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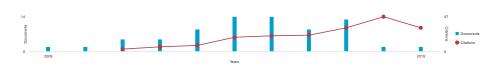
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2018 Sustainability (Switzerland)

10(11),3966

View abstract ✓ View at Publisher Related documents

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Document title	Authors	Year	Source	Cited by
The real and subjective indoor environmental quality in schools	Mečiarová, Ľ., Vilčeková, S., Krídlová Burdová, E., Kapalo, P., Mihaľová, N.		International Journal of Environmental Health Research 28(1), pp. 102-123	7
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Environmental sustainability assessment of family house alternatives and application of green technologies Open Access	Moňoková, A., Vilčeková, S., Mečiarová, Ľ., Krídlová Burdová, E.	2017	IOP Conference Series: Earth and Environmental Science 92(1),012044	0
View abstract ✓ View at Publisher Related docum	ents			
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 ✓ View at Publisher Related docum	ents			
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 ✓ View at Publisher Related docum	ents			
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
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View abstract ✓ View at Publisher Related docum	ents			
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 ✓ View at Publisher Related docum	ents			
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
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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

Document title	Authors	Year	Source	Cited by
View abstract ✓ View at Publisher Related docum	ents			
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 docum	ents			
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
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Investigation of Indoor Environment Quality in Classroom - Case Study Open Access	Vilčeková, S., Kapalo, P., Mečiarová, Ľ., Burdová, E.K., Imreczeová, V.	2017	Procedia Engineering 190, pp. 496-503	8
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Investigation of indoor air quality in houses of Macedonia Open Access	Vilčeková, S., Apostoloski, I.Z., Mečiarová, Ľ., Burdová, E.K., Kiseľák, J.	2017	International Journal of Environmental Research and Public Health $14(1),37$	5
View abstract ✓ View at Publisher Related docum	ents			
Education in fields of sustainability design and assessment of buildings	Vilčeková, S., Krídlová Burdová, E.	2016	CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future pp. 1616-1621	0
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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
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 docum	ents			
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 docum	ents			
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 docum	ents			
Sustainability assessment of family house -Case study	Krídlová Burdová, E., Vilčeková, S., Grohol, M.	2016	CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future pp. 1410-1417	0

Document title	Authors	Year Source	Cited by
View abstract ✓ Related documents			
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 docum	nents		
Comparison of material compositions of roofs in term of environmental and energy performance	Kridlova Burdova, E., Vilcekova, S., Vojtus, J., Sedlakova, A.	2016 Chemical Engineering Transactions 52, pp. 1255-1260	1
View abstract ✓ View at Publisher Related docum	nents		
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			
Sustainable building assessment tool in Slovakia Open Access	Burdova, E.K., Vilcekova, S.	2015 Energy Procedia 78, pp. 1829-1834	8
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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 docum	nents		
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
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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 docum	nents		
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			
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
View abstract ✓ Related documents			
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
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Document title	Authors	Year	Source	Cited by
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				
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
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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				
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
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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
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Analysis of material solutions of exterior walls with contact thermal insulation system	Vilčeková, S., Sedláková, A., Burdová, E.K., "ažký, L.	2015	Key Engineering Materials 635, pp. 165-168	1
View abstract ✓ View at Publisher Related docum	nents			
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 docum	nents			
Building environmental assessment - Waste management	Krídlová Burdová, E., Vilčeková, S.	2014	Pollack Periodica 9(SUPPL. 1), pp. 127-139	1
View abstract ✓ View at Publisher Related docum	nents			
Evaluation of energy aspects in residential buildings	Kridlová 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
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

Document title	Authors	Year Source	Cited by
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			
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 docum	ents		
Multi-criteria analysis of building assessment regarding energy performance using a life-cycle approach Open Access	Vilcekova, S., Kridlova Burdova, E.	2014 International Journal of Energy and Environmental Engineering 5(2-3), pp. 1-9	6
View abstract ✓ View at Publisher Related docum	ents		
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	z, 0
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 docum	ents		
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
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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 docum	ents		
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View abstract ✓ View at Publisher Related docum	ents		
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, ICE 2014	E 3
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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, ICE 2014	E 2

Document title	Authors	Year	Source	Cited by
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				
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 docum	ents			
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 docum	ents			
Multi-criteria analysis of material compositions of external walls	Čuláková, M., Vilčeková, S., Krídlová Burdová, E., Katunská, J.	2013	Advanced Materials Research 664, pp. 485-490	1
View abstract ✓ View at Publisher Related docum	ents			
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
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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
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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 ✓ View at Publisher Related docum	ents			
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 ✓ View at Publisher Related docum	ents			
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 ✓ View at Publisher Related docum	ents			
Analysis of environmental aspects in high energy performance family house - Case study	Vilćeková, S., Sedláková, A., Burdová, E.K., (), Geletka, V., Kapalo, P.	2013	Chemical Engineering Transactions 35, pp. 385-390	6

Document title	Authors	Year	Source	Cited by
View abstract ✓ View at Publisher Related docu	ments			
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 ✓ Related documents				
A Slovak environmental rating tool for buildings	Krídlová Burdová, E., Vilčeková, S., Krídlo, O., Nagy, R., Híreš, 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 ✓ Related documents				
Environmental assessment of building materials and constructions	Burdová, E.K., Vilčeková, S.	2012	Applied Mechanics and Materials 174-177, pp. 3161-3165	3
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Energy performance indicators developing Open Access	Burdová, E.K., Vilčeková, S.	2012	Energy Procedia 14, pp. 1175-1180	3
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Reduction of carbon footprint of building structure	s Čuláková, M., Vilčeková, S., Kridlová Burdová, E., Katunská, J.	2012	Chemical Engineering Transactions 29, pp. 199-204	16
View abstract ✓ View at Publisher Related docu	nents			
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				
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 docu	nents			
Indoor and outdoor air quality monitoring in hemp house - Case study	Rimbalová, J., Vilčeková, S., Eštoková, A.	2011	Pollack Periodica 6(3), pp. 63-72	1
View abstract ✓ View at Publisher Related docu	ments			
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 docu	nents			
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

Document title	Authors	r Source	Cite	ed by
View abstract ✓ Related documents				
Education and training in the field of sustainable building design	Šenitková, I., Vilčeková, S.	0 Proceedings: CESB 2010 F Sustainable Building 'Fror pp. 1-6	Prague - Central Europe towards n Theory to Practice'	0
View abstract ✓ Related documents				
Building environmental assessment system-weight determination	Šenitková, I., Burdová, E.K., Vilčeková, S.	0 Proceedings: CESB 2010 F Sustainable Building 'Fror pp. 1-10	Prague - Central Europe towards n Theory to Practice'	0
View abstract ✓ Related documents				
Building environmental assessment - System verification	Vilčeková, S., Burdová, E.K., Šenitková, I.	9 9th International Conferer 2009, HB 2009	nce and Exhibition - Healthy Buildings	0
View abstract ✓ Related documents				
Modeling the occurrence of nitrogen oxides indoors	s Vilčeková, S., Šenitková, I.	9 Indoor and Built Environr 18(2), pp. 138-143	nent	12
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