupu:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84943698696&origin=resultslist&sort=plf-f&src=s&st1=burdova+k+e&st2=&sid=9BA39A00930570D5F48552B533313200.10QkgbljGqqLQ4Nw7dqZ4A%3a10&so=b&sdt=b&sl=24&s=AUTHOR-NAME%28burdova+k+e%29&relpos=2&relpos=2&citeCnt=0&searchTerm=AUTHOR-NAME%28burdova+k+e%29>

[SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AFD039 [163482] **Vplyv prevádzky administratívnej budovy na kvalitu vnútorného prostredia /**

Ľudmila Mečiarová, Silvia Vilčeková, Zdenka Budaiová - 2015. In: Facility Management 2015. - Bratislava : SSTP, 2015 S. 85-88. - ISBN 978-80-89216-79-6

[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (45%) - BUDAIOVÁ, Zdenka (5%)]

AFD040 [163600] **Wall constructions – suitable selection of insulation materials /** Anna Sedláková ...

[et al.] - 2015. In: ESaT 2015. - Košice : TU, 2015 S. 1-6. - ISSN 978-80-553-2042-7

[SEDLÁKOVÁ, Anna (25%) - ŤAŽKÝ, Ladislav (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

AFD041 [164023] **Use of traditional and non-traditional materials for thermal insulation of walls /**

Anna Sedláková ... [et al.] - 2015. In: Advances and Trends in Engineering Sciences and Technologies. - Leiden : CRC Press/Balkema, 2015 P. 387-392. - ISBN 978-1-138-02907-1

[SEDLÁKOVÁ, Anna (25%) - ŤAŽKÝ, Ladislav (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

Ohlasy:

2017 [3] VATIN, N.I. et al. The method and computation of air change required for attic rooms In: Construction of Unique Buildings and Structures No. 2 (53) (2017), p. 50-60 ISSN: 2304-6295

AFD042 [165550] **Analýza prchavých organických zlúčenín v budove tlačiarne /** Ľudmila Mečiarová, Silvia Vilčeková - 2015. In: Vnútorná klíma budov 2015. - Bratislava : SSTP Bratislava, 2015 S. 93-98. - ISBN 978 - 80 - 89216 - 85 - 7

[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD043 [162765] **Measuring of Outdoor and Indoor Particulate Matter Concentrations in Village of**

Jasov / Silvia Vilčeková, Judita Kubinová, Eva Krídlová Burdová - 2016. In: Solid State Phenomena. - 2016 Vol. 244 (2016), p. 182-187. - ISBN 978-3-03859-428-4

[VILČEKOVÁ, Silvia (45%) - KUBINOVÁ, Judita (10%) - KRÍDLOVÁ BURDOVÁ, Eva (45%)]

AFD044 [171672] **Kvalita vnútorného prostredia v učebni /** Ľudmila Mečiarová ... [et al.] - 2016. In:

Vetranie a klimatizácia 2016. - Bratislava : SSTP, 2016 S. 48-54. - ISBN 978-80-89216-93-2

[MEČIAROVÁ, Ľudmila (25%) - VILČEKOVÁ, Silvia (25%) - KAPALO, Peter (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

AFD045 [176977] **Monitoring of indoor environment quality in university classroom /** Silvia Vilčeková

... [et al.] - 2016. In: SPACE 2016. - Košice : TU, 2016 S. 1-2. - ISBN 978-80-553-2643-6

[VILČEKOVÁ, Silvia (25%) - KAPALO, Peter (25%) - MEČIAROVÁ, Ľudmila (25%) - KRÍDLOVÁ BURDOVÁ, Eva (20%) - IMRECZEOVÁ, Veronika (5%)]

AFD046 [181811] **Investigation of indoor environment quality in classroom - case study /** Silvia

Vilčeková ... [et al.] - 2017. In: Procedia Engineering volume 190 : SPACE 2016. - Amsterdam : Elsevier, 2017 S. 496-503. - ISBN 978-80-553-2643-6 - ISSN 1877-7058 Spôsob prístupu:

<http://www.sciencedirect.com/science/article/pii/S1877705817325092>

[VILČEKOVÁ, Silvia (25%) - KAPALO, Peter (25%) - MEČIAROVÁ, Ľudmila (20%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - IMRECZEOVÁ, Veronika (5%)]

Ohlasy:

2018 [2] MITTERPACH, Jozef - ILEČKOVÁ, Rozália - ŠTEFKO, Jozef Life cycle impact assessment of construction materials of a wood-based building in an environmental context In: Acta Facultatis Xylogologiae Zvolen Roč. 60, č. 1 (2018), s. 147-157 ISSN: 1336-3824

2018 [1] GOLSHAN, M, THOEN, H, ZEILER, W Dutch sustainable schools towards energy positive In: Journal of Building Engineering Vol. 19 (2018), p. 161-171 ISSN: 2352-7102

2018 [2] MITTERPACH, Jozef - ILEČKOVÁ, Rozália, ŠTEFKO - Jozef Life cycle impact assessment of construction materials of a wood-based building in a n environmental context In: Acta Facultatis Xylogologiae Zvolen Roč. 60, č. 1 (2018), s. 147-157 ISSN: 1336-3824

2018 [3] CATALINA, Tiberiu, ENE, Alexandra, ANDREI MARIAN, Istrate Assessing the performance of led lighting in a classroom - simulations versus experiments In: Revista Romana de Inginerie Civila Vol. 9, no. 2 (2018), p. 120-127 ISSN: 2068-3987

2018 [1] MOLINA, Felipe Quesada - YAGUANA, Bustillos David Indoor environmental quality of urban residential buildings in Cuenca-Ecuador: Comfort standard In: Buildings Vol. 8, no. 7 (2018) ISSN: 2075-5309

2018 [1] BORGHI, F. et al. Precision and accuracy of a direct-reading miniaturized monitor in PM2.5 exposure assessment In: Sensors Vol. 18, no. 9 (2018), article no. 3089 ISSN: 1424-8220

2018 [1] KRAWCZYK, D.A., WĄDOŁOWSKA, B. Analysis of indoor air parameters in an education building In: Energy Procedia : 2018 International Scientific Conference on Environmental and Climate Technologies, CONECT 2018, Riga, Latvia, 16 May 2018 through 18 May 2018; Code 139883 Vol. 147 (2018), p. 96-103 ISSN: 1876-6102

2018 [1] TAHSILDOOST, Mohammad, ZOMORODIAN, Zahra S. Indoor environment quality assessment in classrooms: An integrated approach In: Journal of Building Physics Vol. 42, no. 3 (2018), p. 336-362 ISSN: 1744-2591

2018 [3] ZAILAN, Roziah, KAR, Mohd Tarmizy Che Energy Audit: A Case Study in FTK Building Universiti Malaysia Pahang In: International Journal of Engineering Technology and Sciences (IJETS) Vol. 5, no. 2 (2018), p. 1-11 ISSN: 2462-1269

2019 [1] LIS, A., SPODYNIUK, N. The quality of the microclimate in educational buildings subjected to thermal modernization In: E3S Web of Conferences : EKO-DOK 2019 : 11th Conference on Interdisciplinary Problems in Environmental Protection and Engineering : Polanica-Zdroj 8-10 April, 2019 Vol. 100 (2019), article no. 00048 ISSN: 2267-1242

2019 [3] MUJEEBU, Muhammad Abdul Introductory Chapter: Indoor Environmental Quality In: Indoor Environmental Quality P. 1-13 ISBN: 978-1-78985-252-3

2018 [3] ZAILAN, Roziah, CHE KAR, Mohd Tarmizy Energy Audit: A Case Study in FTK Building Universiti Malaysia Pahang In: International Journal of Engineering Technology and Sciences Vol. 5, no. 2 (2018), p. 91-101 ISSN: 2462-1269

2019 [3] ITE, Aniefiok E. et al. Comparison of Indoor Air Quality in Schools: Urban vs. Industrial 'Oil Gas' Zones in Akwa Ibom State – Nigeria In: Journal of Environment Pollution and Human Health Vol. 7, no. 1 (2019), p. 15-26 ISSN: 2334-3494

2019 [3] PALANISAMY, Dhamodharan - KANNAPPAN, Bakthavatsalam Ayalur Development and testing of condensate assisted pre-cooling unit for improved indoor air quality in a computer laboratory In: Building and Environment No. 163 (2019) ISSN: 0360-1323

2019 [3] RADOSAVLJEVIC, Vitomir, RADOSAVLJEVIC, Slavica, JELIC, Gordana Smart Classroom

Environmental Parameters as a Parameter of Adaptive Learning In: PEOPLE: International Journal of Social Sciences Vol. 5, no. 2 (2019), p. 680-699 ISSN: 2454-5899

AFD047 [186701] **Reálna a subjektívna kvalita vnútorného prostredia vo vybranej škole** / Ľudmila Mečiarová, Silvia Vilčeková - 2017. In: Vnútorná klíma budov 2017. - Bratislava : SSTP, 2017 S. 65-68. - ISBN 978-80-89878-18-5
[MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

AFD048 [186844] **Posudzovanie environmentálnej udržateľnosti alternatív rodinného domu so zelenými technológiami** / Andrea Moňoková, Silvia Vilčeková, Eva Krídlová Burdová - 2017. In: Vnútorná klíma budov 2017. - Bratislava : SSTP, 2017 S. 115-118. - ISBN 978-80-89878-18-5
[MOŇOKOVÁ, Andrea (50%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%)]

AFD049 [199048] **Analýza environmentálnych dopadov životného cyklu vybraných rodinných domov** / Andrea Moňoková, Silvia Vilčeková, Ľudmila Mečiarová - 2018. In: Vnútorná klíma budov 2018 : zborník prednášok z 29. vedeckej konferencie. Úspory energie versus vnútorné prostredie. - Bratislava (Slovensko) : Slovenská spoločnosť pre techniku prostredia s. 99-102. - ISBN 978-80-89878-39-0
[MOŇOKOVÁ, Andrea (40%) - VILČEKOVÁ, Silvia (30%) - MEČIAROVÁ, Ľudmila (30%)]

AFD050 [209209] **Analysis of current situation in field of LCA** / Želmíra Tomková, Silvia Vilčeková - 2019. In: YS2019 - Young Scientist 2019 : proceedings of the 11th International Scientific Conference of Civil and Environmental Engineering for PhD. Students and Young Scientists. - Bristol (Veľká Británia) : IOP Publishing s. 1-9 [online]. - ISSN 1757-8981
[TOMKOVÁ, Želmíra (95%) - VILČEKOVÁ, Silvia (5%)]

AFG - Abstrakty príspevkov zo zahraničných konferencií(1)

AFG001 [119509] **Building environmental assessment - waste management** / Eva Krídlová Burdová, Silvia Vilčeková - 2012. In: "Wastestorming" 2012 : An international conference on waste management : 1. - 2.3.2012, Pécs. - Pécs, Hungary : University of Pécs, 2012 P. 12.
[KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

AFH - Abstrakty príspevkov z domácich konferencií(2)

AFH001 [147154] **Material compositions of exterior walls with contact thermal insulation system** / Silvia Vilčeková ... [et al.] - 2014. In: Materiál v inžinierskej praxi 2014 : Zborník 9. medzinárodnej vedecko-technickej konferencie : 12.-13. Jún 2014, Herľany, Slovensko. - Košice : TU, 2014 S. 44. - ISBN 978-80-553-1791-9
[VILČEKOVÁ, Silvia (25%) - SEDLÁKOVÁ, Anna (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

AFH002 [147156] **Material solutions for new generation of lower structure for energy efficient buildings – case study** / Anna Sedláková ... [et al.] - 2014. In: Materiál v inžinierskej praxi 2014 : Zborník 9. medzinárodnej vedecko-technickej konferencie : 12.-13. Jún 2014, Herľany, Slovensko. - Košice : TU, 2014 S. 43. - ISBN 978-80-553-1791-9
[SEDLÁKOVÁ, Anna (25%) - VILČEKOVÁ, Silvia (25%) - KRÍDLOVÁ BURDOVÁ, Eva (25%) - ŤAŽKÝ, Ladislav (25%)]

BAB - Odborné monografie vydané v domácich vydavateľstvách(2)

BAB001 [101577] **Manažér bytových domov** / Danica Košičanová ... [et al.] - 1. vyd - Košice : TU - 2009. - 492 s. [CD-ROM]. - ISBN 978-80-553-0302-4.
[KOŠIČANOVÁ, Danica (13%) - VRANAYOVÁ, Zuzana (7%) - SEDLÁKOVÁ, Anna (11%) - VILČEKOVÁ, Silvia (8%) - KAPALO, Peter (10%) - VOJTUŠ, Jaroslav (6%) - KOŠIČAN, Miroslav (6%) - RUDIŠIN, Róbert (5%) - PETRUŠKOVÁ, Monika (2%) - MOYZESOVÁ, Eva (2%) - KURIMSKÝ, Eugen (10%) - SISOL, Martin (3%) - LEŠČÁK, Milan (4%) - LESKOVSKÁ, Oľívia (2%) - GRABAN, Adrián (3%) -

NOVIKMEC, Marián (8%)]

BAB002 [101663] **Manažér správy budov** / Danica Košičanová ... [et al.] - 1. vyd - Košice : TU - 2009. - 385 s. - ISBN 978-80-553-0303-1.

[KOŠIČANOVÁ, Danica (13%) - VRANAYOVÁ, Zuzana (7%) - SEDLÁKOVÁ, Anna (11%) - VILČEKOVÁ, Silvia (5%) - KAPALO, Peter (10%) - VOJTUŠ, Jaroslav (6%) - KOŠIČAN, Miroslav (6%) - RUDIŠIN, Róbert (5%) - PETRUŠKOVÁ, Monika (2%) - MOYZESOVÁ, Eva (2%) - KURIMSKÝ, Eugen (10%) - SISOL, Martin (3%) - LEŠČÁK, Milan (4%) - LESKOVSKÁ, Oľívia (2%) - GRABAN, Adrián (3%) - NOVIKMEC, Marián (3%) - KOVÁČ, Martin (3%) - KOVÁČOVÁ, Katarína (3%) - BRDA, Jiří (2%) - GRABAN, Adrián (3%)]

BCI - Skriptá a učebné texty(3)

BCI001 [55095] **Fyzikálne zložky architektonického prostredia** / Ingrid Šenitková, Silvia Vilčeková - Košice : SvF TU, - 2006. - 147 s. - ISBN 80-8073-615-4.

[ŠENITKOVÁ, Ingrid (50%) - VILČEKOVÁ, Silvia (50%)]

BCI002 [129348] **Stavebné inžinierstvo - časť Príklady** / Renáta Vargová ... [et al.] - 1. vyd - Košice : TU - 2012. - 94 s.. - ISBN 978-80-553-1042-8.

[VARGOVÁ, Renáta (46%) - VILČEKOVÁ, Silvia (4%) - KRÍDLOVÁ BURDOVÁ, Eva (3%) - KATUNSKÝ, Dušan (7%) - VRANAYOVÁ, Zuzana (7%) - HOLUBKA, Mariya (4%) - PRIGANC, Sergej (16%) - ŠTEVULOVÁ, Nadežda (8%) - KOZLOVSKÁ, Mária (5%)]

BCI003 [129349] **Stavebné inžinierstvo - časť Príklady** / Renáta Vargová ... [et al.] - 1. vyd - Košice : TU - 2012. - 109 s.. - ISBN 978-80-553-1041-1.

[VARGOVÁ, Renáta (45%) - VILČEKOVÁ, Silvia (5%) - KRÍDLOVÁ BURDOVÁ, Eva (4%) - KATUNSKÝ, Dušan (7%) - VRANAYOVÁ, Zuzana (7%) - HOLUBKA, Mariya (4%) - PRIGANC, Sergej (17%) - ŠTEVULOVÁ, Nadežda (7%) - KOZLOVSKÁ, Mária (4%)]

BCK - Kapitoly v učebniciach a učebných textoch(2)

BCK001 [147989] **Sustainability assessment of buildings**, / Silvia Vilčeková, Eva Krídlová Burdová - 2014.In: Energy efficient buildings : International University Skripta. - Košice : TU, 2014 S. 1-59. - ISBN 978-80-553-1723-6

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

BCK002 [148109] **Sustainability of building construction** / Silvia Vilčeková, Eva Krídlová Burdová - 2014.In: Energy efficient buildings : International University Skripta. - Košice : TU, 2014 S. 1-37. - ISBN 978-80-553-1723-6

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

BDF - Odborné práce v domácich nekarentovaných časopisoch(13)

BDF001 [67240] **Environmentálne hodnotenie budov u nás budúcnosť, v zahraničí realita** / Silvia Vilčeková, Eva Burdová - 2007.In: Plynár. Vodár. Kúrenár + Klimatizácia. Roč. 5, zima (2007), s. 10-13. - ISSN 1335-9614

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

BDF002 [74768] **Environmentálne hodnotenie budov - poznanie v zahraničí a návrh systému na Slovensku** / Silvia Vilčeková, Eva Burdová - 2008.In: Správca bytových domov. Roč. 3, č. 4 (2008), s. 8-12. - ISSN 1336-7919

[VILČEKOVÁ, Silvia (50%) - BURDOVÁ, Eva (50%)]

BDF003 [81894] **Environmentálne a energetické hodnotenie budov** / Silvia Vilčeková, Eva Krídlová Burdová - 2009.In: TechCON Magazin. Roč. 5, č. 1 (2009), s. 6-10. - ISSN 1337-3013 Spôsob prístupu: http://www.techcon.sk/download/casopis/sk/tm_0901_1.pdf.

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

BDF004 [105103] **Environmentálne hodnotenie stavebných materiálov a konštrukcií** / Eva Krídlová Burdová, Silvia Vilčeková - 2010.In: Stavebné hmoty. Roč. 6., č. 6 (2010), s. 5-8. - ISSN 1336-6041 [KRÍDLOVÁ BURDOVÁ, Eva (50%) - VILČEKOVÁ, Silvia (50%)]

Ohlasy:

2011 [4] NÉMETHY, Ladislav Analýza efektívnosti výstavby a energetických nákladov prevádzky domov z materiálu PORFIX In: Moderná stavba 2011 : Pasívny dom, nízkoenergetický dom : Zvolen, Slovensko Dostupné na internete:

http://www.porfix.sk/data/files/247_prezentacia_nizkoenergeticke_budovy_ingnemethy.pdf

2011 [4] NÉMETHY, Ladislav Environmentálne aspekty životného cyklu pórobetonových výrobkov na báze popolov In: PORFIX a životné prostredie Dostupné na internete:

http://www.porfix.sk/data/files/278_prednaska-porfix_a_zivotne_prostredie.pdf

2011 [4] NÉMETHY, Ladislav Efektívnosť nízkoenergetického domu z materiálu PORFIX Plus In: Moderná stavba 2011 : Pasívny dom, nízkoenergetický dom, novostavba, rekonštrukcia : Bratislava Dostupné na internete: http://www.porfix.pl/data/files/327_ned_porfix_jun2011.pdf

2012 [4] NÉMETHY, Ladislav PORFIX materiál pre efektívnu výstavbu energeticky úsporných domov In: Prednášky pre architektov a projektantov : Prievidza, 15.2.2012 Dostupné na:

http://www.porfix.sk/data/files/407_prednaska_ingnemethy-feb12.pdf

BDF005 [107774] **Konštrukčné riešenia obnovy plochých striech z hľadiska zviazanej energie a emisií CO₂** / Jaroslav Vojtuš, Silvia Vilčeková - 2011.In: Správca bytových domov. Roč. 6, č. 1 (2011), s. 43-45. - ISSN 1336-7919 Spôsob prístupu: <http://www.spravcovstvo.eu/?lid=47>. [VOJTUŠ, Jaroslav (50%) - VILČEKOVÁ, Silvia (50%)]

BDF006 [109029] **Hygienické kritériá a odporúčané hodnoty pre navrhovanie systémov techniky prostredia budov** / Silvia Vilčeková, Eva Krídlová Burdová - 2011.In: Správca bytových domov. Roč. 6, č. 2 (2011), s. 48-54. - ISSN 1336-7919

[VILČEKOVÁ, Silvia (50%) - KRÍDLOVÁ BURDOVÁ, Eva (50%)]

BDF007 [121929] **Normatívne predpisy na posudzovanie udržateľnosti budov** / Silvia Vilčeková - 2012.In: Eurostav. Roč. 18, č. 5 (2012), s. 39-42. - ISSN 1335-1249

[VILČEKOVÁ, Silvia (100%)]

BDF008 [123094] **Pozícia facility managementu na Slovensku** / Jarmila Rimbalová, Silvia Vilčeková - 2012.In: Správca bytových domov. Roč. 7, č. 3 (2012), s. 45-47. - ISSN 1336-7919

[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

BDF009 [133137] **Uplatnenie facility managementu v nemocničnom zariadení v oblasti upratovania** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Správca bytových domov. Roč. 8, č. 2 (2013), s. 26-27. - ISSN 1336-7919

[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

BDF010 [134247] **Facility management s ohľadom na udržateľnosť** / Jarmila Rimbalová, Silvia Vilčeková - 2013.In: Eurostav. Roč. 19, č. 5 (2013), s. 38-43. - ISSN 1335-1249

[RIMBALOVÁ, Jarmila (50%) - VILČEKOVÁ, Silvia (50%)]

BDF011 [199144] **Posúdenie životného cyklu rodinného domu** / Andrea Moňoková, Silvia Vilčeková - 2018.In: Enviromagazín : odborný-náučný časopis o životnom prostredí. - Banská Bystrica (Slovensko) : Slovenská agentúra životného prostredia Roč. 23, č. 6 (2018), s. 14-15 [print]. - ISSN 1335-1877

[MOŇOKOVÁ, Andrea (50%) - VILČEKOVÁ, Silvia (50%)]

BDF012 [199146] **Udržateľná výstavba a jej význam pre náš život** / Silvia Vilčeková - 2018.In: Enviromagazín : odborný časopis o životnom prostredí. - Banská Bystrica (Slovensko) : Slovenská agentúra životného prostredia Roč. 23, č. 6 (2018), s. 16-16 [print]. - ISSN 1335-1877 [VILČEKOVÁ, Silvia (100%)]

BDF013 [199508] **Znečisťujúce látky vo vnútornom prostredí budov** / Ľudmila Mečiarová, Silvia Vilčeková - 2018.In: Enviromagazín : odborný časopis o životnom prostredí. - Banská Bystrica (Slovensko) : Slovenská agentúra životného prostredia Roč. 23, č. 6 (2018), s. 18-19 [print]. - ISSN 1335-1877 [MEČIAROVÁ, Ľudmila (50%) - VILČEKOVÁ, Silvia (50%)]

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...)(2)

BFA001 [204468] **The relationship between the human activities and indoor climate of buildings** / Peter Kapalo, Silvia Vilčeková, Florin Domnita - 2016.In: Chisa 2016 : 22nd International Congress of Chemical and Process Engineering. - Prague (Česko) : Publisher Czech Society of Chemical Engineering s. 1-1 [CD-ROM]. [KAPALO, Peter (80%) - VILČEKOVÁ, Silvia (10%) - DOMNITA, Florin (10%)]

BFA002 [204513] **Effect of moisture problems in historical buildings and indoor climates** / Anna Sedláková ... [et al.] - 2016.In: Chisa 2016 : 22nd International Congress of Chemical and Process Engineering. - Prague (Česko) : Publisher Czech Society of Chemical Engineering s. 1-1 [CD-ROM]. [SEDLÁKOVÁ, Anna (60%) - VILČEKOVÁ, Silvia (20%) - KAPALO, Peter (5%) - KRÍDLOVÁ BURDOVÁ, Eva (5%) - ŤAŽKÝ, Ladislav (10%)]

DAI - Dizertačné a habilitačné práce(2)

DAI001 [22301] **Oxidy dusíka vo vnútornom prostredí budov** dizertačná práca/ Silvia Vilčeková ; školiteľ Ingrid Šenitková - Košice, : - 2002. - 90 s.. [VILČEKOVÁ, Silvia - ŠENITKOVÁ, Ingrid]

Ohlasy:

2003 [4] ŠTEVULOVÁ, N.: Chémia vnútorného prostredia budov. In: Ochrana ovzdušia. Bratislava: Dom techniky ZSVTS Bratislava s.r.o., 2003. S. 212-219. ISBN 80-233-0488-7.

DAI002 [92037] **Budovy a prostredie** habilitačná práca/ Silvia Vilčeková - Košice : SvF TU - 2009. - 105 s. [VILČEKOVÁ, Silvia (100%)]

GHG - Práce zverejnené na internete(1)

GHG001 [151241] **Environmentálne hodnotenie stavebných materiálov** / Silvia Vilčeková - 2014.In: Ukážka energetickej efektívnosti a využívania obnoviteľných zdrojov energie na príklade verejných budov (CEC5) : 2. medzinárodný odborný workshop : 16.5.2014, Trnava, Slovensko. S. 1-43. Spôsob prístupu: http://cec5.encc-ite.com/uploads/ttsk_workshop_2/pdf/Prezent%C3%A1cia%20Environment%C3%A1ln%C3%A9%20hodnotenie%20stavebn%C3%BDch%20materi%C3%A1lov%20II.%20workshop%20CEC5.pdf. [VILČEKOVÁ, Silvia (100%)]

Close

Web of Science
Page 1 (Records 1 -- 10)

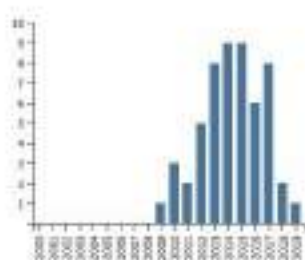
Print

[1 | 2 | 3 | 4 | 5 | 6]

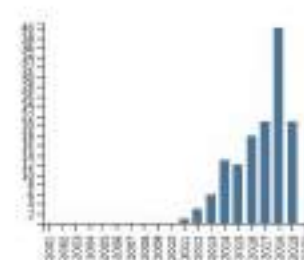
AUTHOR: (Vilcekova S)

Timespan=All years. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.

Total Publications by Year



Sum of Times Cited by Year



Results found: 54
 Sum of the Times Cited: 135
 Average Citations per Item: 2.50
 h-index: 7

	2016	2017	2018	2019	2020	Total	Average Citations per Year
	18	21	40	21	0	135	15.00
1. Title: Indoor environmental quality of classrooms and occupants' comfort in a special education school in Slovak Republic By: Vilcekova, Silvia; Meciarova, Ludmila; Burdova, Eva Kridlova; et al. Source: BUILDING AND ENVIRONMENT Volume: 120 Pages: 29-40 Published: AUG 1 2017	0	1	8	6	0	15	5.00
2. Title: Analysis of material solutions for design of construction details of foundation, wall and floor for energy and environmental impacts By: Sedlakova, Anna; Vilcekova, Silvia; Burdova, Eva Kridlova Source: CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Volume: 17 Issue: 5 Special Issue: SI Pages: 1323-1332 Published: JUN 2015	4	6	1	1	0	14	2.80
3. Title: Reduction of Carbon Footprint of Building Structures By: Culakova, Monika; Vilcekova, Silvia; Burdova, Eva Kridlova; et al. Edited by: Varbanov, PS; Lam, HL; Klemes, JJ; et al. Conference: 15th International Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction (PRES) Location: Prague, CZECH REPUBLIC Date: AUG 25-29, 2012 Source: PRES 2012: 15TH INTERNATIONAL CONFERENCE ON PROCESS INTEGRATION, MODELLING AND OPTIMISATION FOR ENERGY SAVING AND POLLUTION REDUCTION Book Series: Chemical Engineering Transactions Volume: 29 Pages: 199-204 Published: 2012	3	1	0	0	0	13	1.63
4. Title: Modeling the Occurrence of Nitrogen Oxides Indoors By: Vilcekova, S.; Senitkova, I. Source: INDOOR AND BUILT ENVIRONMENT Volume: 18 Issue: 2 Pages: 138-143 Published: APR 2009	2	0	0	0	0	9	0.82
5. Title: Energy and Environmental Evaluation of Non-Transparent Constructions of Building Envelope for Wooden Houses By: Vilcekova, Silvia; Culakova, Monika; Burdova, Eva Kridlova; et al. Source: ENERGIES Volume: 8 Issue: 10 Pages: 11047-11075 Published: OCT 2015	3	1	3	1	0	8	1.60
6. Title: Factors Effecting the Total Volatile Organic Compound (TVOC) Concentrations in Slovak Households By: Meciarova, L'udmila; Vilcekova, Silvia; Burdova, Eva Kridlova; et al. Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH Volume: 14 Issue: 12 Article Number: 1443 Published: DEC 2017	0	0	4	3	0	7	2.33
7. Title: Investigation of Indoor Environment Quality in Classroom - Case Study By: Vilcekova, Silvia; Kapalo, Peter; Meciarova, L'udmila; et al. Edited by: Kormanikova, E; Kotrasova, K; Kmeay, S Conference: 3rd International Conference on Structural and Physical Aspects of Construction Engineering (SPACE) Location: SLOVAKIA Date: NOV 09-11, 2016 Sponsor(s): Tech Univ Kosice, Civil Engn Fac, Inst Struct Engn, Dept Struct Mech; Slovak Soc Mech; Slovak Acad Sci Source: STRUCTURAL AND PHYSICAL ASPECTS OF CONSTRUCTION ENGINEERING Book Series: Procedia Engineering Volume: 190 Pages: 496-503 Published: 2017	0	0	5	2	0	7	2.33
8. Title: Investigation of Indoor Air Quality in Houses of Macedonia By: Vilcekova, Silvia; Apostoloski, Ilija Zoran; Meciarova, L'udmila; et al.	0	2	2	1	0	5	1.67

	2016	2017	2018	2019	2020	Total	Average Citations per Year
	18	21	40	21	0	135	15.00
Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH Volume: 14 Issue: 1 Article Number: 37 Published: JAN 2017							
9.	3	1	1	0	0	5	1.00
Title: Comparison of Environmental and Energy Performance of Exterior Walls By: Vilcekova, Silvia; Sedlakova, Anna; Burdova, Eva Kridlova; et al. Edited by: Perino, M Conference: 6th International Building Physics Conference (IBPC) Location: Torino, ITALY Date: JUN 14-17, 2015 Sponsor(s): ATI Piemonte; PolitecnicoTorino, Dept Energy Source: 6TH INTERNATIONAL BUILDING PHYSICS CONFERENCE (IBPC 2015) Book Series: Energy Procedia Volume: 78 Pages: 231-236 Published: 2015							
10.	0	3	2	0	0	5	1.00
Title: Sustainable Building Assessment Tool in Slovakia By: Burdova, Eva Kridlova; Vilcekova, Silvia Edited by: Perino, M Conference: 6th International Building Physics Conference (IBPC) Location: Torino, ITALY Date: JUN 14-17, 2015 Sponsor(s): ATI Piemonte; PolitecnicoTorino, Dept Energy Source: 6TH INTERNATIONAL BUILDING PHYSICS CONFERENCE (IBPC 2015) Book Series: Energy Procedia Volume: 78 Pages: 1829-1834 Published: 2015							

Close

Web of Science
Page 1 (Records 1 -- 10)

Print

◀ [1 | 2 | 3 | 4 | 5 | 6] ▶

Clarivate

Accelerating innovation

© 2019 Clarivate

[Copyright notice](#)[Terms of use](#)[Privacy statement](#)[Cookie policy](#)[Sign up for the Web of Science newsletter](#)

Follow us



Search within results...



Analyze search results

Show all abstracts Sort on: Date (newest)



Refine results

 All

Export

Download

View citation overview

View cited by

Add to List



Limit to Exclude

Access type

- Open Access (20) >
- Other (64) >

Year

- 2019 (2) >
- 2018 (4) >
- 2017 (14) >
- 2016 (9) >
- 2015 (15) >

View more

Author name

- Vilčeková, S. (43) >
- Vilcekova, S. (33) >
- Burdová, E.K. (21) >
- Burdova, E.K. (15) >
- Kapalo, P. (11) >

View more

Subject area

- Engineering (31) >
- Environmental Science (25) >
- Chemical Engineering (13) >
- Earth and Planetary Sciences (11) >
- Materials Science (11) >

View more

Document type

Publication stage

Source title

Keyword

Affiliation

Funding sponsor

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 1	Analysis of current situation in field of LCA. Open Access	Tomková, Ž., Vilčeková, S.	2019	IOP Conference Series: Materials Science and Engineering 566(1),012034	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/> 2	Investigation of CO ₂ production depending on physical activity of students	Kapalo, P., Mečiarová, L., Vilčeková, S., (...), Bacotiu, C., Péterfi, K.-E.	2019	International Journal of Environmental Health Research 29(1), pp. 31-44	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/> 3	Interlinked sustainability aspects of low-rise residential family house development in Slovakia Open Access	Vilčeková, S., Selecká, I., Burdová, E.K., Mečiarová, L.	2018	Sustainability (Switzerland) 10(11),3966	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/> 4	The real and subjective indoor environmental quality in schools	Mečiarová, L., Vilčeková, S., Křídlová Burdová, E., Kapalo, P., Mihaľová, N.	2018	International Journal of Environmental Health Research 28(1), pp. 102-123	7
	View abstract View at Publisher	Related documents			
<input type="checkbox"/> 5	Selected issues of family business in selected countries with emphasis on the Slovak Republic	Vilčeková, L., Mucha, B., Peráček, T., Strážovská, L.	2018	Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020 pp. 2500-2509	2
	View abstract	Related documents			
<input type="checkbox"/> 6	Securitization of liabilities in Slovak business law	Vilčeková, L., Kočíšová, L., Mucha, B., Peráček, T.	2018	Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020 pp. 5061-5069	0
	View abstract	Related documents			

Country/territory

Source type

Language

Limit to Exclude

[Export refine](#)

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 7	Factors effecting the total volatile organic compound (TVOC) concentrations in slovak households Open Access	Mečiarová, L., Vilčeková, S., Burdová, E.K., Kiselák, J.	2017	International Journal of Environmental Research and Public Health 14(12),1443	7
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 8	Environmental sustainability assessment of family house alternatives and application of green technologies Open Access	Moňoková, A., Vilčeková, S., Mečiarová, L., Křídlová Burdová, E.	2017	IOP Conference Series: Earth and Environmental Science 92(1),012044	0
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 9	Environmental Engineering in the Slovak Republic Open Access	Stevulova, N., Balintova, M., Zelenakova, M., Estokova, A., Vilcekova, S.	2017	IOP Conference Series: Earth and Environmental Science 92(1),012064	1
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 10	Indoor environmental quality of classrooms and occupants' comfort in a special education school in Slovak Republic	Vilcekova, S., Meciarova, L., Burdova, E.K., (...), Kosicanova, D., Doroudiani, S.	2017	Building and Environment 120, pp. 29-40	18
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 11	Investigation of particulate matter concentration in offices	Vilcekova, S., Estokova, A., Burdova, E.K., Budaiova, Z.	2017	Fresenius Environmental Bulletin 26(2), pp. 1225-1233	2
View abstract <input type="checkbox"/> Related documents					
<input type="checkbox"/> 12	Possibilities of green technologies application in building design from sustainability dimensions	Moňoková, A., Vilčeková, S., Burdová, E.K.	2017	10th International Conference on Environmental Engineering, ICEE 2017 enviro.2017.268	0
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 13	Environmental and energy assessment of a family house	Turcsanyi, P., Sedlakova, A., Burdova, E.K., Vilcekova, S.	2017	10th International Conference on Environmental Engineering, ICEE 2017 enviro.2017.274	0
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 14	Comparing the brand personality of nike in Slovakia and Czech Republic	Vilčeková, L.	2017	Proceedings of the 30th International Business Information Management Association Conference, IBIMA 2017 - Vision 2020: Sustainable Economic development, Innovation Management, and Global Growth 2017-January, pp. 4083-4088	0
View abstract <input type="checkbox"/> Related documents					

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	15 Determining the ventilation rate inside an apartment house on the basis of measured carbon dioxide concentrations - Case study Open Access	Kapalo, P., Vilčeková, S., Domnita, F., Bacotiu, C., Voznyak, O.	2017	10th International Conference on Environmental Engineering, ICEE 2017 enviro.2017.262	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	16 Short-term measurements of indoor environmental quality in selected offices - Case study	Meciarova, L., Vilcekova, S., Burdova, E.K., Apostoloski, I.Z., Kosicanova, D.	2017	10th International Conference on Environmental Engineering, ICEE 2017 enviro.2017.266	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	17 Investigation of indoor air quality in houses of Macedonia Open Access	Vilčeková, S., Apostoloski, I.Z., Mečiarová, L., Burdová, E.K., Kiselák, J.	2017	International Journal of Environmental Research and Public Health 14(1),37	5
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	18 Analyzing Embodied Energy, Global Warming and Acidification Potentials of Materials in Residential Buildings Open Access	Estokova, A., Vilcekova, S., Porhincak, M.	2017	Procedia Engineering 180, pp. 1675-1683	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	19 Indoor environmental quality in art elementary school – case study Open Access	Meciarova, L., Burdova, E.K., Vilcekova, S., Mihalova, N., Kapalo, P.	2017	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 17(41), pp. 543-550	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	20 Investigation of Indoor Environment Quality in Classroom - Case Study Open Access	Vilčeková, S., Kapalo, P., Mečiarová, L., Burdová, E.K., Imreczeová, V.	2017	Procedia Engineering 190, pp. 496-503	8
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	21 Sustainability Assessment of Family House Open Access	Vilcekova, S., Selecka, I., Burdova, E.K.	2016	Energy Procedia 96, pp. 551-559	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	22 Education in fields of sustainability design and assessment of buildings	Vilčeková, S., Křídlová Burdová, E.	2016	CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future pp. 1616-1621	0
	View abstract	Related documents			
<input type="checkbox"/>	23 Comparison of material compositions of roofs in term of environmental and energy performance	Křidlova Burdova, E., Vilcekova, S., Vojtus, J., Sedlakova, A.	2016	Chemical Engineering Transactions 52, pp. 1255-1260	1

	Document title	Authors	Year	Source	Cited by
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	24 The relationship between the human activities and indoor climate of buildings	Kapalo, P., Vilcekova, S., Domnita, F.	2016	22nd International Congress of Chemical and Process Engineering, CHISA 2016 and 19th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2016 2, pp. 1197	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	25 Measuring of outdoor and indoor particulate matter concentrations in village of Jasov	Vilcekova, S., Kubinova, J., Kridlova Burdova, E.	2016	Solid State Phenomena 244, pp. 182-187	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	26 Sustainability assessment of family house -Case study	Křídlová Burdová, E., Vilčeková, S., Grohol, M.	2016	CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future pp. 1410-1417	0
	View abstract	Related documents			
<input type="checkbox"/>	27 Use of traditional and non-traditional materials for thermal insulation of walls	Sedlakova, A., Tazky, L., Vilcekova, S., Burdova, E.K.	2016	Advances and Trends in Engineering Sciences and Technologies - Proceedings of the International Conference on Engineering Sciences and Technologies, ESaT 2015 pp. 387-392	0
	View abstract	Related documents			
<input type="checkbox"/>	28 Investigation of Particulate Matters of the University Classroom in Slovakia Open Access	Burdova, E.K., Vilcekova, S., Meciarova, L.	2016	Energy Procedia 96, pp. 620-627	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	29 Evaluation of architectural and environmental aspects of passive house	Sedlakova, A., Turcsanyi, P., Vilcekova, S., Burdova, E.K.	2016	Chemical Engineering Transactions 52, pp. 619-624	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	30 Sustainable building assessment tool in Slovakia Open Access	Burdova, E.K., Vilcekova, S.	2015	Energy Procedia 78, pp. 1829-1834	8
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	31 Comparison of environmental and energy performance of exterior walls Open Access	Vilcekova, S., Sedlakova, A., Burdova, E.K., Vojtus, J.	2015	Energy Procedia 78, pp. 231-236	7
	View abstract View at Publisher	Related documents			

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	32 Analysis of material solutions for design of construction details of foundation, wall and floor for energy and environmental impacts	Sedláková, A., Vilčeková, S., Krídlová Burdová, E.	2015	Clean Technologies and Environmental Policy 17(5), pp. 1323-1332	17
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	33 Occurrence of VOCs before and after renovation of an apartment: A case study Open Access	Vilcekova, S., Meciarova, L.	2015	WIT Transactions on Ecology and the Environment 198, pp. 349-356	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	34 Environmental assessment of indoor environmental quality in new building – case study	Vilcekova, S., Burdova, E.K.	2015	Healthy Buildings Europe 2015, HB 2015 - Conference Proceedings 2015-May	0
	View abstract	Related documents			
<input type="checkbox"/>	35 Energy and environmental evaluation of non-transparent constructions of building envelope for wooden houses Open Access	Vilčeková, S., Čuláková, M., Burdová, E.K., Katunská, J.	2015	Energies 8(10), pp. 11047-11075	11
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	36 Analysis of new generation material solutions of lower structure for energy efficient buildings	Sedláková, A., Vilčeková, S., Burdová, E.K., Tažký, L.	2015	Key Engineering Materials 635, pp. 26-29	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	37 Analysis of material solutions of exterior walls with contact thermal insulation system	Vilčeková, S., Sedláková, A., Burdová, E.K., Tažký, L.	2015	Key Engineering Materials 635, pp. 165-168	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	38 Productivity and indoor environmental quality in offices	Vilcekova, S., Budaiova, Z.	2015	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 1(4), pp. 993-1000	0
	View abstract	Related documents			
<input type="checkbox"/>	39 Indoor air pollution caused by volatile organic compounds	Vilcekova, S., Meciarova, L.	2015	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 1(4), pp. 945-952	0
	View abstract	Related documents			
<input type="checkbox"/>	40 Multi-criteria analysis of building environmental assessment regarding building materials and structures	Vilcekova, S., Burdova, E.K.	2015	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 1(5), pp. 557-564	1

	Document title	Authors	Year	Source	Cited by
	View abstract Related documents				
<input type="checkbox"/>	41 Organic compounds in residential buildings	Meciarova, L., Vilcekova, S., Budaiova, Z.	2015	Healthy Buildings Europe 2015, HB 2015 - Conference Proceedings 2015-May	0
	View abstract Related documents				
<input type="checkbox"/>	42 Occupants' performance in office buildings and indoor environmental quality	Budaiova, Z., Vilcekova, S., Meciarova, L.	2015	Healthy Buildings Europe 2015, HB 2015 - Conference Proceedings 2015-May	1
	View abstract Related documents				
<input type="checkbox"/>	43 Modelling the prediction of the NO _x concentration in the outdoor air applying dimensional analysis	Nagy, G., Vilcekova, S., Domokos, E.	2015	Fresenius Environmental Bulletin 24(11B), pp. 3963-3972	0
	View abstract Related documents				
<input type="checkbox"/>	44 Local mechanical properties of highly porous Si ₃ N ₄ for trabecular bone replacement	Vilčeková, Z.P., Kašiarová, M., Domanická, M.P., Hnatko, M., Šajgalík, P.	2015	Key Engineering Materials 662, pp. 142-146	0
	View abstract View at Publisher Related documents				
<input type="checkbox"/>	45 Building environmental assessment - Waste management	Křídlová Burdová, E., Vilčeková, S.	2014	Pollack Periodica 9(SUPPL. 1), pp. 127-139	1
	View abstract View at Publisher Related documents				
<input type="checkbox"/>	46 Evaluation of energy aspects in residential buildings	Křídlová Burdová, E., Vilčeková, S.	2014	21st International Congress of Chemical and Process Engineering, CHISA 2014 and 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014 4, pp. 2298	0
<input type="checkbox"/>	47 Multi-criteria analysis of building assessment regarding energy performance using a life-cycle approach Open Access	Vilcekova, S., Křídlova Burdova, E.	2014	International Journal of Energy and Environmental Engineering 5(2-3), pp. 1-9	6
	View abstract View at Publisher Related documents				
<input type="checkbox"/>	48 Evaluation of energy aspects in residential buildings	Burdová, E.K., Vilčeková, S.	2014	Chemical Engineering Transactions 39(Special Issue), pp. 1063-1068	2
	View abstract View at Publisher Related documents				
<input type="checkbox"/>	49 Evaluation of structures design concept of lower structure from embodied energy and emissions	Sedláková, A., Vilčeková, S., Burdová, E.K.	2014	Chemical Engineering Transactions 39(Special Issue), pp. 139-144	4
	View abstract View at Publisher Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	50 Assessment of alternative solutions of lower structure, taking into account energy and environmental impacts	Sedláková, A., Vilčeková, S., Krídlová Burdová, E., Majdlen, P.	2014	9th International Conference on Environmental Engineering, ICEE 2014	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	51 Comparison of Material Compositions of Exterior Wall in term of Environmental and Energy Performance	Burdová, E.K., Vilčeková, S., Sedláková, A., Ťažký, L.	2014	9th International Conference on Environmental Engineering, ICEE 2014	3
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	52 Using experimental measurements the concentrations of carbon dioxide for determine the intensity of ventilation in the rooms	Kapalo, P., Vilcekova, S., Voznyak, O.	2014	21st International Congress of Chemical and Process Engineering, CHISA 2014 and 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014 4, pp. 2495	0
<input type="checkbox"/>	53 Determination of concentrations of volatile organic compounds in indoor environment of residential buildings	Meciarova, L., Vilcekova, S.	2014	21st International Congress of Chemical and Process Engineering, CHISA 2014 and 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014 4, pp. 2422	0
<input type="checkbox"/>	54 Indoor concentrations of particulate matters at domestic homes	Apostoloski, Z.I., Vilcekova, S.	2014	Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate pp. 240-247	0
	View abstract Related documents				
<input type="checkbox"/>	55 Using experimental measurements of the concentrations of carbon dioxide for determining the intensity of ventilation in the rooms	Kapalo, P., Vilcekova, S., Voznyak, O.	2014	Chemical Engineering Transactions 39(Special Issue), pp. 1789-1794	2
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	56 Measurement of VOCs with a portable GC/SAW detector	Meciarova, L., Vilcekova, S., Balintova, M.	2014	Chemical Engineering Transactions 40(Special Issue), pp. 283-288	3
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	57 Alternative wall insulation for energy efficient buildings	Vilčeková, S., Sedláková, A., Burdová, E.K., Ťažký, L.	2014	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2(6), pp. 19-26	0
	View abstract Related documents				

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	58 Determine a methodology for calculating the needed fresh air Open Access	Kapalo, P., Vilčeková, S., Domnita, F., Voznyak, O.	2014	9th International Conference on Environmental Engineering, ICEE 2014	4
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	59 Determination of local mechanical properties of Si ₃ N ₄ based foams	Vilčeková, Z., Kašiarová, M., Domanická, M., Šajgalík, P.	2014	Key Engineering Materials 606, pp. 213-216	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	60 Corrosion behavior of human teeth measured by nanoindentation method	Kašiarová, M., Galusková, D., Vilčeková, Z., (...), Gaalová, P., Galusek, D.	2014	Key Engineering Materials 606, pp. 145-148	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	61 Mechanical properties of porous Si ₃ N ₄ ceramics	Kašiarová, M., Vilčeková, Z., (...), Bodišová, K., (...), Šajgalík, P., Gromošová, S.	2014	Key Engineering Materials 586, pp. 166-169	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	62 Environmental assessment of selected building - Case study	Vilcekova, S., Burdova, E.K., Snopkova, M.	2013	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM pp. 633-640	3
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	63 Analysis of environmental and social aspects in low energy house - Case study	Vilcekova, S., Sedlakova, A., Kapalo, P., (...), Burdova, E.K., Geletka, V.	2013	International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM pp. 555-561	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	64 Multi-criteria analysis of material compositions of external walls	Čuláková, M., Vilčeková, S., Křídlová Burdová, E., Katunská, J.	2013	Advanced Materials Research 664, pp. 485-490	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	65 Comparison of material compositions of structures in terms of environmental and energy performance	Čuláková, M., Vilčeková, S.	2013	CESB 2013 PRAGUE - Central Europe Towards Sustainable Building 2013: Sustainable Building and Refurbishment for Next Generations pp. 633-636	1
	View abstract	Related documents			

	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/>	66 Perceived comfort and discomfort in office buildings	Pilipová, I., Vilčeková, S.	2013	CESB 2013 PRAGUE - Central Europe Towards Sustainable Building 2013: Sustainable Building and Refurbishment for Next Generations pp. 761-764	0
View abstract <input type="checkbox"/> Related documents					
<input type="checkbox"/>	67 Multi-criteria decision analysis of environmental sustainability of building structures	Čuláková, M., Vilčeková, S., Burdová, E.K.	2013	ISEC 2013 - 7th International Structural Engineering and Construction Conference: New Developments in Structural Engineering and Construction pp. 1559-1564	0
View abstract <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents					
<input type="checkbox"/>	68 Verification of Slovak environmental assessment system of buildings	Burdová, E.K., Vilčeková, S., Čuláková, M.	2013	ISEC 2013 - 7th International Structural Engineering and Construction Conference: New Developments in Structural Engineering and Construction pp. 1709-1714	0
View abstract <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents					
<input type="checkbox"/>	69 Multi-criteria analysis of material selection in order to reduce environmental impacts	Čuláková, M., Vilčeková, S., Katunská, J., Burdová, E.K.	2013	Chemical Engineering Transactions 35, pp. 379-384	4
View abstract <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents					
<input type="checkbox"/>	70 Analysis of environmental aspects in high energy performance family house - Case study	Vilčeková, S., Sedláková, A., Burdová, E.K., (...), Geletka, V., Kapalo, P.	2013	Chemical Engineering Transactions 35, pp. 385-390	6
View abstract <input type="checkbox"/> View at Publisher <input type="checkbox"/> Related documents					
<input type="checkbox"/>	71 An analytical method to assessment facility management services in case study	Vilčeková, S., Rimbalová, J.	2012	12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2012 4, pp. 839-846	0
View abstract <input type="checkbox"/> Related documents					
<input type="checkbox"/>	72 A Slovak environmental rating tool for buildings	Křídlová Burdová, E., Vilčeková, S., Křídlo, O., Nagy, R., Hřeš, J.	2012	12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2012 5, pp. 13-20	1
View abstract <input type="checkbox"/> Related documents					
<input type="checkbox"/>	73 Environmental assessment of building materials and constructions	Burdová, E.K., Vilčeková, S.	2012	Applied Mechanics and Materials 174-177, pp. 3161-3165	3

	Document title	Authors	Year	Source	Cited by
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	74 Energy performance indicators developing Open Access	Burdová, E.K., Vilčeková, S.	2012	Energy Procedia 14, pp. 1175-1180	3
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	75 Reduction of carbon footprint of building structures	Čuláková, M., Vilčeková, S., Kridlová Burdová, E., Katunská, J.	2012	Chemical Engineering Transactions 29, pp. 199-204	16
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	76 Dimensional analysis application for modeling and prediction of the indoor nitrogen oxides	Vilčeková, S., Šenitková, I.	2011	12th International Conference on Indoor Air Quality and Climate 2011 3, pp. 2523-2528	0
	View abstract	Related documents			
<input type="checkbox"/>	77 Comparison of environmental impact of building materials of three residential buildings Open Access	Porhinčák, M., Eštoková, A., Vilčeková, S.	2011	Pollack Periodica 6(3), pp. 53-62	11
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	78 Indoor and outdoor air quality monitoring in hemp house - Case study	Rímbalová, J., Vilčeková, S., Eštoková, A.	2011	Pollack Periodica 6(3), pp. 63-72	1
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	79 Site selection and project planning resulting in sustainable buildings	Vilčeková, S., Burdová, E.K., Ondová, M.	2011	8th International Conference on Environmental Engineering, ICEE 2011 pp. 1009-1013	1
	View abstract	Related documents			
<input type="checkbox"/>	80 Indoor nitrogen oxides occurrence, modeling and prediction	Vilcekova, S., Senitkova, I.	2011	ISEC 2011 - 6th International Structural Engineering and Construction Conference: Modern Methods and Advances in Structural Engineering and Construction pp. 1105-1109	0
	View abstract View at Publisher	Related documents			
<input type="checkbox"/>	81 Education and training in the field of sustainable building design	Šenitková, I., Vilčeková, S.	2010	Proceedings: CESB 2010 Prague - Central Europe towards Sustainable Building 'From Theory to Practice' pp. 1-6	0
	View abstract	Related documents			
<input type="checkbox"/>	82 Building environmental assessment system-weight determination	Šenitková, I., Burdová, E.K., Vilčeková, S.	2010	Proceedings: CESB 2010 Prague - Central Europe towards Sustainable Building 'From Theory to Practice' pp. 1-10	0

Document title Authors Year Source Cited by

[View abstract](#) [Related documents](#)

<input type="checkbox"/>	83	Building environmental assessment - System verification	Vilčeková, S., Burdová, E.K., Šenitková, I.	2009	9th International Conference and Exhibition - Healthy Buildings 2009, HB 2009	0
--------------------------	----	---	---	------	---	---

[View abstract](#) [Related documents](#)

<input type="checkbox"/>	84	Modeling the occurrence of nitrogen oxides indoors	Vilčeková, S., Šenitková, I.	2009	Indoor and Built Environment 18(2), pp. 138-143	12
--------------------------	----	--	------------------------------	------	---	----

[View abstract](#) [View at Publisher](#) [Related documents](#)

Display: 100 [▼](#)
results per page

[About Scopus](#)

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

[Language](#)

[日本語に切り替える](#)

[切换到简体中文](#)

[切换到繁體中文](#)

[Русский язык](#)

[Customer Service](#)

[Help](#)

[Contact us](#)

ELSEVIER

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 **RELX**