

Technická univerzita v Košiciach
Fakulta baníctva, ekológie, riadenia a geotechnológií

PREHĽAD CITAČNÝCH OHLASOV Z DATABÁZ
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Ing. Martin Beer, PhD.

Košice, november 2021

PREHĽAD CITAČNÝCH OHLASOV AUTORA Z DATABÁZY EPC TUKE (výpis z databázy EPC TUKE vrátane ohlasov)

Technická univerzita v Košiciach
Prehľad publikačnej činnosti vrátane ohlasov
Autor: BEER, Martin
Dátum generovania výstupu: 25.11.2021, 8:31:54

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

Počet záznamov: 2

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (2)

Skupina B – Publikácie v karentovaných časopisoch alebo registrované vo WoS a Scopus (ADC, ADD, BDC, BDD, CDC, CDD, ADM, ADN, BDM, BDN)

Počet záznamov: 20

ADC - Vedecké práce v zahraničných karentovaných časopisoch (12)

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (5)

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

AGJ - Autorské osvedčenia, patenty, objavy (1)

Skupina C - Ostatné recenzované publikácie do r. 2012 (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: 7

ADF - Vedecké práce v domácich nekarentovaných časopisoch (1)

AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách (1)

AFD - Publikované príspevky na domácich vedeckých konferenciách (5)

Skupina D - Ostatné publikácie (ACC, ACD, ADE, ADF, AEC, AED, AEG, AEH, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, AEM, AEN, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEE, BEF, BFA, BFB, CBA, CBB, CDE, CDF)

Počet záznamov: 24

ADF - Vedecké práce v domácich nekarentovaných časopisoch (2)

AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách (1)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (9)

AFD - Publikované príspevky na domácich vedeckých konferenciách (10)

AFL - Postery z domácich konferencií (1)

BDF - Odborné práce v domácich nekarentovaných časopisoch (1)

Skupina Patenty - Patentové prihlášky, prihlášky úžitkových vzorov, prihlášky dizajnov, prihlášky ochranných známok,... (AGJ)

Počet záznamov: 47

AGJ - Autorské osvedčenia, patenty, objavy (47)

Skupina Ostatné – mimo kategórií MŠVVaŠ SR (AFK, AFL, AGI, BGG, CAI, CAJ, CGC, CGD, CIA, CIB, CJA, CJB, CKA, CKB, DAI, EDJ, GAI, GHG, GII, CEC, CED, EDI)

Počet záznamov: 1

GAI - Výskumné štúdie a priebežné správy (1)

Počet záznamov spolu: 101

Menný zoznam publikácií:

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(2)

ACB001 [120352] **Tradičné zdroje energie - Fosílna palivá** / Radim Rybár, Dušan Kudelas, Martin Beer - 1. vyd. - Košice : TU - 2012. - 144 s.. - ISBN 978-80-553-0892-0.
[RYBÁR, Radim (49%) - KUDELAS, Dušan (49%) - BEER, Martin (2%)]

Ohlasy:

[1] VILAMOVIÁ, Š., PIECHA, M., PAVELEK, Z. *Unconventional oil resources exploitation: A review In: Acta Montanistica Slovaca Roč. 21, č. 3 (2016), s. 247-257 ISSN: 1335-1788*

ACB002 [300559] **Tradičné zdroje energie - fosílna palivá** / Radim Rybár ... [et al.] - 1. vyd. - Košice : Technická univerzita v Košiciach - 2021. - 67 s. [print]. - ISBN 978-80-553-3927-6. [RYBÁR, Radim (25%) - BEER, Martin (25%) - KUDELAS, Dušan (25%) - GABÁNIOVÁ, Ľubomíra (25%)]

ADC - Vedecké práce v zahraničných karentovaných časopisoch(12)

ADC001 [163038] **The comparative field performance study of heat pipe evacuated tube collectors with standard design manifold header and parallel flow manifold header based on the metal foam structural element** / Radim Rybár, Martin Beer - 2015. In: Solar Energy. Vol. 122 (2015), p. 359-367. - ISSN 0038-092X Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S0038092X15004910>. [RYBÁR, Radim (50%) - BEER, Martin (50%)]

Ohlasy:

[1] KOSCO, Jan et al. *APPLICATION OF 1 MW HEAT PUMP YORK 0955HA AND ANALYSIS OF PROBLEMS IN AUDIT OF PROCEDURE In: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I : Albena (2016) p.139-145 ISBN:978-619-7105-63-6 ISSN:1314-2704* [WOS:000391348600018] [NEIMPORTOVANÉ V CREPČ]

[2] KUDELAS, Dusan et al. *DEVELOPING AN EFFECTIVE WASTE MANAGEMENT SYSTEM IN LIBYA In: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL II : Albena (2016) p.27-32 ISBN:978-619-7105-64-3 ISSN:1314-2704* [WOS:000391348700004] [NEIMPORTOVANÉ V CREPČ]

[3] KUDELAS, Dusan et al. *ANALYSIS OF WIND FLOW IN BUILT UP AREAS AND POSSIBLE UTILISATION OF BUILDINGS IN TERMS OF PLACING SMALL WIND EQUIPMENTS In: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I : Albena (2016) p.115-122 ISBN:978-619-7105-63-6 ISSN:1314-2704* [WOS:000391348600015] [NEIMPORTOVANÉ V CREPČ]

[4] LIU, Zhongliang et al. *Enhancing boiling and condensation co-existing heat transfer in a small and closed space by copper foam inserts In: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER vol.108, (2017) p.961-971 ISSN:0017-9310 eISSN:1879-2189* Doi:10.1016/j.ijheatmasstransfer.2016.12.088 [WOS:000399357800082] [NEIMPORTOVANÉ V CREPČ]

[5] PUSKAR, Michal et al. *Autonomous vehicle with internal combustion drive based on the homogeneous charge compression ignition technology In: INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS vol.14, no.5 (2017) ISSN:1729-8814* Doi:10.1177/1729881417736896 [WOS:000413643400001] [NEIMPORTOVANÉ V CREPČ]

[6] GRISSA, Kods et al. *Performance of a cylindrical wick heat pipe used in solar collectors: Numerical approach with Lattice Boltzmann method In: ENERGY CONVERSION AND MANAGEMENT vol.150, (2017) p.623-636 ISSN:0196-8904 eISSN:1879-2227* Doi:10.1016/j.enconman.2017.08.038 [WOS:000412609400050] [NEIMPORTOVANÉ V CREPČ]

[7] PUSKAR, Michal et al. *Method for reduction of the NOx emissions in marine auxiliary diesel engine using the fuel mixtures containing biodiesel using HCCI combustion In: MARINE POLLUTION BULLETIN vol.127, (2018) p.752-760 ISSN:0025-326X eISSN:1879-3363* Doi:10.1016/j.marpolbul.2017.08.031 [WOS:000427332900083] [NEIMPORTOVANÉ V CREPČ]

[8] PUSKAR, Michal et al. *Reduction of the NOx emissions in vehicle diesel engine in order to fulfill*

future rules concerning emissions released into air In: *SCIENCE OF THE TOTAL ENVIRONMENT* vol.624, (2018) p.1421-1428 ISSN:0048-9697 eISSN:1879-1026 Doi:10.1016/j.scitotenv.2017.12.266 [WOS:000426355900141] [NEIMPORTOVANÉ V CREPČ]

[9] GHONEIM, Adel A. Performance optimization of evacuated tube collector for solar cooling of a house in hot climate In: *INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY* vol.37, no.2 (2018) p.193-208 ISSN:1478-6451 eISSN:1478-646X Doi:10.1080/14786451.2016.1256886 [WOS:000428736700006] [NEIMPORTOVANÉ V CREPČ]

[10] PUSKAR, Michal et al. System based on thermal control of the HCCI technology developed for reduction of the vehicle NOX emissions in order to fulfil the future standard Euro 7 In: *SCIENCE OF THE TOTAL ENVIRONMENT* vol.643, (2018) p.674-680 ISSN:0048-9697 eISSN:1879-1026 Doi:10.1016/j.scitotenv.2018.06.082 [WOS:000444625900062] [NEIMPORTOVANÉ V CREPČ]

[11] PUSKAR, Michal et al. Environmental study focused on the suitability of vehicle certifications using the new European driving cycle (NEDC) with regard to the affair "dieselpgate" and the risks of NOx emissions in urban destinations In: *AIR QUALITY ATMOSPHERE AND HEALTH* vol.12, no.2 (2019) p.251-257 ISSN:1873-9318 eISSN:1873-9326 Doi:10.1007/s11869-018-0646-5 [WOS:000458121600011] [NEIMPORTOVANÉ V CREPČ]

[12], LI, Mujun, PEI, Gang et al. Theoretical and experimental studies of impacts of heat shields on heat pipe evacuated tube solar collector In: *RENEWABLE ENERGY* vol.138, (2019) p.999-1009 ISSN:0960-1481 eISSN:1879-0682 Doi:10.1016/j.renene.2019.02.008 [WOS:000465051900090] [NEIMPORTOVANÉ V CREPČ]

[13] PUSKAR, Michal et al. Complex analysis focused on influence of biodiesel and its mixture on regulated and unregulated emissions of motor vehicles with the aim to protect air quality and environment In: *AIR QUALITY ATMOSPHERE AND HEALTH* vol.12, no.7 (2019) p.855-864 ISSN:1873-9318 eISSN:1873-9326 Doi:10.1007/s11869-019-00704-w [WOS:000473229700010] [NEIMPORTOVANÉ V CREPČ]

[14] VERMA, Sujit Kumar et al. A comprehensive analysis on advances in application of solar collectors considering design, process and working fluid parameters for solar to thermal conversion In: *SOLAR ENERGY* vol.208, (2020) p.1114-1150 ISSN:0038-092X Doi:10.1016/j.solener.2020.08.042 [WOS:000572906100005] [NEIMPORTOVANÉ V CREPČ]

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Ohlasy:

[1] TAUS, Peter et al. Optimization of energy consumption and cost effectiveness of modular buildings by using renewable energy sources In: *ACTA MONTANISTICA SLOVACA* vol.20, no.3 (2015) p.200-208 ISSN:1335-1788 [WOS:000368369700005] [NEIMPORTOVANÉ V CREPČ]

[2] SENOVA, A. et al. The evaluation process of production risks in the manufacturing plant In: *SGEM 2017 : 17th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, volume 17, issue 53 : Albena, 29 June-5 July, 2017 P. 919-926 ISBN: 978-619-7408-10-2*

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[4] BINDZAR, Peter et al. A Case Study: Simulation Traffic Model as a Tool to Assess One-Way vs. Two-Way Traffic on Urban Roads around the City Center In: *APPLIED SCIENCES-BASEL* vol.11, no.11 (2021) eISSN:2076-3417 Doi:10.3390/app11115018
[WOS:000659561200001] [NEIMPORTOVANÉ V CREPČ]

[5] SENOVA, Andrea et al. Numerical Analysis of Concentrated Solar Heaters for Segmented Heat Accumulators In: *ENERGIES* vol.14, no.14 (2021) eISSN:1996-1073 Doi:10.3390/en14144350
[WOS:000676881200001] [NEIMPORTOVANÉ V CREPČ]

ADC003 [171268] **Thermal power measurement of the novel evacuated tube solar collector and conventional solar collector during simultaneous operation** / Radim Rybár, Martin Beer, Michal Cehlár - 2016.In: *Measurement*. Vol. 88 (2016), p. 153-164. - ISSN 0263-2241 Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S026322411630032X>.
[RYBÁR, Radim (34%) - BEER, Martin (33%) - CEHLÁR, Michal (33%)]

Ohlasy:

[1] PUSKAR, Michal et al. Autonomous vehicle with internal combustion drive based on the homogeneous charge compression ignition technology In: *INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS* vol.14, no.5 (2017) ISSN:1729-8814
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[WOS:000413643400001] [NEIMPORTOVANÉ V CREPČ]

[2] KUANG, Ye Chow et al. Measured Quantity Value Estimator for Multiplicative Nonlinear Measurement Models In: *IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT* vol.66, no.4 (2017) p.715-722 ISSN:0018-9456 eISSN:1557-9662 Doi:10.1109/TIM.2017.2658000
[WOS:000396397900014] [NEIMPORTOVANÉ V CREPČ]

[3] PUSKAR, Michal et al. System based on thermal control of the HCCI technology developed for reduction of the vehicle NOx emissions in order to fulfil the future standard Euro 7 In: *SCIENCE OF THE TOTAL ENVIRONMENT* vol.643, (2018) p.674-680 ISSN:0048-9697 eISSN:1879-1026
Doi:10.1016/j.scitotenv.2018.06.082
[WOS:000444625900062] [NEIMPORTOVANÉ V CREPČ]

[4] PUSKAR, Michal et al. Reduction of the NOx emissions in vehicle diesel engine in order to fulfill future rules concerning emissions released into air In: *SCIENCE OF THE TOTAL ENVIRONMENT* vol.624, (2018) p.1421-1428 ISSN:0048-9697 eISSN:1879-1026 Doi:10.1016/j.scitotenv.2017.12.266
[WOS:000426355900141] [NEIMPORTOVANÉ V CREPČ]

[5] TYAGI, V. V. et al. Global advancement on experimental and thermal analysis of evacuated tube collector with and without heat pipe systems and possible applications In: *APPLIED ENERGY* vol.228, (2018) p.351-389 ISSN:0306-2619 eISSN:1872-9118 Doi:10.1016/j.apenergy.2018.06.067
[WOS:000447479400031] [NEIMPORTOVANÉ V CREPČ]

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[7] EVANGELISTI, Luca - VOLLARO, Roberto De Lieto - ASDRUBALI, Francesco Latest advances on solar thermal collectors: A comprehensive review In: *Renewable and Sustainable Energy Reviews* Vol. 114 (2019), art. no. 109318 ISSN: 1364-0321
[WOS:000488871200030]

[8] LOPEZ-NUNEZ, Oscar A. et al. Solar Radiation Model Applied to a Low Temperature Evacuated Tubes Solar Collector In: *Journal of Solar Energy Engineering-Transactions of the Asme* Vol. 141, no. 3 (2019), art. no. 031003 ISSN: 0199-6231

[WOS:000466113200005]

[9] ZHIRONKIN, Sergey et al. *Convergent and Nature-Like Technologies as the Basis for Sustainable Development in the 21st Century In: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM : Kemerovo vol.105, (2019) ISBN:***** ISSN:2267-1242 Doi:10.1051/e3sconf/201910503008*
[WOS:000505157000098] [NEIMPORTOVANÉ V CREPČ]

[10] DOTSENKO, Elena et al. *Zero Waste Technologies and Solution of Economic and Environmental Problems of Sustainable Development In: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM : Kemerovo vol.105, (2019) ISBN:***** ISSN:2267-1242 Doi:10.1051/e3sconf/201910502008*
[WOS:000505157000069] [NEIMPORTOVANÉ V CREPČ]

[11] CHISTYAKOVA, Galina et al. *International Practice of Environmental Challenges Regulation In: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM : Kemerovo vol.105, (2019) ISBN:***** ISSN:2267-1242 Doi:10.1051/e3sconf/201910502024*
[WOS:000505157000085] [NEIMPORTOVANÉ V CREPČ]

[12] PUSKAR, Michal et al. *Complex analysis focused on influence of biodiesel and its mixture on regulated and unregulated emissions of motor vehicles with the aim to protect air quality and environment In: AIR QUALITY ATMOSPHERE AND HEALTH vol.12, no.7 (2019) p.855-864 ISSN:1873-9318 eISSN:1873-9326 Doi:10.1007/s11869-019-00704-w*
[WOS:000473229700010] [NEIMPORTOVANÉ V CREPČ]

[13] CHO, Honghyun et al. *Experimental investigation on the heat transfer performance of evacuated tube solar collector using CuO nanofluid and water In: JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY vol.33, no.3 (2019) p.1477-1485 ISSN:1738-494X eISSN:1976-3824 Doi:10.1007/s12206-019-0249-6*
[WOS:000461301700048] [NEIMPORTOVANÉ V CREPČ]

[14] KHIADANI, Mehdi et al. *Strategies to improve the thermal performance of heat pipe solar collectors in solar systems: A review In: ENERGY CONVERSION AND MANAGEMENT vol.183, (2019) p.307-331 ISSN:0196-8904 eISSN:1879-2227 Doi:10.1016/j.enconman.2018.12.115*
[WOS:000459837600026] [NEIMPORTOVANÉ V CREPČ]

[15] PUSKAR, Michal et al. *Environmental study focused on the suitability of vehicle certifications using the new European driving cycle (NEDC) with regard to the affair "dieselgate" and the risks of NOx emissions in urban destinations In: AIR QUALITY ATMOSPHERE AND HEALTH vol.12, no.2 (2019) p.251-257 ISSN:1873-9318 eISSN:1873-9326 Doi:10.1007/s11869-018-0646-5*
[WOS:000458121600011] [NEIMPORTOVANÉ V CREPČ]

[16] MOLDOVAN, Macedon - VISA, Ion - BURDUHOS, Bogdan Gabriel *Experimental Comparison of Flat Plate and Evacuated Tube Solar Thermal Collectors for Domestic Hot Water Preparation in Education Facilities In: Journal of Sustainable Development of Energy Water and Environment Systems-Jsdewes Vol. 8, no. 2 (2020), p. 293-303 ISSN: 1848-9257*
[WOS:000519565900005]

[17] PUSKAR, Michal et al. *Influence of biofuels on production of gaseous emission from diesel engine with regard to air quality In: Air Quality Atmosphere and Health Vol. 13, no. 6 (2020), p. 763-772 ISSN: 1873-9318*
[WOS:000531116400001]

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[WOS:000539274600031]

ADC004 [198141] **Renewable energy sources as an attractive element of industrial tourism /** Martin Beer, Radim Rybár, Michal Kaňavský - 2018. In: *Current Issues in Tourism. - Abingdon (Veľká Británia) : Taylor & Francis Group Roč. 21, č. 18 (2018), s. 2147-2159 [print]. - ISSN 1368-3500*

[BEER, Martin (50%) - RYBÁR, Radim (49%) - KAĽAVSKÝ, Michal (1%)]

Ohlasy:

[1] KUREK, Katarzyna A. et al. *Geothermal spas as a local development factor, the case of Poland* In: *GEO THERMICS* vol.85, (2020) ISSN:0375-6505 eISSN:1879-3576

Doi:10.1016/j.geothermics.2019.101777

[WOS:000527988300007] [NEIMPORTOVANÉ V CREPČ]

[2] MASSERAN, Nurulkamal et al. *Rural Public Acceptance of Wind and Solar Energy: A Case Study from Mersing, Malaysia* In: *ENERGIES* vol.13, no.15 (2020) eISSN:1996-1073

Doi:10.3390/en13153855

[WOS:000559107300001] [NEIMPORTOVANÉ V CREPČ]

[3] BALSALOBRE-LORENTE, Daniel et al. *The role of tourism, trade, renewable energy use and carbon dioxide emissions on economic growth: evidence of tourism-led growth hypothesis in EU-28* In: *ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH* vol.27, no.36 (2020) p.45883-45896

ISSN:0944-1344 eISSN:1614-7499 Doi:10.1007/s11356-020-10375-1

[WOS:000560287400006] [NEIMPORTOVANÉ V CREPČ]

[4] ZAMAN, Khalid et al. *The mediating role of ICTs in the relationship between international tourism and environmental degradation: fit as a fiddle* In: *ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH* (2020) ISSN:0944-1344 eISSN:1614-7499 Doi:10.1007/s11356-020-10954-2

[WOS:000589022300001] [NEIMPORTOVANÉ V CREPČ]

[5] KRABOKOUKIS, Thomas et al. *An Investigation of Factors Determining the Tourism Attractiveness of Greece's Prefectures* In: *JOURNAL OF THE KNOWLEDGE ECONOMY* (2020) ISSN:1868-7865

eISSN:1868-7873 Doi:10.1007/s13132-020-00704-7

[WOS:000589494200001] [NEIMPORTOVANÉ V CREPČ]

[6] TEPLICKA, Katarina et al. *Economic Life Cycle of Biomass Equipment and its Renovation* In: *TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS* vol.9, no.4 (2020) p.1419-1425

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[7] ULIGANETS, Serhii et al. *Chornobyl Phenomenon: Catastrophe, Experimental Area vs Curiosity Object* In: *JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY* vol.29, no.4 (2020) p.701-709

ISSN:2617-2909 eISSN:2617-2119 Doi:10.15421/112063

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[8] BUDIARTO, R. et al. *Solar Energy Potential Mapping around Yogyakarta Palace As an Effort in Integrating Renewable Energy into Cultural Based Economic Development* In: *2ND INTERNATIONAL CONFERENCE ON GREEN ENERGY AND ENVIRONMENT (ICOGEE 2020)* vol.599, (2020)

ISBN:***** ISSN:1755-1307 Doi:10.1088/1755-1315/599/1/012022

[WOS:000657253200022] [NEIMPORTOVANÉ V CREPČ]

[9] GALEAZZO, Ambra et al. *Green procurement and financial performance in the tourism industry: the moderating role of tourists' green purchasing behaviour* In: *CURRENT ISSUES IN TOURISM*

vol.24, no.5 (2021) p.700-716 ISSN:1368-3500 eISSN:1747-7603

Doi:10.1080/13683500.2020.1734546

[WOS:000524012700001] [NEIMPORTOVANÉ V CREPČ]

[10] TRISIC, Igor et al. *Perspectives on Sustainable Tourism Development in the Hotel Industry-A Case Study from Southern Europe* In: *SUSTAINABILITY* vol.13, no.10 (2021) eISSN:2071-1050

Doi:10.3390/su13105563

[WOS:000662532000001] [NEIMPORTOVANÉ V CREPČ]

ADC005 [198823] **Experimental heat transfer analysis of open cell hollow ligament metal foam at low Reynolds number** / Martin Beer, Radim Rybár, Michal Kaľavský - 2019.In: *Measurement* :

journal of the International Measurement Confederation. - London (Veľká Británia) : Institute of Measurement and Control č. 133 (2019), s. 214-221 [print]. - ISSN 0263-2241 Spôsob prístupu:

<https://www.sciencedirect.com/science/article/pii/S0263224118309473>.

[BEER, Martin (49%) - RYBÁR, Radim (49%) - KAĽAVSKÝ, Michal (2%)]

Ohlasy:

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ADF001 [120349] **Solárne krytie potreby tepla na prípravu teplej vody v domácnosti na Slovensku** / Zuzana Fiedorová, Martin Beer, Radim Rybár - 2012.In: TechCon. Roč. 8, č. 1 (2012), s. 24-27. - ISSN 1337-3013

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ADF002 [143178] **Exploitation aspects of Solablock collector as a means of using renewable energy sources in the context of a possible development in the sector of tourism** / Ján Pagáčik ... [et al.] - 2013.In: Acta Geoturistica. Roč. 4, č. 1 (2013), s. 48-52. - ISSN 1338-2292 Spôsob prístupu: http://geotur.tuke.sk/pdf/2013/nspecial/10_Pagacik_v4_s1.pdf.

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ADF003 [164255] **Využitie modelovacieho aparátu LZZZ pre návrh MVE II** / Jana Rybárová, Radim Rybár, Martin Beer - 2015.In: TechCON. Roč. 11, č. 2 (2015), s. 28-30. - ISSN 1337-3013

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ADM001 [136386] **Analysis of Suitability for Development of New Mining Field in Northern Part of Kosovo Lignite Basin-Sibovc** / Michal Cehlár ... [et al.] - 2013.In: Archives of Mining Sciences. Vol. 58, no. 2 (2013), p. 557-568. - ISSN 0860-7001 Spôsob prístupu: <http://mining.archives.pl>.

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[3] KOSCO, Jan et al. *Geothermal energy - one of the resources of tourism expansion in Slovakia* In: *Acta Montanistica Slovaca* Roč. 21, č. 3 (2016), s. 171-179 ISSN: 1335-1788

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AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách(1)

AFB001 [116006] **Posúdenie možnosti uplatnenia štruktúr na báze kovových pien v konštrukcii absorbéra solárneho kolektora** / Radim Rybár ... [et al.] - 2011. In: *ALER 2011 : Alternatívne zdroje energie : 7. ročník vedecko-odbornej konferencie s medzinárodnou účasťou : Liptovský Ján, 6. - 7. októbra 2011. - Žilina : EDIS, 2011 S. 18-25. - ISBN 978-80-554-0427-1*
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AFB - Publikované pozvané príspevky na domácich vedeckých konferenciách(1)

AFB002 [154264] **Vybrané výsledky vývojovej činnosti COZE fakulty BERG TU v Košiciach** / Radim Rybár, Jana Horodníková, Martin Beer - 2014. In: *Aler 2014 : Alternatívne zdroje energie : 10. ročník vedecko-odbornej konferencie s medzinárodnou účasťou : Liptovský Ján, 1.- 3. októbra 2014. - Liptovský Mikuláš : ŽU v Žiline, 2014 S. 1-7. - ISBN 978-80-89456-18-5*
[RYBÁR, Radim (34%) - RYBÁROVÁ, Jana (33%) - BEER, Martin (33%)]

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AFC001 [136821] **Role of metal foam in solar heat technology** / Radim Rybár, Martin Beer - 2013. In: *SGEM 2013 : 13th International Multidisciplinary Scientific Geoconference : Energy and clean technologies : conference proceedings : 16-22 June, 2013, Albena, Bulgaria. - Albena : STEF92 Technology Ltd, 2013 P. 219-226. - ISBN 978-619-7105-03-2*

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AFC002 [142423] **Design of parallel manifold header with metal foam heat chamber for vacuum tube solar collector** / Martin Beer, Radim Rybár - 2013.In: MMK 2013 : mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky : sborník příspěvků z mezinárodní vědecké konference : ročník 4 : 9.-13. prosince 2013, Hradec Králové. - Hradec Králové : Magnanimitas, 2013 P. 3585-3591. - ISBN 978-80-87952-00-9 [BEER, Martin (50%) - RYBÁR, Radim (50%)]

AFC003 [156966] **The Modular Construction Of Non-Metallic Medium Temperature Concept Solar Collector Solablok** / Radim Rybár, Štefan Kuzevič, Martin Beer - 2014.In: SGEM 2014 : 14th international multidisciplinary scientific geoconference : GeoConference on Energy and Clean Technologies : conference proceedings : volume 1 : 17-26, June, 2014, Albena, Bulgaria. - Sofia : STEF92 Technology Ltd., 2014 P. 569-574. - ISBN 978-619-7105-15-5 [RYBÁR, Radim (34%) - KUZEVIČ, Štefan (33%) - BEER, Martin (33%)]

AFC004 [163039] **Analysis of raw material - energetical situation in Afghanistan** / Radim Rybár, Martin Beer, Dušan Kudelas - 2015.In: SGEM 2015. - Sofia : STEF92 Technology Ltd., 2015 P. 57-62. - ISBN 978-619-7105-41-4 - ISSN 1314-2704 [RYBÁR, Radim (34%) - BEER, Martin (33%) - KUDELAS, Dušan (33%)]

AFC005 [176076] **Comparison of essential efficiency characteristics of selected vacuum tube solar collectors** / Radim Rybár, Martin Beer, Dušan Kudelas - 2016.In: SGEM 2016. - Sofia : STEF92 Technology Ltd., 2016 P. 229-236. - ISBN 978-619-7105-63-6 - ISSN 1314-2704 Spôsob prístupu: http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=26&SID=4AQhquJuWHtLow6Ninw&page=3&doc=29. [RYBÁR, Radim (34%) - BEER, Martin (33%) - KUDELAS, Dušan (33%)]

AFC006 [188000] **CFD study of selected fluid and thermal characteristic in open-cell metal foam element for solar thermal applications** / Martin Beer ... [et al.] - 2017.In: SGEM 2017. - Sofia : STEF92 Technology Ltd., 2017 P. 119-125. - ISBN 978-619-7408-07-2 [BEER, Martin (20%) - RYBÁR, Radim (20%) - KOŠČO, Ján (20%) - TAUŠ, Peter (20%) - KUDELAS, Dušan (20%)]

AFC007 [200556] **Forecast trends and new possibilities of using some of selected earth resources** / Ján Koščo ... [et al.] - 2017.In: SGEM 2017. 13. Science and Technologies in Ecology, Exploration and Mining : Exploration and Mining : International Multidisciplinary Scientific Geoconference. - Sofia (Bulharsko) : STEF92 Technology s. 343-350 [CD-ROM]. - ISBN 978-619-7105-00-1 [KOŠČO, Ján (20%) - TAUŠ, Peter (20%) - BEER, Martin (20%) - RYBÁR, Radim (20%) - KUDELAS, Dušan (20%)]

Ohlasy:

[1] ČULKOVÁ, Katarína - ROŠOVÁ, Andrea - ŠIMKOVÁ, Zuzana *Use of Cost Information for Mining Model Creation in Education of Mineral Processing* In: *Vysokoškolské vzdelávanie v modernej spoločnosti: vedecký medzinárodný recenzovaný zborník* S. 30-37 ISBN: 978-80-553-3517-9

AFC008 [198290] **Vývoj tepelnej akumuláčnej jednotky založenej na heterogénnej štruktúre MFPCM pre kogeneračné jednotky** / Michal Kaľavský, Radim Rybár, Martin Beer - 2018.In: 39. Nekonenční zdroje elektrické energie. - [s.l.] (Česko) : Česká elektrotechnická společnost s. 51-58 [print]. - ISBN 978-80-02-02786-7 [KALAVSKÝ, Michal (10%) - RYBÁR, Radim (45%) - BEER, Martin (45%)]

AFC009 [214882] **Application potential analysis of heat accumulator for mining mechanisms** /

Radim Rybár, Martin Beer - 2019. In: The First Interregional Conference "Sustainable Development of Eurasian Mining Regions. - London (Veľká Británia) : Édition Diffusion Presse Sciences, 2019 s. 1-10 [online]. Spôsob prístupu: https://www.e3s-conferences.org/articles/e3sconf/abs/2019/60/e3sconf_sdemr18_01021/e3sconf_sdemr18_01021.html.

[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AFD - Publikované príspevky na domácich vedeckých konferenciách(5)

AFD001 [94303] **Prúdenie kvapaliny v štruktúre penového kovu využiteľného pre účely tepelnej techniky** / Patrícia Chudíková, Radim Rybár, Martin Beer - 2009. - 1 elektronický optický disk (CD-ROM). In: Vedecký seminár doktorandov 2009 : 2. november 2009, Herľany. - Košice : TU, 2009 S. 1-7. - ISBN 978-80-553-0310-9

[CHUDÍKOVÁ, Patrícia (34%) - RYBÁR, Radim (33%) - BEER, Martin (33%)]

AFD002 [121606] **Popis prúdenia teplotného média telesom solárneho kolektora koncepcie Solablock využitím nástrojov 3D modelovania vo vzťahu k zvládaniu silových účinkov na konštrukčné časti kolektora** / Radim Rybár ... [et al.] - 2012. - 1 elektronický optický disk (CD-ROM). In: RESpect 2012 : zborník príspevkov : 7. ročník medzinárodnej vedeckej konferencie : 28. - 30.3.2012, Poráčska dolina. - Košice : TU, 2012 S. 51-58. - ISBN 978-80-553-0928-6

[RYBÁR, Radim (45%) - PERUNKO, Slavomír (5%) - BEER, Martin (5%) - RYBÁROVÁ, Jana (45%)]

AFD003 [121607] **Penové kovy a možnosť ich využitia v solárnej technike** / Martin Beer ... [et al.] - 2012. - 1 elektronický optický disk (CD-ROM). In: RESpekt 2012 : 7. ročník medzinárodnej vedeckej konferencie : 28. - 30. marec 2012, Poráčska dolina. - Košice : TU, F BERG, 2012 S. 159-168. - ISBN 978-80-553-0928-6

[BEER, Martin (25%) - RYBÁR, Radim (25%) - RYBÁROVÁ, Jana (25%) - KUDELAS, Dušan (25%)]

AFD004 [127980] **Vývoj solárnych zariadení na báze penových kovov** / Martin Beer - 2012. In: Vedecký seminár doktorandov 2012 : Ekonomika zemských zdrojov a Využívanie a ochrana zemských zdrojov : 26.10.2012, Košice. - Košice : TU, 2012 S. 1-8. - ISBN 978-80-553-1210-1

[BEER, Martin (100%)]

AFD005 [128677] **Vývoj komponentov solárnych zariadení na báze penových štruktúr** / Radim Rybár ... [et al.] - 2012. In: Aler 2012 : Alternatívne zdroje energie : 8. ročník vedecko-odbornej konferencie s medzinárodnou účasťou : Liptovský Ján, 3. - 5. október 2012. - Liptovský Mikuláš : SES, 2012 S. 1-6. - ISBN 978-80-89456-08-6

[RYBÁR, Radim (45%) - RYBÁROVÁ, Jana (45%) - KUDELAS, Dušan (5%) - BEER, Martin (5%)]

AFD - Publikované príspevky na domácich vedeckých konferenciách(10)

AFD006 [132782] **Fluidné a energetické pomery v matrici kovovej peny** / Radim Rybár, Martin Beer - 2013. In: RESpect 2013 : 8. ročník medzinárodnej vedeckej konferencie : 26. - 28. marec 2013, Poráčska dolina. - Košice : TU, 2013 S. 157-163. - ISBN 978-80-553-1405-1

[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AFD007 [134046] **Conceptual proposal of parallel flow manifold header for vacuum tube solar collectors** / R. Rybár, M. Beer - 2013. In: Renewable energy sources 2013 : proceedings of the 4th international scientific conference OZE 2013 : Tatranské Matliare, Slovakia, May 21-23, 2013. - Bratislava : ÚEAE FEI STU, 2013 S. 461-466. - ISBN 978-80-89402-64-9

[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AFD008 [139436] **Metal foam in use as heat exchange chamber of parallel flow manifold header for vacuum tube solar collector** / Radim Rybár, Martin Beer, Jana Horodníková - 2013. In: Elektroenergetika 2013 : proceedings of the 7th International Scientific Symposium on Electrical Power Engineering : September 18-20, 2013, Stará Lesná, Slovak Republic. - Košice : TU, FEI, 2013 S. 233-235. - ISBN 978-80-553-1441-9

[RYBÁR, Radim (34%) - BEER, Martin (33%) - RYBÁROVÁ, Jana (33%)]

Ohlasy:

[1] KOSCOVA, Maria et al. MODELLING OF AIR POLLUTION BY EMISSIONS OF HEAVY METALS

PRODUCED FROM UNCONTROLLED WASTE COMBUSTION IN SMALL HOUSE BOILERS In: GEOCONFERENCE ON ENERGY AND CLEAN TECHNOLOGIES, VOL II : Albena (2014) p.445-451 ISBN:978-619-7105-16-2 ISSN:1314-2704 [WOS:000371090000058] [NEIMPORTOVANÉ V CREPČ]

AFD009 [141457] **Návrh prototypu zberača s paralelným prietokom s prihladením na priemyselnú výrobu** / Martin Beer, Radim Rybár - 2013.In: Vedecký seminár doktorandov 2013 : 25. október 2013, Košice. - Košice : TU, 2013 S. 12-16. - ISBN 978-80-553-1526-3 [BEER, Martin (50%) - RYBÁR, Radim (50%)]

AFD010 [141944] **Vývoj výmenníka solárneho vákuového trubicového kolektora na báze penových kovov - experimentálna fáza** / Radim Rybár, Martin Beer, Ján Pagáčik - 2013.In: ALER 2013 : Alternatívne zdroje energie : 9. ročník vedecko-odbornej konferencie s medzinárodnou účasťou : Liptovský Ján, 2. - 4. októbra 2013. - Liptovský Mikuláš : SES, 2013 S. 1-6. - ISBN 978-80-89456-15-4 [RYBÁR, Radim (34%) - BEER, Martin (33%) - PAGÁČIK, Ján (33%)]

AFD011 [153845] **Example of creating time-lapse videoclips for education in obtaining earth resources** / R. Rybár ... [et al.] - 2014.In: ICETA 2014 : 12th IEEE International Conference on Emerging eLearning Technologies and Applications : proceedings : December 4-5, 2014, Starý Smokovec. - Danvers : IEEE, 2014 S. 425-430. - ISBN 978-1-4799-7738-3 [RYBÁR, Radim (33%) - BEER, Martin (33%) - RYBÁROVÁ, Jana (33%) - PAGÁČIK, Ján (1%)]

AFD012 [187999] **Selected results of research and development process of metal foam structure for energy use** / Martin Beer, Radim Rybár, Michal Kaľavský - 2017.In: RESpect 2017. - Košice : TU, 2017 S. 5-10. - ISBN 978-80-553-3147-8 [BEER, Martin (45%) - RYBÁR, Radim (45%) - KAĽAVSKÝ, Michal (10%)]

AFD013 [188012] **Analýza geometrických charakteristík kovovej peny pre vývoj akumuláčného prvku na báze PCM** / Michal Kaľavský, Radim Rybár, Martin Beer - 2017.In: ALER 2017. - Liptovský Mikuláš : SES, 2017 S. 60-68. - ISBN 978-80-89456-30-7 [KAĽAVSKÝ, Michal (34%) - RYBÁR, Radim (33%) - BEER, Martin (33%)]

AFD014 [198304] **Využitie heterogénnej štruktúry PCMMF pre akumuláciu tepelnej energie v oblasti OZE** / Michal Kaľavský, Radim Rybár, Martin Beer - 2018.In: RESpect 2018 : Zborník z medzinárodnej vedeckej konferencie. - Košice (Slovensko) : Technická univerzita v Košiciach s. 51-62 [print]. - ISBN 9788055329758 [KAĽAVSKÝ, Michal (10%) - RYBÁR, Radim (45%) - BEER, Martin (45%)]

AFD015 [209440] **Príklad posúdenia prevádzky vykurovacieho systému s tepelným čerpadlom v modelovom prostredí LIKCUBE pre edukačné účely** / Radim Rybár ... [et al.] - 2019.In: RESpect 2019 : zborník medzinárodnej vedeckej konferencie. - Košice (Slovensko) : Technická univerzita v Košiciach, 2019 s. 51-57 [print]. - ISBN 978-80-553-3308-3 [RYBÁR, Radim (33%) - BEER, Martin (33%) - RYBÁROVÁ, Jana (33%) - RAČEK, Tomáš (1%)]

AFL - Postery z domácich konferencií(1)

AFL001 [116688] **Analýza prúdenia kvapaliny v penových kovových štruktúrach pre účely návrhu absorbéra solárneho kolektora** / Martin Beer - 2011. - 1 elektronický optický disk (CD-ROM).In: Vedecký seminár doktorandov 2011 : 28. októbra 2011, Košice. - Košice : TU, 2011 S. 1-1. - ISBN 978-80-553-0789-3 [BEER, Martin (100%)]

AGJ - Autorské osvedčenia, patenty, objavy(1)

AGJ001 [129279] **Zberač s paralelným prietokom** úžitkový vzor č. 6323/ Radim Rybár ... [et al.] - Banská Bystrica : ÚPV SR - 2012. - 9 s.. [RYBÁR, Radim (40%) - RYBÁROVÁ, Jana (20%) - KUDELAS, Dušan (20%) - BEER, Martin (20%)]

AGJ - Autorské osvedčenia, patenty, objavy(47)

AGJ002 [137266] **Prietokový profil s vtláčeným vymedzením** úžitkový vzor č. 6439 : Vestník ÚPV SR 62013/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2013. - 5 s. [online]. Spôsob prístupu: http://registre.indprop.gov.sk/registre/detail/popup.do?register=uv&puv_id=131011492. [RYBÁR, Radim (60%) - RYBÁROVÁ, Jana (20%) - BEER, Martin (20%)]

AGJ003 [137270] **Solárny kolektor s autoochrannou funkciou** úžitkový vzor č. 6416 : Vestník ÚPV SR 112013/ Radim Rybár ... [et al.] - Banská Bystrica : ÚPV SR - 2013. - 10 s.. [RYBÁR, Radim (40%) - PERUNKO, Slavomír (20%) - RYBÁROVÁ, Jana (20%) - BEER, Martin (20%)]

AGJ004 [143945] **Tepelnoizolačná báza solárneho kolektora s autoochrannou funkciou** úžitkový vzor č. 186-2013 : Vestník ÚPV SR 72013/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2013. - 1-9 s.. Spôsob prístupu: http://registre.indprop.gov.sk/registre/detail/popup.do;jsessionid=F3985E860CE9DDDE9B043242CEBAAE0B?register=uv&puv_id=318946. [RYBÁR, Radim (34%) - RYBÁROVÁ, Jana (33%) - BEER, Martin (33%)]

AGJ005 [153718] **Vnútorne konfigurovaný priestorový objekt s penovou štruktúrou** zverejnená prihláška úžitkového vzoru č. 187-2013 : Vestník ÚPV SR č. 22014/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2014. - 1-8 s.. Spôsob prístupu: <http://registre.indprop.gov.sk/registre/pdf/puv/2013/20130187.pdf>. [RYBÁR, Radim (50%) - RYBÁROVÁ, Jana (25%) - BEER, Martin (25%)]

AGJ006 [153719] **Trapézový zberač s paralelným prietokom** zverejnený úžitkový vzor č. 41-214/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2014. - 1-8 s.. Spôsob prístupu: http://registre.indprop.gov.sk/registre/detail/popup.do?register=uv&puv_id=630995. [RYBÁR, Radim (50%) - RYBÁROVÁ, Jana (25%) - BEER, Martin (25%)]

AGJ007 [156956] **Dendriticky konfigurovaný objekt s penovou štruktúrou** Zverejnená prihláška úžitkového vzoru č. PUV 122-2014/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2014. - 1 s.. [RYBÁR, Radim (50%) - RYBÁROVÁ, Jana (25%) - BEER, Martin (25%)]

AGJ008 [156958] **Solárny kolektor s konveržno-izolačným blokom** zverejnená prihláška úžitkového vzoru č. PUV 123-2014/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2014. - 15 s.. [RYBÁR, Radim (50%) - RYBÁROVÁ, Jana (25%) - BEER, Martin (25%)]

AGJ009 [168262] **Solárny kolektor s konveržno-izolačným blokom** úžitkový vzor : SK 7179 Y1/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2015. - 10 s.. [RYBÁR, Radim (34%) - HORODNÍKOVÁ, Jana (33%) - BEER, Martin (33%)]

AGJ010 [168265] **Dendriticky konfigurovaný objekt s penovou štruktúrou** úžitkový vzor SK 7226 Y1/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2015. - 8 s.. [RYBÁR, Radim (34%) - HORODNÍKOVÁ, Jana (33%) - BEER, Martin (33%)]

AGJ011 [168266] **Trapézový zberač s paralelným prietokom** úžitkový vzor SK 7002 Y1/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2015. - 5 s.. [RYBÁR, Radim (34%) - HORODNÍKOVÁ, Jana (33%) - BEER, Martin (33%)]

AGJ012 [176067] **Diagonálna penová doska výmenníka tepla s pomocným rozdeľovačom - zberačom** dizajn č. 28297/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu: http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869822. [RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ013 [176068] **Penová doska výmenníka tepla s odsadeným rozdeľovačom - zberačom** dizajn č. 28298/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu: http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869826. [RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ014 [176069] **Diagonálna penová doska výmenníka tepla** dizajn č. 28299/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu:
http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869857.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ015 [176071] **Dvojosovo tvarovaná penová doska výmenníka tepla** dizajn č. 28300/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu:
http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869861.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ016 [176072] **Jednoosovo tvarovaná penová doska výmenníka tepla** dizajn č. 28301/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu:
http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869870.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ017 [176073] **Penová doska výmenníka tepla** dizajn č. 28302/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu:
http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869873.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ018 [176074] **Dvojosovo tvarovaná symetrická penová doska výmenníka tepla** dizajn č. 28303/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 1 s.. Spôsob prístupu:
http://registre.indprop.gov.sk/registre/detail/popup.do?register=vz&puv_id=869875.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ019 [179461] **Dendriticky konfigurovaný objekt s penovou štruktúrou** Zverejnená patentová prihláška č. 61-2014 : Vestník ÚPV SR č. 042016/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : ÚPV SR - 2016. - 10 s..
[RYBÁR, Radim (34%) - HORODNÍKOVÁ, Jana (33%) - BEER, Martin (33%)]

AGJ020 [188066] **Dendriticky konfigurovaný objekt s penovou štruktúrou** Patentový spis č. 288496 : Vestník ÚPV SR č.: 042016/ Radim Rybár, Jana Horodníková, Martin Beer - Banská Bystrica : Úrad priemyselného vlastníctva SR - 2017. - 8 s..
[RYBÁR, Radim (45%) - HORODNÍKOVÁ, Jana (10%) - BEER, Martin (45%)]

AGJ021 [198142] **Nepriamo ovládaný kuželový ventil** dizajn č. 28504/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 3 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/87-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ022 [198143] **Hydraulicky optimalizovaný ventil s nepriamym ovládaním s lamelovou clonou** dizajn č. 28494/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 3 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/88-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ023 [198144] **Dvojstupňovo hydraulicky optimalizovaný ventil s nepriamym ovládaním s D clonou** dizajn č. 28486/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 3 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/89-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ024 [198145] **Hydraulicky optimalizovaný ventil s nepriamym ovládaním s D clonou** dizajn č. 28505/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 3 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/90-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ025 [198146] **Skladaný samozverný západkový vidlicový kľúč** dizajn č. 28550/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 1 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/46-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ026 [198147] **Samozverný západkový vidlicový kľúč** dizajn č. 28551/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 1 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/47-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ027 [198148] **Nepriamo ovládaný kuželový ventil** úžitkový vzor 8125/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2018. - 9 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/169-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ028 [198149] **Ventil s nepriamym ovládaním** úžitkový vzor č. 8123/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 7 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/170-2017>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ029 [209444] **Guľové uzatváracie členy komplementárneho ventilového spoja** zapísaný dizajn č. 28582/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2018. - 2 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/77-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ030 [209445] **Prechodný tesniaci prvok komplementárneho ventilového spoja** zapísaný dizajn č. 28591/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2018. - 2 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/74-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ031 [209446] **Výmenník PCM akumulátora tepla pre spaľovací motor** zapísaný dizajn č. 28589/ Radim Rybár, Martin Beer - Banská Bystrica : [s.n.] - 2018. - 1 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/66-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ032 [209448] **Kazeta PCM akumulátora tepla pre spaľovací motor** zapísaný dizajn č. 28592/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2018. - 1 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/65-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ033 [209450] **Akumulátor tepla pre spaľovací motor** zapísaný úžitkový vzor č. 8387/ Radim Rybár, Martin Beer, Michal Kaľavský - Banská Bystrica : ÚPV SR - 2018. - 7 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/50068-2018>.
[RYBÁR, Radim (34%) - BEER, Martin (33%) - KAĽAVSKÝ, Michal (33%)]

AGJ034 [209451] **Samosvorný západkový vidlicový kľúč** zapísaný úžitkový vzor č. 8347/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2018. - 10 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/50048-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ035 [209442] **Artikulovalý zberač na paralelné pripojenie** zapísaný dizajn č. 28645/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : ÚPV SR - 2019. - 2 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/23-2019>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ036 [209443] **Artikulovalý zberač na sériové pripojenie** zapísaný dizajn č. 28646/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : ÚPV SR - 2019. - 2 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/22-2019>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ037 [209449] **Komplementárny ventilový spoj s prechodným tesniacim prvkom** zapísaný úžitkový vzor č. 8477/ Radim Rybár, Martin Beer - Banská Bystrica : ÚPV SR - 2019. - 12 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/50075-2018>.
[RYBÁR, Radim (50%) - BEER, Martin (50%)]

AGJ038 [214257] **Artikulovalý paralelný zberač** Úžitkový vzor/ Radim Rybár, Martin Beer, Jana

Rybárová - Banská Bystrica : [s.n.] - 2019. - 7 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/50022-2019>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ039 [219067] **Indikačná tyčinka** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : ÚPV SR - 2020. - 2 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/7-2020>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ040 [219068] **Kontajner viacúrovňového hierarchicky konfigurovaného boxu** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : ÚPV SR - 2020. - 2 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/10-2020>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ041 [223056] **Segmentový akumulátor tepla** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2020. - 2 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/99-2020>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ042 [224098] **Viacúrovňový hierarchicky konfigurovaný box** úžitkový vzor/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2020. - 8 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/50012-2020>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ043 [224102] **Kazeta do viacúrovňového hierarchicky konfigurovaného boxu** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2020. - 2 s.. Spôsob prístupu:
<https://wbr.indprop.gov.sk/WebRegistre/Dizajn/Detail/54-2020>.
[RYBÁR, Radim (49%) - BEER, Martin (49%) - RYBÁROVÁ, Jana (2%)]

AGJ044 [224127] **Edukačný súbor** Úžitkový vzor/ Radim Rybár ... [et al.] - Banská Bystrica : [s.n.] - 2020. - 6 s..
[RYBÁR, Radim (48%) - BEER, Martin (48%) - TAKÁČ, Michal (34%)]

AGJ045 [300553] **Koncentrátorový solárny ohrievač segmentových akumulátorov tepla** Úžitkový vzor/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2020. - 8 s..
[RYBÁR, Radim (35%) - BEER, Martin (35%) - RYBÁROVÁ, Jana (30%)]

AGJ046 [300555] **Modifikovaný segmentový akumulátor tepla** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2021. - 1 s..
[RYBÁR, Radim (35%) - BEER, Martin (35%) - RYBÁROVÁ, Jana (30%)]

AGJ047 [300556] **Manipulátor segmentových akumulátorov tepla** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2021. - 2 s..
[RYBÁR, Radim (35%) - BEER, Martin (35%) - RYBÁROVÁ, Jana (30%)]

AGJ048 [300557] **Manipulačná tyč** Dizajn/ Radim Rybár, Martin Beer, Jana Rybárová - Banská Bystrica : [s.n.] - 2021. - 1 s..
[RYBÁR, Radim (35%) - BEER, Martin (35%) - RYBÁROVÁ, Jana (30%)]

BDF - Odborné práce v domácich nekarentovaných časopisoch(1)

BDF001 [171611] **Inovatívne riešenia využívania obnoviteľných zdrojov v pedagogickom procese fakulty BERG** / Peter Tauš ... [et al.] - 2016.In: TechCON. Roč. 12, č. 1 (2016), s. 20-23. - ISSN 1337-3013 Spôsob prístupu: <http://www.techcon.sk/casopis.html>.
[TAUŠ, Peter (50%) - ŠLOSÁR, Daniel (10%) - BEER, Martin (10%) - JEŇO, Matúš (10%) - KUDELAS, Dušan (10%) - HARDA, Peter (10%)]

GAI - Výskumné štúdie a priebežné správy(1)

GAI001 [203326] **Štúdium energetických a fluidných procesov v priestorovo konfigurovaných penových štruktúrach pre využitie v oblasti získavania zemských zdrojov** záverečná správa za

celé obdobie riešenia projektu/ Radim Rybár ... [et al.] - 1. vyd. - Košice : Vedecká grantová agentúra MŠVVaŠ SR a SAV - 2019. - 14 s. [print].
[RYBÁR, Radim (20%) - KUDELAS, Dušan (20%) - BEER, Martin (20%) - RYBÁROVÁ, Jana (20%) - PAGÁČIK, Ján (10%) - KALAVSKÝ, Michal (10%)]

PREHĽAD CITAČNÝCH OHLASOV AUTORA Z DATABÁZY WEB OF SCIENCE (vypis citácií z databázy WoS s vylúčením samocitácií autora a spoluautorov)

1. Citovaná publikácia:

Title: Thermal power measurement of the novel evacuated tube solar collector and conventional solar collector during simultaneous operation

Author(s): Rybar, R (Rybar, Radim); Beer, M (Beer, Martin); Cehlar, M (Cehlar, Michal)

Source: MEASUREMENT **Volume:** 88 **Pages:** 153-164 **DOI:**
10.1016/j.measurement.2016.03.054 **Published:** JUN 2016

ISSN: 0263-2241

eISSN: 1873-412X

Ohlasy (18):

Record 1 of 18

Title: Experimental Comparison of Flat Plate and Evacuated Tube Solar Thermal Collectors for Domestic Hot Water Preparation in Education Facilities

Author(s): Moldovan, M (Moldovan, Macedon); Visa, I (Visa, Ion); Burduhos, BG (Burduhos, Bogdan Gabriel)

Source: JOURNAL OF SUSTAINABLE DEVELOPMENT OF ENERGY WATER AND ENVIRONMENT SYSTEMS-JSDEWES **Volume:** 8 **Issue:** 2 **Pages:** 293-303 **DOI:**
10.13044/j.sdewes.d7.0285 **Published:** JUN 2020

ISSN: 1848-9257

Record 2 of 18

Title: Influence of biofuels on production of gaseous emission from diesel engine with regard to air quality

Author(s): Puskar, M (Puskar, Michal); Markovic, J (Markovic, Jaromir); Kral, S (Kral, Stefan); Virgala, I (Virgala, Ivan); Kopas, M (Kopas, Melichar); Jancosek, M (Jancosek, Mario)

Source: AIR QUALITY ATMOSPHERE AND HEALTH **Volume:** 13 **Issue:** 6 **Pages:** 763-772 **DOI:** 10.1007/s11869-020-00834-6 **Early Access Date:** MAY 2020 **Published:** JUN 2020

ISSN: 1873-9318

eISSN: 1873-9326

Record 3 of 18

Title: Reduction of the Gaseous Emissions in the Marine Diesel Engine Using Biodiesel Mixtures

Author(s): Puskar, M (Puskar, Michal); Kopas, M (Kopas, Melichar); Sabadka, D (Sabadka, Dusan); Kliment, M (Kliment, Marek); Soltsova, M (Soltsova, Marieta)

Source: JOURNAL OF MARINE SCIENCE AND ENGINEERING **Volume:** 8 **Issue:** 5 **Article Number:** 330 **DOI:** 10.3390/jmse8050330 **Published:** MAY 2020

eISSN: 2077-1312

Record 4 of 18

Title: Latest advances on solar thermal collectors: A comprehensive review

Author(s): Evangelisti, L (Evangelisti, Luca); Vollaro, RD (Vollaro, Roberto De Lieto); Asdrubali, F (Asdrubali, Francesco)

Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS **Volume:** 114 **Article Number:** 109318 **DOI:** 10.1016/j.rser.2019.109318 **Published:** OCT 2019

ISSN: 1364-0321

eISSN: 1879-0690

Record 5 of 18

Title: Complex analysis focused on influence of biodiesel and its mixture on regulated and unregulated emissions of motor vehicles with the aim to protect air quality and environment

Author(s): Puskar, M (Puskar, Michal); Jahnatek, A (Jahnatek, Andrej); Kuric, I (Kuric, Ivan); Kadarova, J (Kadarova, Jaroslava); Kopas, M (Kopas, Melichar); Soltesova, M (Soltesova, Marieta)

Source: AIR QUALITY ATMOSPHERE AND HEALTH **Volume:** 12 **Issue:** 7 **Pages:** 855-864 **DOI:** 10.1007/s11869-019-00704-w **Published:** JUL 2019

ISSN: 1873-9318

eISSN: 1873-9326

Record 6 of 18

Title: Solar Radiation Model Applied to a Low Temperature Evacuated Tubes Solar Collector

Author(s): Lopez-Nunez, OA (Lopez-Nunez, Oscar A.); Alfaro-Ayala, JA (Arturo Alfaro-Ayala, J.); Ramirez-Minguela, JJ (Ramirez-Minguela, J. J.); Flores-Balderas, JN (Nicolas Flores-Balderas, J.); Belman-Flores, JM (Belman-Flores, J. M.)

Source: JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME **Volume:** 141 **Issue:** 3 **Article Number:** 031003 **DOI:** 10.1115/1.4041402 **Published:** JUN 2019

Accession Number: WOS:000466113200005

ISSN: 0199-6231

eISSN: 1528-8986

Record 7 of 18

Title: Experimental investigation on the heat transfer performance of evacuated tube solar collector using CuO nanofluid and water

Author(s): Kang, W (Kang, Woobin); Shin, Y (Shin, Yunchan); Cho, H (Cho, Honghyun)

Source: JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY **Volume:** 33 **Issue:** 3 **Pages:** 1477-1485 **DOI:** 10.1007/s12206-019-0249-6 **Published:** MAR 2019

ISSN: 1738-494X

eISSN: 1976-3824

Record 8 of 18

Title: Strategies to improve the thermal performance of heat pipe solar collectors in solar systems: A review

Author(s): Shafieian, A (Shafieian, Abdellah); Khiadani, M (Khiadani, Mehdi); Nosrati, A (Nosrati, Ataollah)

Source: ENERGY CONVERSION AND MANAGEMENT **Volume:** 183 **Pages:** 307-331 **DOI:** 10.1016/j.enconman.2018.12.115 **Published:** MAR 1 2019

ISSN: 0196-8904

eISSN: 1879-2227

Record 9 of 18

Title: Environmental study focused on the suitability of vehicle certifications using the new European driving cycle (NEDC) with regard to the affair "dieselgate" and the risks of NOx emissions in urban destinations

Author(s): Puskar, M (Puskar, Michal); Jahnatek, A (Jahnatek, Andrej); Kadarova, J (Kadarova, Jaroslava); Soltsova, M (Soltsova, Marieta); Kovanic, L (Kovanic, Ludovit); Krivosudska, J (Krivosudska, Jana)

Source: AIR QUALITY ATMOSPHERE AND HEALTH **Volume:** 12 **Issue:** 2 **Pages:** 251-257 **DOI:** 10.1007/s11869-018-0646-5 **Published:** FEB 2019

ISSN: 1873-9318

eISSN: 1873-9326

Record 10 of 18

Title: International Practice of Environmental Challenges Regulation

Author(s): Chistyakova, G (Chistyakova, Galina); Rolgayzer, A (Rolgayzer, Anastasia); Bondareva, E (Bondareva, Evgeniya); Schlee, I (Schlee, Inessa)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 02024 **DOI:** 10.1051/e3sconf/201910502024 **Published:** 2019

Accession Number: WOS:000505157000085

ISSN: 2267-1242

Record 11 of 18

Title: Zero Waste Technologies and Solution of Economic and Environmental Problems of Sustainable Development

Author(s): Dotsenko, E (Dotsenko, Elena); Ezdina, N (Ezdina, Natalia); Mudrova, S (Mudrova, Svetlana)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 02008 **DOI:** 10.1051/e3sconf/201910502008 **Published:** 2019

ISSN: 2267-1242

Record 12 of 18

Title: Convergent and Nature-Like Technologies as the Basis for Sustainable Development in the 21st Century

Author(s): Zhironkin, S (Zhironkin, Sergey); Demchenko, S (Demchenko, Svetlana); Kayachev, G (Kayachev, Gennady); Taran, E (Taran, Ekaterina); Zhironkina, O (Zhironkina, Olga)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 03008 **DOI:** 10.1051/e3sconf/201910503008 **Published:** 2019

Accession Number: WOS:000505157000098

ISSN: 2267-1242

Record 13 of 18

Title: System based on thermal control of the HCCI technology developed for reduction of the vehicle NOX emissions in order to fulfil the future standard Euro 7

Author(s): Puskar, M (Puskar, Michal); Kopas, M (Kopas, Melichar)

Source: SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 643 **Pages:** 674-680 **DOI:** 10.1016/j.scitotenv.2018.06.082 **Published:** DEC 1 2018

ISSN: 0048-9697

eISSN: 1879-1026

Record 14 of 18

Title: Global advancement on experimental and thermal analysis of evacuated tube collector with and without heat pipe systems and possible applications

Author(s): Chopra, K (Chopra, K.); Tyagi, VV (Tyagi, V. V.); Pandey, AK (Pandey, A. K.); Sari, A (Sari, Ahmet)

Source: APPLIED ENERGY **Volume:** 228 **Pages:** 351-389 **DOI:** 10.1016/j.apenergy.2018.06.067 **Published:** OCT 15 2018

Accession Number: WOS:000447479400031

ISSN: 0306-2619

eISSN: 1872-9118

Record 15 of 18

Title: Reduction of the NOx emissions in vehicle diesel engine in order to fulfill future rules concerning emissions released into air

Author(s): Sinay, J (Sinay, Juraj); Puskar, M (Puskar, Michal); Kopas, M (Kopas, Melichar)

Source: SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 624 **Pages:** 1421-1428 **DOI:** 10.1016/j.scitotenv.2017.12.266 **Published:** MAY 15 2018

Accession Number: WOS:000426355900141

ISSN: 0048-9697

eISSN: 1879-1026

Record 16 of 18

Title: Method for reduction of the NO_x emissions in marine auxiliary diesel engine using the fuel mixtures containing biodiesel using HCCI combustion

Author(s): Puskar, M (Puskar, Michal); Kopas, M (Kopas, Melichar); Puskar, D (Puskar, Dusan); Lumnitzer, J (Lumnitzer, Jan); Faltinova, E (Faltinova, Eva)

Source: MARINE POLLUTION BULLETIN **Volume:** 127 **Pages:** 752-760 **DOI:** 10.1016/j.marpolbul.2017.08.031 **Published:** FEB 2018

ISSN: 0025-326X

eISSN: 1879-3363

Record 17 of 18

Title: Autonomous vehicle with internal combustion drive based on the homogeneous charge compression ignition technology

Author(s): Puskar, M (Puskar, Michal); Fabian, M (Fabian, Michal); Kadarova, J (Kadarova, Jaroslava); Blist'an, P (Blist'an, Peter); Kopas, M (Kopas, Melichar)

Source: INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS **Volume:** 14 **Issue:** 5 **Article Number:** 1729881417736896 **DOI:** 10.1177/1729881417736896 **Published:** OCT 23 2017

ISSN: 1729-8814

Record 18 of 18

Title: Measured Quantity Value Estimator for Multiplicative Nonlinear Measurement Models

Author(s): Kuang, YC (Kuang, Ye Chow); Rajan, A (Rajan, Arvind); Ooi, MPL (Ooi, Melanie Po-Leen); Demidenko, SN (Demidenko, Serge N.)

Source: IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT **Volume:** 66 **Issue:** 4 **Pages:** 715-722 **DOI:** 10.1109/TIM.2017.2658000 **Published:** APR 2017

ISSN: 0018-9456

eISSN: 1557-9662

2. Citovaná publikácia:

Title: The comparative field performance study of heat pipe evacuated tube collectors with standard design manifold header and parallel flow manifold header based on the metal foam structural element

Author(s): Rybar, R (Rybar, Radim); Beer, M (Beer, Martin)

Source: SOLAR ENERGY **Volume:** 122 **Pages:** 359-367 **DOI:** 10.1016/j.solener.2015.09.010 **Published:** DEC 2015

Accession Number: WOS:000367107500033

ISSN: 0038-092X

Ohlasy (15):

Record 1 of 15

Title: Utilizing lattice Boltzmann method for heat transfer analysis in solar thermal systems: A review

Author(s): Nokhosteen, A (Nokhosteen, Arman); Sobhansarbandi, S (Sobhansarbandi, Sarvenaz)

Source: SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS **Volume:** 46 **Article Number:** 101264 **DOI:** 10.1016/j.seta.2021.101264 **Published:** AUG 2021

Accession Number: WOS:000670354600006

ISSN: 2213-1388

eISSN: 2213-1396

Record 2 of 15

Title: A comprehensive analysis on advances in application of solar collectors considering design, process and working fluid parameters for solar to thermal conversion

Author(s): Verma, SK (Verma, Sujit Kumar); Gupta, NK (Gupta, Naveen Kumar); Rakshit, D (Rakshit, Dibakar)

Source: SOLAR ENERGY **Volume:** 208 **Pages:** 1114-1150 **DOI:** 10.1016/j.solener.2020.08.042 **Published:** SEP 15 2020

ISSN: 0038-092X

Record 3 of 15

Title: Theoretical and experimental studies of impacts of heat shields on heat pipe evacuated tube solar collector

Author(s): Huang, XN (Huang, Xiaona); Wang, QL (Wang, Qiliang); Yang, HL (Yang, Honglun); Zhong, S (Zhong, Shuai); Jiao, DS (Jiao, Dongsheng); Zhang, KL (Zhang, Kaili); Li, MJ (Li, Mujun); Pei, G (Pei, Gang)

Source: RENEWABLE ENERGY **Volume:** 138 **Pages:** 999-1009 **DOI:** 10.1016/j.renene.2019.02.008 **Published:** AUG 2019

ISSN: 0960-1481

eISSN: 1879-0682

Record 4 of 15

Title: Complex analysis focused on influence of biodiesel and its mixture on regulated and unregulated emissions of motor vehicles with the aim to protect air quality and environment

Author(s): Puskar, M (Puskar, Michal); Jahnatek, A (Jahnatek, Andrej); Kuric, I (Kuric, Ivan); Kadarova, J (Kadarova, Jaroslava); Kopas, M (Kopas, Melichar); Soltesova, M (Soltesova, Marieta)

Source: AIR QUALITY ATMOSPHERE AND HEALTH **Volume:** 12 **Issue:** 7 **Pages:** 855-864 **DOI:** 10.1007/s11869-019-00704-w **Published:** JUL 2019

ISSN: 1873-9318

eISSN: 1873-9326

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Title: Environmental study focused on the suitability of vehicle certifications using the new

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Author(s): Puskar, M (Puskar, Michal); Jahnatek, A (Jahnatek, Andrej); Kadarova, J (Kadarova, Jaroslava); Soltesova, M (Soltesova, Marieta); Kovanic, L (Kovanic, Ludovit); Krivosudska, J (Krivosudska, Jana)

Source: AIR QUALITY ATMOSPHERE AND HEALTH **Volume:** 12 **Issue:** 2 **Pages:** 251-257 **DOI:** 10.1007/s11869-018-0646-5 **Published:** FEB 2019

ISSN: 1873-9318

eISSN: 1873-9326

Record 6 of 15

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ISSN: 0048-9697

eISSN: 1879-1026

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Title: Reduction of the NOx emissions in vehicle diesel engine in order to fulfill future rules concerning emissions released into air

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Title: Method for reduction of the NOx emissions in marine auxiliary diesel engine using the fuel mixtures containing biodiesel using HCCI combustion

Author(s): Puskar, M (Puskar, Michal); Kopas, M (Kopas, Melichar); Puskar, D (Puskar, Dusan); Lumnitzer, J (Lumnitzer, Jan); Faltinova, E (Faltinova, Eva)

Source: MARINE POLLUTION BULLETIN **Volume:** 127 **Pages:** 752-760 **DOI:** 10.1016/j.marpolbul.2017.08.031 **Published:** FEB 2018

ISSN: 0025-326X

eISSN: 1879-3363

Record 9 of 15

Title: Performance optimization of evacuated tube collector for solar cooling of a house in hot climate

Author(s): Ghoneim, AA (Ghoneim, Adel A.)

Source: INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY **Volume:** 37 **Issue:** 2 **Pages:** 193-208 **DOI:** 10.1080/14786451.2016.1256886 **Published:** 2018

Accession Number: WOS:000428736700006

ISSN: 1478-6451

eISSN: 1478-646X

Record 10 of 15

Title: Autonomous vehicle with internal combustion drive based on the homogeneous charge compression ignition technology

Author(s): Puskar, M (Puskar, Michal); Fabian, M (Fabian, Michal); Kadarova, J (Kadarova, Jaroslava); Blist'an, P (Blist'an, Peter); Kopas, M (Kopas, Melichar)

Source: INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS **Volume:** 14 **Issue:** 5 **Article Number:** 1729881417736896 **DOI:** 10.1177/1729881417736896 **Published:** OCT 23 2017

ISSN: 1729-8814

Record 11 of 15

Title: Performance of a cylindrical wicked heat pipe used in solar collectors: Numerical approach with Lattice Boltzmann method

Author(s): Grissa, K (Grissa, Kods); Benselama, AM (Benselama, Adel M.); Lataoui, Z (Lataoui, Zied); Romestant, C (Romestant, Cyril); Bertin, Y (Bertin, Yves); Jemni, A (Jemni, Abdelmajid)

Source: ENERGY CONVERSION AND MANAGEMENT **Volume:** 150 **Pages:** 623-636 **DOI:** 10.1016/j.enconman.2017.08.038 **Published:** OCT 15 2017

ISSN: 0196-8904

eISSN: 1879-2227

Record 12 of 15

Title: Enhancing boiling and condensation co-existing heat transfer in a small and closed space by copper foam inserts

Author(s): Liu, ZL (Liu, Zhongliang); Zheng, FW (Zheng, Fuwei); Li, YX (Li, Yanxia)

Source: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER **Volume:** 108 **Pages:** 961-971 **DOI:** 10.1016/j.ijheatmasstransfer.2016.12.088 **Part:** A **Published:** MAY 2017

ISSN: 0017-9310

eISSN: 1879-2189

Record 13 of 15

Title: ANALYSIS OF WIND FLOW IN BUILT UP AREAS AND POSSIBLE UTILISATION OF BUILDINGS IN TERMS OF PLACING SMALL WIND EQUIPMENTS

Author(s): Kudelas, D (Kudelas, Dusan); Sabolova, B (Sabolova, Bianka); Probala, D (Probala, Daniel)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 115-122 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-63-6

Record 14 of 15

Title: APLICATION OF 1 MW HEAT PUMP YORK 0955HA AND ANALYSYS OF PROBLEMS IN AUDIT OF PROCEDURE

Author(s): Kosco, J (Kosco, Jan); Kudelas, D (Kudelas, Dusan); Taus, P (Taus, Peter)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 139-145 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-63-6

Record 15 of 15

Title: DEVELOPING AN EFFECTIVE WASTE MANAGEMENT SYSTEM IN LIBYA

Author(s): Kudelas, D (Kudelas, Dusan); Emhemed, EM (Emhemed, Elsanosi Mohamed)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL II **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 27-32 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-64-3

3. Citovaná publikácia:

Title: Selected problems of classification of energy sources - What are renewable energy sources?

Author(s): Rybar, R (Rybar, Radim); Kudelas, D (Kudelas, Dusan); Beer, M (Beer, Martin)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 20 **Issue:** 3 **Pages:** 172-180 **Published:** 2015

ISSN: 1335-1788

Ohlasy (12):

Record 1 of 12

Title: Experimental study on the effect of tube rotation on performance of horizontal shell and tube latent heat energy storage

Author(s): Fathi, MI (Fathi, Mohammed Ibrahim); Mussa, MA (Mussa, Munther Abdullah)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 39 **Article Number:** 102626 **DOI:** 10.1016/j.est.2021.102626 **Published:** JUL 2021

ISSN: 2352-152X

Record 2 of 12

Title: Parameter Optimization Model Photovoltaic Battery System for Charging Electric Cars

Author(s): Taus, P (Taus, Peter); Tausova, M (Tausova, Marcela); Sivak, P (Sivak, Peter);

Muchova, MS (Muchova, Maria Shejbalova); Mihalikova, E (Mihalikova, Eva)

Source: ENERGIES **Volume:** 13 **Issue:** 17 **Article Number:** 4497 **DOI:**

10.3390/en13174497 **Published:** SEP 2020

eISSN: 1996-1073

Record 3 of 12

Title: Energy Use and Labor Productivity in Ethiopia: The Case of the Manufacturing Industry

Author(s): Kebede, SG (Kebede, Selamawit G.); Heshmati, A (Heshmati, Almas)

Source: ENERGIES **Volume:** 13 **Issue:** 11 **Article Number:** 2714 **DOI:**

10.3390/en13112714 **Published:** JUN 2020

eISSN: 1996-1073

Record 4 of 12

Title: In-situ AFM observations of the effect of addition of glass fibers and lignosulfonates on performance of the negative active mass of a lead-acid storage battery

Author(s): Vanysek, P (Vanysek, Petr); Baca, P (Baca, Petr); Zimakova, J (Zimakova, Jana); Vaculik, S (Vaculik, Sebastian); Bouska, M (Bouska, Marek)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 29 **Article Number:** 101318 **DOI:**

10.1016/j.est.2020.101318 **Published:** JUN 2020

ISSN: 2352-152X

Record 5 of 12

Title: Modelling the Non-Linear Energy Intensity Effect Based on a Quantile-on-Quantile Approach: The Case of Textiles Manufacturing in Asian Countries

Author(s): Haseeb, M (Haseeb, Muhammad); Kot, S (Kot, Sebastian); Hussain, HI (Hussain, Hafezali Iqbal); Mihardjo, LWW (Mihardjo, Leonardus W. W.); Saluga, P (Saluga, Piotr)

Source: ENERGIES **Volume:** 13 **Issue:** 9 **Article Number:** 2229 **DOI:**

10.3390/en13092229 **Published:** MAY 2020

eISSN: 1996-1073

Record 6 of 12

Title: Ukraine Energy Sector Management Using Hybrid Renewable Energy Systems

Author(s): Sabishchenko, O (Sabishchenko, Oleksandr); Rebilas, R (Rebilas, Rafal); Sczygiol, N (Sczygiol, Norbert); Urbanski, M (Urbanski, Mariusz)

Source: ENERGIES **Volume:** 13 **Issue:** 7 **Article Number:** 1776 **DOI:**

10.3390/en13071776 **Published:** APR 2020

eISSN: 1996-1073

Record 7 of 12

Title: Examination of impact of lignosulfonates added to the negative active mass of a lead-acid battery electrode

Author(s): Zimakova, J (Zimakova, Jana); Fryda, D (Fryda, Daniel); Vaculik, S (Vaculik, Sebastian); Baca, P (Baca, Petr); Bouska, M (Bouska, Marek)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 18 **Pages:** 229-238 **DOI:** 10.1016/j.est.2018.04.009 **Published:** AUG 2018
ISSN: 2352-152X

Record 8 of 12

Title: Combined effect of acrylic fibers and carbon in negative active mass of lead-acid battery

Author(s): Jana, Z (Jana, Zimakova); Daniel, F (Daniel, Fryda); Sebastian, V (Sebastian, Vaculik); Baca, P (Baca, Petr)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 14 **Special Issue:** SI **Pages:** 372-377 **DOI:** 10.1016/j.est.2017.04.015 **Part:** 3 **Published:** DEC 2017
ISSN: 2352-152X

Record 9 of 12

Title: Assessment of mining activities with respect to the environmental protection

Author(s): Skuta, R (Skuta, Radim); Kucerova, R (Kucerova, Radmila); Pavelek, Z (Pavelek, Zdenek); Dirner, V (Dirner, Vojtech)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 22 **Issue:** 1 **Pages:** 79-93 **Published:** 2017

Accession Number: WOS:000410998400008

ISSN: 1335-1788

Record 10 of 12

Title: Aspects of classification of energy sources in terms of their position in the sector of the economy

Author(s): Dirner, V (Dirner, Vojtech); Pavelek, Z (Pavelek, Zdenek)

Source: Acta Montanistica Slovaca **Volume:** 21 **Issue:** 4 **Pages:** 287-297 **Published:** 2016

ISSN: 1335-1788

Record 11 of 12

Title: Geothermal energy - one of the resources of tourism expansion in Slovakia

Author(s): Kosco, J (Kosco, Jan); Tausova, M (Tausova, Marcela); Taus, P (Taus, Peter); Jenö, M (Jeno, Matus)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 21 **Issue:** 3 **Pages:** 171-179 **Published:** 2016

ISSN: 1335-1788

Record 12 of 12

Title: Unconventional oil resources exploitation: A review

Author(s): Vilamova, S (Vilamova, Sarka); Piecha, M (Piecha, Marian); Pavelek, Z (Pavelek, Zdenek)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 21 **Issue:** 3 **Pages:** 247-257 **Published:** 2016

ISSN: 1335-1788

4. Citovaná publikácia:

Title: COPPER METAL FOAM AS AN ESSENTIAL CONSTRUCTION ELEMENT OF INNOVATIVE HEAT EXCHANGER

Author(s): Rybar, R (Rybar, R.); Beer, M (Beer, M.); Kudelas, D (Kudelas, D.); Pandula, B (Pandula, B.)

Source: METALURGIJA **Volume:** 55 **Issue:** 3 **Pages:** 489-492 **Published:** 2016

ISSN: 0543-5846

eISSN: 1334-2576

Ohlasy (11):

Record 1 of 11

Title: FEM Simulations for the Optimization of the Inlet Gate System in Rapid Investment Casting Process for the Realization of Heat Exchangers

Author(s): Almonti, D (Almonti, D.); Baiocco, G (Baiocco, G.); Ucciardello, N (Ucciardello, N.); Mingione, E (Mingione, E.)

Source: INTERNATIONAL JOURNAL OF METALCASTING **DOI:** 10.1007/s40962-021-00668-7 **Early Access Date:** AUG 2021

ISSN: 1939-5981

eISSN: 2163-3193

Record 2 of 11

Title: Deformation and Fracture Behavior of Sandwiched Copper Foam Brazed Joint Using Amorphous Copper-Tin-Nickel-Phosphorus Filler

Author(s): Zahri, NAM (Mohd Zahri, Nur Amirah); Yusof, F (Yusof, Farazila); Badruddin, IA (Badruddin, Irfan Anjum); Haseeb, ASMA (Haseeb, A. S. Md. Abdul); Sukiman, NL (Sukiman, Nazatul Liana); Kamangar, S (Kamangar, Sarfaraz)

Source: FRONTIERS IN MATERIALS **Volume:** 8 **Article Number:** 665219 **DOI:** 10.3389/fmats.2021.665219 **Published:** MAY 31 2021

ISSN: 2296-8016

Record 3 of 11

Title: Experimental investigation of initial yield surfaces of solid foams and their evolution under subsequent loading

Author(s): Felten, M (Felten, M.); Diebels, S (Diebels, S.); Jung, A (Jung, A.)

Source: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING **Volume:** 791 **Article Number:** 139762 **DOI:** 10.1016/j.msea.2020.139762 **Published:** JUL 22 2020

ISSN: 0921-5093

eISSN: 1873-4936

Record 4 of 11

Title: Investigation of Strain-Rate Effects in Ni/PU Hybrid Foams under Low-Impact Velocities

Author(s): Felten, M (Felten, Markus); Fries, M (Fries, Michael); Pullen, A (Pullen, Andy); Proud, WG (Proud, William G.); Jung, A (Jung, Anne)

Source: ADVANCED ENGINEERING MATERIALS **Volume:** 22 **Issue:** 7 **Article Number:** 1901589 **DOI:** 10.1002/adem.201901589 **Early Access Date:** MAY 2020
Published: JUL 2020

ISSN: 1438-1656

eISSN: 1527-2648

Record 5 of 11

Title: Experimental Study of Aluminum Foams Thermal Conductivity. Prospects of Additive Manufacturing for Novel Heat Exchangers Production

Author(s): Kovalevsky, A (Kovalevsky, Aleksey); Mats, A (Mats, Ariel); Shmurak, M (Shmurak, Mark); Fleisher, A (Fleisher, Alex)

Book Group Author(s): IEEE

Source: PROCEEDINGS OF THE 2020 IEEE 10TH INTERNATIONAL CONFERENCE ON NANOMATERIALS: APPLICATIONS & PROPERTIES (NAP-2020) **Article Number:** 02SAMA06 **Published:** 2020

ISBN: 978-1-7281-8506-4

Record 6 of 11

Title: Open-cell copper foam joining: joint strength and interfacial behaviour

Author(s): Zahri, NAM (Zahri, Nur Amirah Mohd); Yusof, F (Yusof, Farazila); Ariga, T (Ariga, Tadashi); Haseeb, ASMA (Haseeb, A. S. Md Abdul); Mansoor, MA (Mansoor, Muhammad Adil); Sukiman, NL (Sukiman, Nazatul Liana)

Source: MATERIALS SCIENCE AND TECHNOLOGY **Volume:** 35 **Issue:** 16 **Pages:** 2004-2012 **DOI:** 10.1080/02670836.2019.1661649 **Early Access Date:** SEP 2019
Published: NOV 2 2019

ISSN: 0267-0836

eISSN: 1743-2847

Record 7 of 11

Title: Combined Microfiltration and Reverse Osmosis Process for Mining Water Treatment

Author(s): Bakalar, T (Bakalar, Tomas); Pavolova, H (Pavolova, Henrieta); Kozakova, L (Kozakova, Lubica); Puskarova, P (Puskarova, Petra); Vasilkova Kmecova, M (Vasilkova Kmecova, Martina)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 02026 **DOI:** 10.1051/e3sconf/201910502026 **Published:** 2019

ISSN: 2267-1242

Record 8 of 11

Title: Assessment of mining activities with respect to the environmental protection

Author(s): Skuta, R (Skuta, Radim); Kucerova, R (Kucerova, Radmila); Pavelek, Z (Pavelek, Zdenek); Dirner, V (Dirner, Vojtech)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 22 **Issue:** 1 **Pages:** 79-93 **Published:** 2017

ISSN: 1335-1788

Record 9 of 11

Title: The importance of mining for socio-economic growth of the country

Author(s): Tausova, M (Tausova, Marcela); Culkova, K (Culkova, Katarina); Domaracka, L (Domaracka, Lucia); Drebenstedt, C (Drebenstedt, Carsten); Muchova, MS (Muchova, Maria Shejbalova); Kosco, J (Kosco, Jan); Behunova, A (Behunova, Annamaria); Drevkova, M (Drevkova, Maria); Bencoova, B (Bencoova, Barbora)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 22 **Issue:** 4 **Pages:** 359-367 **Published:** 2017

ISSN: 1335-1788

Record 10 of 11

Title: POSSIBILITIES OF EFFECTIVE USING GOLD BEARINGS BY THEIRS RECOVERY

Author(s): Domaracka, L (Domaracka, Lucia); Jurkasova, Z (Jurkasova, Zuzana); Muchova, M (Muchova, Maria); Puzder, M (Puzder, Matej)

Book Group Author(s): SGEM

Source: 16TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE, SGEM 2016: SCIENCE AND TECHNOLOGIES IN GEOLOGY, EXPLORATION AND MINING, VOL II **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 665-671 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-56-8

Record 11 of 11

Title: INFLUENCE OF INVESTMENT TO THE LIVING ENVIRONMENT PROTECTION TO THE ECONOMY OF THE COMPANY

Author(s): Culkova, K (Culkova, Katarina); Domaracka, L (Domaracka, Lucia); Tausova, M (Tausova, Marcela); Pavolova, H (Pavolova, Henrieta); Bencoova, B (Bencoova, Barbora)

Book Group Author(s): SGEM

Source: ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL III **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 297-304 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-67-4

5. Citovaná publikácia:

Title: ANALYSIS OF SUITABILITY FOR DEVELOPMENT OF NEW MINING FIELD IN NORTHERN PART OF KOSOVO LIGNITE BASIN - SIBOVC

Author(s): Cehlar, M (Cehlar, Michal); Rybar, R (Rybar, Radim); Pinka, J (Pinka, Jan); Haxhiu, L (Haxhiu, Lorik); Beer, M (Beer, Martin)

Source: ARCHIVES OF MINING SCIENCES **Volume:** 58 **Issue:** 2 **Pages:** 557-568 **DOI:** 10.2478/amsc-2013-0038 **Published:** 2013

ISSN: 0860-7001

Ohlasy (13):

Record 1 of 13

Title: Zero Waste Technologies and Solution of Economic and Environmental Problems of Sustainable Development

Author(s): Dotsenko, E (Dotsenko, Elena); Ezdina, N (Ezdina, Natalia); Mudrova, S (Mudrova, Svetlana)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 02008 **DOI:** 10.1051/e3sconf/201910502008 **Published:** 2019

ISSN: 2267-1242

Record 2 of 13

Title: On the Measures to Solve Environmental Problems of the Territory with Intensive Open Pit Coal Mining

Author(s): Gvozdikova, T (Gvozdikova, Tatiana); Stefanek, P (Stefanek, Pawel); Koscova, M (Koscova, Michaela)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:** E3S Web of Conferences **Volume:** 105 **Article Number:** 02006 **DOI:** 10.1051/e3sconf/201910502006 **Published:** 2019

ISSN: 2267-1242

Record 3 of 13

Title: Ecological Aspects of Coal Mining Enterprises' Activity in Conditions of Digitalization

Author(s): Kudiyashova, I (Kudiyashova, Irina); Venger, M (Venger, Mihail); Zakharova, N (Zakharova, Natalia)

Edited by: Tyulenev M; Zhironkin S; Khoreshok A; Voth S; Cehlar M; Nuray D; Janocko J; Anyona S; Tan Y; Abay A; Marasova D; Stefanek P

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM **Book Series:**

E3S Web of Conferences **Volume:** 105 **Article Number:** 02005 **DOI:**
10.1051/e3sconf/201910502005 **Published:** 2019
ISSN: 2267-1242

Record 4 of 13

Title: INFLUENCE OF ADDITIVES ON DECREASE OF TEMPERATURE OF SLAG
FLOW FROM ENERGY COAL IN WET BOTTOM BOILER

Author(s): Bakalar, T (Bakalar, T.); Pavolova, H (Pavolova, H.); Khouri, S (Khouri, S.);
Pristasova, I (Pristasova, I.)

Source: METALURGIJA **Volume:** 56 **Issue:** 3-4 **Pages:** 402-404 **Published:** JUL 2017

ISSN: 0543-5846

eISSN: 1334-2576

Record 5 of 13

Title: Aspects of classification of energy sources in terms of their position in the sector of the
economy

Author(s): Dirner, V (Dirner, Vojtech); Pavelek, Z (Pavelek, Zdenek)

Source: Acta Montanistica Slovaca **Volume:** 21 **Issue:** 4 **Pages:** 287-297 **Published:**
2016

ISSN: 1335-1788

Record 6 of 13

Title: Unconventional oil resources exploitation: A review

Author(s): Vilamova, S (Vilamova, Sarka); Piecha, M (Piecha, Marian); Pavelek, Z (Pavelek,
Zdenek)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 21 **Issue:** 3 **Pages:** 247-
257 **Published:** 2016

ISSN: 1335-1788

Record 7 of 13

Title: Economic evaluation of using of geopolymer from coal fly ash in the industry

Author(s): Vilamova, S (Vilamova, Sarka); Piecha, M (Piecha, Marian)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 21 **Issue:** 2 **Pages:** 139-
145 **Published:** 2016

ISSN: 1335-1788

Record 8 of 13

Title: ANALYSIS OF WIND FLOW IN BUILT UP AREAS AND POSSIBLE
UTILISATION OF BUILDINGS IN TERMS OF PLACING SMALL WIND EQUIPMENTS

Author(s): Kudelas, D (Kudelas, Dusan); Sabolova, B (Sabolova, Bianka); Probala, D
(Probala, Daniel)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS,
SGEM 2016, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-

SGEM Pages: 115-122 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-63-6

Record 9 of 13

Title: APLICATION OF 1 MW HEAT PUMP YORK 0955HA AND ANALYSYS OF PROBLEMS IN AUDIT OF PROCEDURE

Author(s): Kosco, J (Kosco, Jan); Kudelas, D (Kudelas, Dusan); Taus, P (Taus, Peter)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-

SGEM **Pages:** 139-145 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-63-6

Record 10 of 13

Title: DEVELOPING AN EFFECTIVE WASTE MANAGEMENT SYSTEM IN LIBYA

Author(s): Kudelas, D (Kudelas, Dusan); Emhemed, EM (Emhemed, Elsanosi Mohamed)

Book Group Author(s): SGEM

Source: ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL II **Book Series:** International Multidisciplinary Scientific

GeoConference-SGEM **Pages:** 27-32 **Published:** 2016

ISSN: 1314-2704

ISBN: 978-619-7105-64-3

Record 11 of 13

Title: EVALUATION OF THE SIGNIFICANT GEOTOURIST AND NATURAL SLOVAK AREAS IN TERMS OF TOURIST INTEREST

Author(s): Koscova, M (Koscova, Maria); Horodnikova, J (Horodnikova, Jana); Marasova, D (Marasova, Daniela); Krsak, B (Krsak, Branislav); Balaz, B (Balaz, Bartolomej)

Book Group Author(s): SGEM

Source: ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 337-

344 **Published:** 2015

ISSN: 1314-2704

ISBN: 978-619-7105-39-1

Record 12 of 13

Title: POSSIBILITIES OF USING THERMAL WATER FROM WELL G-4 IN KOSICE

Author(s): Kosco, J (Kosco, Jan); Kudelas, D (Kudelas, Dusan); Taus, P (Taus, Peter); Antolikova, S (Antolikova, Sandra)

Book Group Author(s): SGEM

Source: WATER RESOURCES, FOREST, MARINE AND OCEAN ECOSYSTEMS, SGEM 2015, VOL I **Book Series:** International Multidisciplinary Scientific GeoConference-

SGEM Pages: 517-522 **Published:** 2015

ISSN: 1314-2704

ISBN: 978-619-7105-36-0

Record 13 of 13

Title: THE POTENTIAL OF UTILIZATION AND EVALUATION OF POLYMETALLIC NODULES BED IN CLIPPERTON-CLARION LOCALITY IN PACIFIC OCEAN

Author(s): Kudelas, D (Kudelas, Dusan); Kosco, J (Kosco, Jan); Taus, P (Taus, Peter)

Book Group Author(s): SGEM

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2014, VOL III **Book Series:** International Multidisciplinary Scientific GeoConference-SGEM **Pages:** 485-492 **Published:** 2014

ISSN: 1314-2704

ISBN: 978-619-7105-19-3

6. Citovaná publikácia:

Title: Renewable energy sources as an attractive element of industrial tourism

Author(s): Beer, M (Beer, Martin); Rybar, R (Rybar, Radim); Kal'avsky, M (Kal'avsky, Michal)

Source: CURRENT ISSUES IN TOURISM **Volume:** 21 **Issue:** 18 **Pages:** 2147-2159 **DOI:** 10.1080/13683500.2017.1316971 **Published:** DEC 12 2018

ISSN: 1368-3500

eISSN: 1747-7603

Ohlasy (11):

Record 1 of 11

Title: Role of Tourism in Promoting Geothermal Energy: Public Interest and Motivation for Geothermal Energy Tourism in Slovenia

Author(s): Pavlakovic, B (Pavlakovic, Barbara); Demir, MR (Demir, Milica Rancic); Pozvek, N (Pozvek, Nejc); Turnsek, M (Turnsek, Maja)

Source: SUSTAINABILITY **Volume:** 13 **Issue:** 18 **Article Number:** 10353 **DOI:** 10.3390/su131810353 **Published:** SEP 2021

eISSN: 2071-1050

Record 2 of 11

Title: Perspectives on Sustainable Tourism Development in the Hotel Industry-A Case Study from Southern Europe

Author(s): Trisic, I (Trisic, Igor); Stetic, S (Stetic, Snezana); Privitera, D (Privitera, Donatella); Petrovic, MD (Petrovic, Marko D.); Maksin, M (Maksin, Marija); Vujovic, S (Vujovic, Slavoljub); Jovanovic, Z (Jovanovic, Zoran); Kalinic, M (Kalinic, Marija)

Source: SUSTAINABILITY **Volume:** 13 **Issue:** 10 **Article Number:** 5563 **DOI:** 10.3390/su13105563 **Published:** MAY 2021

eISSN: 2071-1050

Record 3 of 11

Title: An Investigation of Factors Determining the Tourism Attractiveness of Greece's Prefectures

Author(s): Krabokoukis, T (Krabokoukis, Thomas); Polyzos, S (Polyzos, Serafeim)

Source: JOURNAL OF THE KNOWLEDGE ECONOMY **Volume:** 12 **Issue:** 4 **Pages:** 1997-2015 **DOI:** 10.1007/s13132-020-00704-7 **Early Access Date:** NOV 2020 **Published:** DEC 2021

Accession Number: WOS:000589494200001

ISSN: 1868-7865

eISSN: 1868-7873

Record 4 of 11

Title: The mediating role of ICTs in the relationship between international tourism and environmental degradation: fit as a fiddle

Author(s): Anser, MK (Anser, Muhammad Khalid); Khan, MA (Khan, Muhammad Azhar); Nassani, AA (Nassani, Abdelmohsen A.); Askar, SE (Askar, Sameh E.); Abro, MMQ (Abro, Muhammad Moinuddin Qazi); Zaman, K (Zaman, Khalid); Kabbani, A (Kabbani, Ahmad)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **DOI:** 10.1007/s11356-020-10954-2 **Early Access Date:** NOV 2020

ISSN: 0944-1344

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Record 5 of 11

Title: Economic Life Cycle of Biomass Equipment and its Renovation

Author(s): Teplicka, K (Teplicka, Katarina); Kovac, M (Kovac, Martin); Skvarekova, E (Skvarekova, Erika); Senova, A (Senova, Andrea)

Source: TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS **Volume:** 9 **Issue:** 4 **Pages:** 1419-1425 **DOI:** 10.18421/TEM94-13 **Published:** NOV 2020

ISSN: 2217-8309

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Record 6 of 11

Title: The role of tourism, trade, renewable energy use and carbon dioxide emissions on economic growth: evidence of tourism-led growth hypothesis in EU-28

Author(s): Balsalobre-Lorente, D (Balsalobre-Lorente, Daniel); Leitao, NC (Leitao, Nuno Carlos)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 27 **Issue:** 36 **Pages:** 45883-45896 **DOI:** 10.1007/s11356-020-10375-1 **Early Access Date:** AUG 2020 **Published:** DEC 2020

ISSN: 0944-1344

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Title: Rural Public Acceptance of Wind and Solar Energy: A Case Study from Mersing, Malaysia

Author(s): Safari, MAM (Safari, Muhammad Aslam Mohd); Masseran, N (Masseran, Nurulkamal); Jedi, A (Jedi, Alias); Mat, S (Mat, Sohif); Sopian, K (Sopian, Kamaruzzaman); Rahim, AB (Rahim, Azman Bin Abdul); Zaharim, A (Zaharim, Azami)

Source: ENERGIES **Volume:** 13 **Issue:** 15 **Article Number:** 3855 **DOI:** 10.3390/en13153855 **Published:** AUG 2020

eISSN: 1996-1073

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Title: Geothermal spas as a local development factor, the case of Poland

Author(s): Kurek, KA (Kurek, Katarzyna A.); Heijman, W (Heijman, Wim); van Ophem, J (van Ophem, Johan); Gedek, S (Gedek, Stanislaw); Strojny, J (Strojny, Jacek)

Source: GEOTHERMICS **Volume:** 85 **Article Number:** 101777 **DOI:** 10.1016/j.geothermics.2019.101777 **Published:** MAY 2020

ISSN: 0375-6505

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Record 9 of 11

Title: Green procurement and financial performance in the tourism industry: the moderating role of tourists' green purchasing behaviour

Author(s): Galeazzo, A (Galeazzo, Ambra); Ortiz-de-Mandojana, N (Ortiz-de-Mandojana, Natalia); Delgado-Ceballos, J (Delgado-Ceballos, Javier)

Source: CURRENT ISSUES IN TOURISM **Volume:** 24 **Issue:** 5 **Pages:** 700-716 **DOI:** 10.1080/13683500.2020.1734546 **Early Access Date:** MAR 2020 **Published:** MAR 4 2021

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Title: Solar Energy Potential Mapping around Yogyakarta Palace As an Effort in Integrating Renewable Energy into Cultural Based Economic Development

Author(s): Budiarto, R (Budiarto, R.); Dewanto, BG (Dewanto, B. G.); Novitasari, D (Novitasari, D.); Aliyah, F (Aliyah, F.)

Book Group Author(s): IOP

Source: 2ND INTERNATIONAL CONFERENCE ON GREEN ENERGY AND ENVIRONMENT (ICOGEE 2020) **Book Series:** IOP Conference Series-Earth and Environmental Science **Volume:** 599 **Article Number:** 012022 **DOI:** 10.1088/1755-1315/599/1/012022 **Published:** 2020

ISSN: 1755-1307

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Title: Chornobyl Phenomenon: Catastrophe, Experimental Area vs Curiosity Object

Author(s): Kaluha, VF (Kaluha, Volodymyr F.); Uliganets, SI (Uliganets, Serhii, I); Dmytruk, OY (Dmytruk, Olexander Y.); Melnyk, LV (Melnyk, Liudmyla, V); Kupach, TG (Kupach, Tetiana G.)

Source: JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY **Volume:** 29 **Issue:** 4 **Pages:** 701-709 **DOI:** 10.15421/112063 **Published:** 2020

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Title: Elimination of Thermal Bridges in the Construction of a Flat Low-Pressure Solar Collector by Means of a Vacuum Thermal Insulation Bushing

Author(s): Rybar, R (Rybar, Radim); Kudelas, D (Kudelas, Dusan); Beer, M (Beer, Martin); Horodnikova, J (Horodnikova, Jana)

Source: JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME **Volume:** 137 **Issue:** 5 **Article Number:** 054501 **DOI:** 10.1115/1.4030230 **Published:** OCT 2015

ISSN: 0199-6231

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Ohlasy (3):

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Title: Understanding Slovakian Gas Well Performance and Capability through ArcGIS System Mapping

Author(s): Wittenberger, G (Wittenberger, Gabriel); Cambal, J (Cambal, Jozef); Skvarekova, E (Skvarekova, Erika); Senova, A (Senova, Andrea); Kanuchova, I (Kanuchova, Ingrid)

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Title: A Case Study: Simulation Traffic Model as a Tool to Assess One-Way vs. Two-Way Traffic on Urban Roads around the City Center

Author(s): Bindzar, P (Bindzar, Peter); Saderova, J (Saderova, Janka); Sofranko, M (Sofranko, Marian); Kacmary, P (Kacmary, Peter); Brodny, J (Brodny, Jaroslaw); Tutak, M (Tutak, Magdalena)

Source: APPLIED SCIENCES-BASEL **Volume:** 11 **Issue:** 11 **Article Number:** 5018 **DOI:** 10.3390/app11115018 **Published:** JUN 2021

eISSN: 2076-3417

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Title: Optimization of energy consumption and cost effectiveness of modular buildings by

using renewable energy sources

Author(s): Taus, P (Taus, Peter); Tausova, M (Tausova, Marcela); Slosar, D (Slosar, Daniel); Jenó, M (Jeno, Matus); Kosco, J (Kosco, Jan)

Source: ACTA MONTANISTICA SLOVACA **Volume:** 20 **Issue:** 3 **Pages:** 200-208 **Published:** 2015

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8. Citovaná publikácia:

Title: Experimental heat transfer analysis of open cell hollow ligament metal foam at low Reynolds number

Author(s): Beer, M (Beer, Martin); Rybar, R (Rybar, Radim); Kal'avsky, M (Kal'avsky, Michal)

Source: MEASUREMENT **Volume:** 133 **Pages:** 214-221 **DOI:** 10.1016/j.measurement.2018.10.025 **Published:** FEB 2019

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Title: Pore-scale convection-conduction heat transfer and fluid flow in open-cell metal foams: A three-dimensional multiple-relaxation time lattice Boltzmann (MRT-LBM) solution

Author(s): Poureslami, P (Poureslami, Parham); Siavashi, M (Siavashi, Majid); Moghimi, H (Moghimi, Hamid); Hosseini, M (Hosseini, Milad)

Source: INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER **Volume:** 126 **Article Number:** 105465 **DOI:** 10.1016/j.icheatmasstransfer.2021.105465 **Published:** JUL 2021

ISSN: 0735-1933

eISSN: 1879-0178

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Title: Image-based method for evaluation of effective thermal conductivity of metal foam with hollow ligaments

Author(s): Jayakumar, A (Jayakumar, Arjun); Mani, A (Mani, A.)

Source: INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER **Volume:** 164 **Article Number:** 120490 **DOI:** 10.1016/j.ijheatmasstransfer.2020.120490 **Published:** JAN 2021

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Title: Liquid cooling module incorporating a metal foam and fin hybrid structure for high power insulated gate bipolar transistors (IGBTs)

Author(s): Lee, J (Lee, Jooyoung); Ki, S (Ki, Seokkan); Seo, D (Seo, Donghyun); Kim, J

(Kim, Jaechoon); Nam, Y (Nam, Youngsuk)

Source: APPLIED THERMAL ENGINEERING **Volume:** 173 **Article Number:** 115230 **DOI:** 10.1016/j.applthermaleng.2020.115230 **Published:** JUN 5 2020

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Title: Theoretical and experimental advances on heat transfer and flow characteristics of metal foams

Author(s): Wang, H (Wang, Hui); Guo, LJ (Guo, LieJin); Chen, K (Chen, Kang)

Source: SCIENCE CHINA-TECHNOLOGICAL SCIENCES **Volume:** 63 **Issue:** 5 **Pages:** 705-718 **DOI:** 10.1007/s11431-019-1455-0 **Early Access Date:** MAR 2020 **Published:** MAY 2020

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Title: Convective Heat Transfer Enhancement through Laser-Etched Heat Sinks: Elliptic Scale-Roughened and Cones Patterns

Author(s): Ventola, L (Ventola, Luigi); Fasano, M (Fasano, Matteo); Cappabianca, R (Cappabianca, Roberta); Bergamasco, L (Bergamasco, Luca); Clerici, F (Clerici, Francesca); Scaltrito, L (Scaltrito, Luciano); Chiavazzo, E (Chiavazzo, Eliodoro); Asinari, P (Asinari, Pietro)

Source: ENERGIES **Volume:** 13 **Issue:** 6 **Article Number:** 1360 **DOI:** 10.3390/en13061360 **Published:** MAR 2020

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Title: Thermal performance analysis of metallic foam-based heat sinks embedded with RT-54HC paraffin: an experimental investigation for electronic cooling

Author(s): Tauseef-ur-Rehman (Tauseef-ur-Rehman); Ali, HM (Ali, Hafiz Muhammad)

Source: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY **Volume:** 140 **Issue:** 3 **Pages:** 979-990 **DOI:** 10.1007/s10973-019-08961-8 **Early Access Date:** NOV 2019 **Published:** MAY 2020

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Title: Transient heat transfer and non-isothermal particle-laden gas flows through porous metal foams of differing structure

Author(s): Kuruneru, STW (Kuruneru, S. T. W.); Saha, SC (Saha, S. C.); Sauret, E (Sauret, E.); Gu, YT (Gu, Y. T.)

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9. Citovaná publikácia:

Title: Analysis of the Combined Ice Storage (PCM) Heating System Installation with Special Kind of Solar Absorber in an Older House

Author(s): Sivak, P (Sivak, Peter); Taus, P (Taus, Peter); Rybar, R (Rybar, Radim); Beer, M (Beer, Martin); Simkova, Z (Simkova, Zuzana); Banik, F (Banik, Frantisek); Zhironkin, S (Zhironkin, Sergey); Citbajova, J (Citbajova, Jana)

Source: ENERGIES **Volume:** 13 **Issue:** 15 **Article Number:** 3878 **DOI:** 10.3390/en13153878 **Published:** AUG 2020

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Ohlasy (4):

Record 1 of 4

Title: Design of Grating Type GaAs Solar Absorber and Investigation of Its Photoelectric Characteristics

Author(s): Huang, MH (Huang, Meihong); Wei, KH (Wei, Kaihua); Wu, PH (Wu, Pinghui); Xu, DY (Xu, Danyang); Xu, Y (Xu, Yan)

Source: FRONTIERS IN MATERIALS **Volume:** 8 **Article Number:** 781803 **DOI:** 10.3389/fmats.2021.781803 **Published:** OCT 25 2021

ISSN: 2296-8016

Record 2 of 4

Title: Dynamic Analysis for the Hydraulic Leg Power of a Powered Roof Support

Author(s): Szurgacz, D (Szurgacz, Dawid)

Source: ENERGIES **Volume:** 14 **Issue:** 18 **Article Number:** 5715 **DOI:** 10.3390/en14185715 **Published:** SEP 2021

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Record 3 of 4

Title: Multi-Agent Simulation of Iceberg Mass Loss during Its Energy-Efficient Towing for Freshwater Supply

Author(s): Filin, S (Filin, Sergiy); Semenov, I (Semenov, Iouri); Filina-Dawidowicz, L (Filina-Dawidowicz, Ludmila)

Source: ENERGIES **Volume:** 14 **Issue:** 13 **Article Number:** 4031 **DOI:** 10.3390/en14134031 **Published:** JUL 2021

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Title: Swimming pool thermal energy storage, an alternative for distributed cooling energy storage

Author(s): Hunt, JD (Hunt, Julian David); Zakeri, B (Zakeri, Behnam); Leal, W (Leal Filho, Walter); Schneider, PS (Schneider, Paulo Smith); Weber, NDB (Brasil Weber, Natalia de

Assis); Vieira, LW (Vieira, Lara Werncke); Ermel, C (Ermel, Conrado); de Castro, NJ (de Castro, Nivalde Jose); Barbosa, PSF (Franco Barbosa, Paulo Sergio); Nascimento, A (Nascimento, Andreas); Mastrucci, A (Mastrucci, Alessio)

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10. Citovaná publikácia:

Title: Development of heat accumulation unit based on heterogeneous structure of MF/PCM for cogeneration units

Author(s): Rybar, R (Rybar, Radim); Beer, M (Beer, Martin); Kal'avsky, M (Kal'avsky, Michal)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 21 **Pages:** 72-77 **DOI:** 10.1016/j.est.2018.11.004 **Published:** FEB 2019

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Ohlasy (5):

Record 1 of 5

Title: Review on sodium acetate trihydrate in flexible thermal energy storages: Properties, challenges and applications

Author(s): Wang, G (Wang, Gang); Xu, C (Xu, Chao); Kong, WQ (Kong, Weiqiang); Englmaier, G (Englmaier, Gerald); Fan, JH (Fan, Jianhua); Wei, GS (Wei, Gaosheng); Furbo, S (Furbo, Simon)

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Record 2 of 5

Title: Probability estimation of the city's energy efficiency improvement as a result of using the phase change materials in heating networks

Author(s): Skiba, M (Skiba, Marta); Mrowczynska, M (Mrowczynska, Maria); Sztubecka, M (Sztubecka, Malgorzata); Bazan-Krzywoskanska, A (Bazan-Krzywoskanska, Anna); Kazak, JK (Kazak, Jan K.); Lesniak, A (Lesniak, Agnieszka); Janowiec, F (Janowiec, Filip)

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Title: Performance investigation and sensitivity analysis of shell-and-tube phase change material thermal energy storage

Author(s): Ren, HS (Ren, Haoshan); He, M (He, Ming); Lin, WY (Lin, Wenye); Yang, LW

(Yang, Luwei); Li, WH (Li, Weihua); Ma, ZJ (Ma, Zhenjun)

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Title: Empirical correlations to quantify the effect of metal foam on solidification process in constant thermal capacity and constant volume systems

Author(s): Venkateshwar, K (Venkateshwar, K.); Tasnim, SH (Tasnim, S. H.); Simha, H (Simha, H.); Mahmud, S (Mahmud, S.)

Source: JOURNAL OF ENERGY STORAGE **Volume:** 30 **Article Number:** 101482 **DOI:** 10.1016/j.est.2020.101482 **Published:** AUG 2020

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Title: Technology Management Leading to a Smart System Solution Assuring a Decrease of Energy Consumption in Recreational Facilities

Author(s): Orynych, O (Orynych, Olga); Tucki, K (Tucki, Karol)

Source: ENERGIES **Volume:** 13 **Issue:** 13 **Article Number:** 3425 **DOI:** 10.3390/en13133425 **Published:** JUL 2020

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11. Citovaná publikácia:

Title: Design and Numerical Study of the Novel Manifold Header for the Evacuated Tube Solar Collector

Author(s): Beer, M (Beer, Martin); Rybar, R (Rybar, Radim); Cehlar, M (Cehlar, Michal); Zhironkin, S (Zhironkin, Sergey); Sivak, P (Sivak, Peter)

Source: ENERGIES **Volume:** 13 **Issue:** 10 **Article Number:** 2450 **DOI:** 10.3390/en13102450 **Published:** MAY 2020

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Title: Dynamic Analysis for the Hydraulic Leg Power of a Powered Roof Support

Author(s): Szurgacz, D (Szurgacz, Dawid)

Source: ENERGIES **Volume:** 14 **Issue:** 18 **Article Number:** 5715 **DOI:** 10.3390/en14185715 **Published:** SEP 2021

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Title: Life Cycle Assessment of the Use of Phase Change Material in an Evacuated Solar Tube Collector

Author(s): Jachura, A (Jachura, Agnieszka); Sekret, R (Sekret, Robert)

Source: ENERGIES **Volume:** 14 **Issue:** 14 **Article Number:** 4146 **DOI:** 10.3390/en14144146 **Published:** JUL 2021

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Title: Computational fluid dynamics based analysis for optimization of various thermal enhancement techniques used in evacuated tubes solar collectors: A review

Author(s): Aggarwal, S (Aggarwal, Sorabh); Kumar, R (Kumar, Raj); Kumar, S (Kumar, Sushil); Bhatnagar, M (Bhatnagar, Mona); Kumar, P (Kumar, Pawan)

Source: MATERIALS TODAY-PROCEEDINGS **Volume:** 46 **Pages:** 8700-8707 **DOI:** 10.1016/j.matpr.2021.04.021 **Part:** 17 **Published:** 2021

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Title: A Novel Economical Method of Determining the Geometric Characteristic of the Metal Foam Based on Image Analysis

Author(s): Martin, B (Beer, Martin); Tausova, M (Tausova, Marcela); Rybar, R (Rybar, Radim); Kalavsky, M (Kalavsky, Michal)

Source: ENERGIES **Volume:** 13 **Issue:** 13 **Article Number:** 3378 **DOI:** 10.3390/en13133378 **Published:** JUL 2020

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Title: Coal Mining Sustainable Development: Economics and Technological Outlook

Author(s): Zhironkin, S (Zhironkin, Sergeye); Cehlar, M (Cehlar, Michal)

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V Košiciach 22. 11. 2021

Ing. Martin Beer, PhD.
Ústav zemských zdrojov
FBERG, TUKE

prof. Ing. Dušan Kudelas, PhD.
riaditeľ Ústavu zemských zdrojov
FBERG, TUKE