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doc. Ing. Tomáš Bakalár, PhD.

Košice, október 2020

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách(3)

AAA001 [139096] **Heavy metal ions removal from aqueous solutions by a hybrid adsorption and microfiltration process** / Tomáš Bakalár - 1. vyd - Eger : Líceum Kiadó - 2013. - 95 p.. - ISBN 978-615-5250-34-7.

[BAKALÁR, Tomáš (100%)]

Ohlasy:

2016 [1] PAVOLOVÁ, H. Modelling of copper and zinc adsorption onto zeolite In: Metalurgija Vol. 55 no. 4 (2016), p.712-714 ISSN: 0543-5846

AAB - Vedecké monografie vydané v domácich vydavateľstvách(4)

AAB001 [132073] **Manažérstvo vodných zdrojov v SR** / Henrieta Pavolová, Tomáš Bakalár - 1. vyd. - Košice : REPROCENTRUM - 2012. - 193 s.. - ISBN 978-80-971259-0-5.

[PAVOLOVÁ, Henrieta (50%) - BAKALÁR, Tomáš (50%)]

Ohlasy:

2013 [4] SABO, Štefan, PAVOL, Milan Nakladanie s vodami v aglomeráciách Východoslovenského regiónu pod 2000 EO In: Vedecký seminár doktorandov 2013 S. 1-6 ISBN: 978-80-553-1526-3

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(6)

ACB004 [96422] **Ekológia a environmentalistika** / Tomáš Bakalár, Terézia Szabová - 1. vyd - Košice : FBERG TU - 2010. - 88 s.. - ISBN 978-80-553-0415-1.

[BAKALÁR, Tomáš (50%) - SZABOVÁ, Terézia (50%)]

Ohlasy:

2014 [1] HUSÁKOVÁ, Nikoleta Tools for Effective Application of Eco-Logistics In: CLC 2013 : Carpathian Logistics Congress - Congress Proceedings : Cracow, Poland, Dec 09-11, 2013 P. 80-83 ISBN: 978-80-87294-50-5

ADC - Vedecké práce v zahraničných karentovaných časopisoch(11)

ADC001 [57555] **Microfiltration of suspensions of microparticulate ion exchanger through ceramic membrane** / Barbora Onderková ... [et al.] - 2006.In: Desalination. No. 200 (2006), p. 343-345. - ISSN 0011-9164 Spôsob prístupu:

http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TFX-4KKPCN1-4S&_user=10&_coverDate=11%2F20%2F2006&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=3fd44f4e7ece98542b183d4f7adc2e68

[ONDERKOVÁ, Barbora (25%) - SCHLOSSER, Štefan (25%) - BAKALÁR, Tomáš (25%) - BÚGEL, Milan (25%)]

Ohlasy:

2010 [3] YIN, Na - LIU Fei - XING, Weihong Treatment of desulfurization wastewater with membrane process In: Membrane Science and Technology No. 6 (2010), p 75-78 ISSN: 1007-8924

2009 [1] BLAHUŠIAK, M.: Microfiltration of microparticulate boron adsorbent suspensions in submerged hollow fibre and capillary modules. In: Desalination. Vol. 241, no. 1-3 (2009), p. 138-147. ISSN 0011-9164.

ADC002 [68271] **Microfiltration of concentrated suspensions of a microparticulate ion-exchanger through a ceramic membrane** / Barbora Onderková ... [et al.] - 2007.In: Separation Science and Technology. Vol. 42, no. 13 (2007), p. 3003-3010. - ISSN 0149-6395

[ONDERKOVÁ, Barbora (40%) - SCHLOSSER, Štefan (40%) - BAKALÁR, Tomáš (10%) - BÚGEL, Milan (10%)]

Ohlasy:

2017 [1] BIN DARWIS, Nawaf - KOCHKODAN, Victor - HILAL, Nidal Microfiltration of micro-sized

suspensions of boron-selective resin with PVDF membranes In: Desalination Vol. 403 (2017), p. 161-171 ISSN: 0011-9164

2009 [1] BLAHUŠIAK, M.: Microfiltration of microparticulate boron adsorbent suspensions in submerged hollow fibre and capillary modules. In: Desalination. Vol. 241, no. 1-3 (2009), p. 138-147. ISSN 0011-9164.

ADC003 [77470] **Examination of the mutual interaction of heavy metals in course of adsorption from model solutions** / Ján Vereš ... [et al.] - 2008. In: Chemické listy. Vol. 102 (S), no. Symposia (2008), p. s503-s504. - ISSN 0009-2770 Spôsob prístupu: <http://www.chemicke-listy.cz>. [VEREŠ, Ján (25%) - BAKALÁR, Tomáš (25%) - BÚGEL, Milan (25%) - SISOL, Martin (25%)]
Ohlasy:

2011 [1] JANOŠKOVÁ, Katarína - MÜLLER, Gabriel Biosorption of cadmium from aqueous solutions using orange peel, walnut and hazelnut shell In: SGEM 2011 : 11th International Multidisciplinary Scientific GeoConference : Conference Proceedings : Volume 3 : 20-25 June, 2011, Bulgaria P. 799-806 ISSN: 1314-2704

ADC004 [95743] **Sledovanie vplyvu posypových solí na procesy v aktivačnej nádrži** / Eliška Horniaková, Milan Búgel, Tomáš Bakalár - 2010. In: Chemické listy. Vol. 104, no. 4 (2010), p. 257-260. - ISSN 0009-2770 Spôsob prístupu: http://www.chemicke-listy.cz/docs/full/2010_04_257-260.pdf. [HORNIAKOVÁ, Eliška (50%) - BÚGEL, Milan (30%) - BAKALÁR, Tomáš (20%)]
Ohlasy:

2014 [1] ŠOFRANKO, M., ŠKVAREKOVÁ, E., WITTENBERGER, G. Working fluids used for drilling deep boreholes In: Applied Mechanics and Materials Vol. 508 (2014), p. 150-155 ISSN: 1660-9336

2014 [1] KADUKOVÁ, Jana, ŠKVAREKOVÁ, Erika, MIKLOŠ, Vojtech et al. Assessment of microbially influenced corrosion risk in slovak pipeline transmission network In: Journal of Failure Analysis and Prevention Vol. 14, no. 2 (2014), p. 191-196 ISSN: 1547-7029

2014 [1] SABO, Štefan, MIHALOVÁ, Lucia, BOCAN, Jozef et al. Effect of point sources of water pollution on the quality of water bodies in Trebisov region In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 237-242 ISSN: 1314-2704

2016 [4] WITTENBERGER, Gabriel - ŠKVAREKOVÁ, Erika Pracovné kvapaliny používané pri vŕtaní hlbinných vrtov In: Nové poznatky v oblasti vŕtania, ťažby, dopravy a uskladňovania uhľovodíkov : New knowledge in the area of drilling production, transport and storage of hydrocarbons : Podbanské, 9-11 November, 2016 S. 109-114 ISBN: 978-80-553-3001-3

2016 [2] SKVAREKOVA, Erika - WITTENBERGER, Gabriel - SOFRANKO, Marian Tar related issues in underground coal gasification In: Acta Montanistica Slovaca Roč. 21, č. 4 (2016), s. 298-305 ISSN: 1335-1788

ADC005 [114122] **Influence of suspension concentration and transmembrane pressure on microfiltration of montmorillonite based suspension** / Katarína Janošková ... [et al.] - 2011. In: Desalination and Water Treatment : Science and Engineering. Vol. 34, no. 1-3 (2011), p. 163-166. - ISSN 1944-3994 Spôsob prístupu: www.deswater.com. [MÜLLER, Gabriel (25%) - JANOŠKOVÁ, Katarína (25%) - BAKALÁR, Tomáš (25%) - BÚGEL, Milan (25%)]
Ohlasy:

2016 [1] PAVOLOVA, Henrieta - SABO, Stefan - KOZAKOVA, Ľubica Municipal solid waste incineration fly-ash stabilisation by cement and bentonite In: SGEM 2016 : 16th international multidisciplinary scientific Geoconference : Ecology, Economics, Education and Legislation : volume 1 : Albena, 30 June - 6 July, 2016 P. 455-462 ISBN: 978-619-7105-65-0

ADC006 [117339] **Removal of Zn(2) from aqueous solutions using Lewatit S1468** / Gabriel Müller

... [et al.] - 2012. In: Desalination and Water Treatment. Vol. 37, no. 1-3 (2012), p. 146-151. - ISSN 1944-3994 Spôsob prístupu: <http://www.deswater.com/readabstract.php?id=1592>.
[MÜLLER, Gabriel (30%) - JANOŠKOVÁ, Katarína (30%) - BAKALÁR, Tomáš (30%) - CAKL, Jiří (5%) - JIRÁNKOVÁ, Hana (5%)]

Ohlasy:

2014 [1] ILAIYARAJA, P. et al. Removal of cobalt from aqueous solution using xanthate functionalized dendrimer In: Desalination and Water Treatment Vol. 52, no. 1-3 (2014), p. 438-445 ISSN: 1944-3994

2014 [1] PANADARE, Dhanashree C., LADE, Vikesh G., RATHOD, Virendra K. Adsorptive removal of copper(II) from aqueous solution onto the waste sweet lime peels (SLP): equilibrium, kinetics and thermodynamics studies In: Desalination and water treatment Vol. 52, no. 40-42 (2014), p. 7822-7837 ISSN: 1944-3994

2015 [1] TADESSE, Bezuayehu - TEJU, Endale - MEGERSA, Negussie The Teff straw: a novel low-cost adsorbent for quantitative removal of Cr(VI) from contaminated aqueous samples In: Desalination and Water Treatment Vol. 56, no. 11 (2015), p. 2925-2936 ISSN: 1944-3994

2016 [1] PAVOLOVÁ, H. et al. Modelling of copper and zinc adsorption onto zeolite In: Metalurgija Vol. 55, no. 4 (2016), p.712-714 ISSN: 0543-5846

2016 [1] GÎLCĂ, E. et al. Kinetic modeling and error analysis for zinc removal on a weak base anion exchange resin In: Desalination and Water Treatment Vol. 57, no. 41 (2016), 19510-19518 ISSN: 1944-3994

2016 [1] NAWAZ, R., ALI, K., KHAN, M. Extraction of copper from wastewater through supported liquid membrane using tri-ethanolamine as a carrier In: Desalination and Water Treatment Vol. 57, no. 46 (2016), p. 21827-21841 ISSN: 1944-3994

2016 [1] PAVOLOVA, Henrieta - SABO, Stefan - KOZAKOVA, Ľubica Municipal solid waste incineration fly-ash stabilisation by cement and bentonite In: SGEM 2016 : 16th international multidisciplinary scientific Geoconference : Ecology, Economics, Education and Legislation : volume 1 : Albena, 30 June - 6 July, 2016 P. 455-462 ISBN: 978-619-7105-65-0

2017 [1] TRAN, H.N. et al. Mistakes and inconsistencies regarding adsorption of contaminants from aqueous solutions: A critical review In: Water Research Vol. 120 (2017), p. 88-116 ISSN: 0043-1354

2018 [1] SILVA, R.A., HAWBOLDT, K., ZHANG, Y. Application of resins with functional groups in the separation of metal ions/species - a review In: Mineral Processing and Extractive Metallurgy Review Vol. 39, no. 6 (2018), p. 395-413 ISSN: 0882-7508

ADC007 [183681] **Impact of aeration rate and zeolite concentration on the microfiltration flux** / Tomáš Bakalár, Štefan Sabo - 2017. In: Desalination and Water Treatment. Vol. 79 (2017), p. 228-234. - ISSN 1944-3994

[BAKALÁR, Tomáš (95%) - SABO, Štefan (5%)]

Ohlasy:

2018 [1] XUE, Jinkai - GUO, Bing - GONG, Zhanyang Physico-chemical Processes In: Water Environment Research Vol. 90, no. 10 (2018), p. 1392-1438 ISSN: 1061-4303

ADC008 [184409] **Odstraňovanie Cu a Zn iónov z roztokov použitím kalu z úpravy pitných vôd** / Tomáš Bakalár, Henrieta Pavolová, Mária Kaňuchová - 2017. In: Chemické listy. Vol. 111, no. 4 (2017), p. 269-274. - ISSN 0009-2770

[BAKALÁR, Tomáš (40%) - PAVOLOVÁ, Henrieta (40%) - KAŇUCHOVÁ, Mária (20%)]

Ohlasy:

2019 [1] ŠIMKOVÁ, Z. et al. Assessment of socio-economic impacts of zeolite mining to regional development - Case study In: E3S Web of Conferences : IIMS 2019 volume 105: 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04009 ISSN: 2555-0403

ADC009 [202700] **Environmental and economic assessment of rainwater application in households** / Henrieta Pavolová ... [et al.] - 2019.In: Journal of Cleaner Production. č. 209 (2019), s. 1119-1125 [print]. - ISSN 0959-6526
[PAVOLOVÁ, Henrieta (35%) - BAKALÁR, Tomáš (35%) - KUDELAS, Dušan (25%) - PUŠKÁROVÁ, Petra (5%)]

Ohlasy:

2019 [1] ZHANG, S. et al. Impacts of climate change on urban rainwater harvesting systems In: Science of the Total Environment Vol. 665 (2019), p. 262-274 ISSN: 0048-9697

2019 [1] THOMÉ, A.C.B., SANTOS, P.G., FISCH, A.G. Using rainwater in cooling towers: Design and performance analysis for a petrochemical company In: Journal of Cleaner Production Vol. 224 (2018), p. 275-283 ISSN: 0959-6526

2019 [1] DENG, Dexiang - LIU, Kaige - ZHOU, Xi Rich water flow, live water revitalizes the countryside-Rural water resources utilization design under the rural revitalization strategy In: E3S Web of Conferences : WREM 2018 : 1st International Symposium on Water Resource and Environmental Management : KunmingKunming, 28-30 November, 2018 Vol. 81 (2019), article no. 01013 ISSN: 2267-1242

2019 [1] GHIMIRE, S. R., JOHNSTON, J. M. Sustainability assessment of agricultural rainwater harvesting: Evaluation of alternative crop types and irrigation practices In: PLoS ONE Vol. 14, no. 5 (2019) ISSN: 1932-6203

2019 [1] SEVERIS, R.M. et al. Economic analysis and risk-based assessment of the financial losses of domestic rainwater harvesting systems In: Resources, Conservation and Recycling (2019), p. 206-217 ISSN: 0921-3449

2019 [1] SMETS, Vincent et al. Urban Spatial Configuration and Functional Runoff Connectivity: Influence of Drainage Grid Density and Landscape Metrics In: Water Vol. 11, no. 12, (2019), art.no2661 ISSN: 2073-4441

2020 [1] ZHANG, Shouhong et al. Performance assessment of rainwater harvesting systems: Influence of operating algorithm, length and temporal scale of rainfall time series In: Journal of Cleaner Production Vol. 253 (2020), art. no. 120044 ISSN: 0959-6526

2020 [1] XIAO, Ping et al. The purification of rainwater with nanofiltration membrane In: Desalination and Water Treatment Vol. 192 (2020), p. 54-60 ISSN: 1944-3994

2020 [1] CHIU, Yie-Ru - AGHALOO, Kamaledin - MOHAMMADI, Babak Incorporating Rainwater Harvesting Systems in Iran's Potable Water-Saving Scheme by Using a GIS-Simulation Based Decision Support System In: Water Vol. 12, no. 3 (2020), art. no. 752 ISSN: 2073-4441

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch(13)

ADE001 [33988] **Development of processing technology and mathematical model of modification of magnesite raw material** / Michal Leško, Milan Búgel, Tomáš Bakalár - 2002.In: Boletim Paranaense de geociencias. No. 50 (2002), p. 69-80. - ISSN 0067-964X
[LEŠKO, Michal (34%) - BÚGEL, Milan (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2014 [1] LACIAK, Marek, ŠOFRANKO, Marián Optimization of device selection in design of technological lines for the aggregates production In: Applied Mechanics and Materials Vol. 611 (2014), p. 387-394 ISSN: 1662-7482

2014 [1] ŠOFRANKO, Marián, ZEMAN, Róbert Simulation of pipeline transport backfill mixtures In: ICC 2014 : proceedings of the 2014 15th International Carpathian Control Conference : Velke Karlovice, May 28-30, 2014 P. 578-583 ISBN: 978-147993528-4

2015 [4] ŠOFRANKO, Marian - LACIAK, Marek Projektovanie technologickej linky na výrobu

kameniva pomocou aplikácie Protelin In: SZVK Roč. 17, č. 2 (2015), s.14-18

2016 [2] ŠIMKOVÁ, Zuzana, CEHLÁR, Michal, PAVOLOVÁ, Henrieta Strategy of point out relevance of responsible exploitation of mineral resources In: Acta Montanistica Slovaca Roč. 21, č. 3 (2016), s. 208-216 ISSN: 1335-1788

ADE002 [42309] **Serpentine waste milling** / M. Leško ... [et al.] - 2006.In: Metalurgija. Vol. 45, no. 1 (2006), p. 31-35. - ISSN 0543-5846

[LEŠKO, Michal (30%) - BÚGEL, Milan (30%) - PIETRIKOVÁ, Alena (20%) - BAKALÁR, Tomáš (20%)]

Ohlasy:

2017 [2] LACKO, R., HAJDUOVÁ, Z., PAVOLOVÁ, H. Efficiency of mining and quarrying industry of V4 countries: the impact of investments and selected indicators In: Acta Montanistica Slovaca Roč. 22, č. 2 (2017), p. 136-145 ISSN: 1335-1788

ADE004 [77641] **Equilibrium modeling of Cu and Ni removal from aqueous solutions: influence of salinity** / Tomáš Bakalár, Milan Búgel, Henrieta Pavolová - 2008.In: Proceedings of World Academy of Science, Engineering and Technology. Vol. 34, October (2008), p. 252-255. - ISSN 2070-3740 Spôsob prístupu: <http://www.waset.org/pwaset/v34/v34-43.pdf>.

[BAKALÁR, Tomáš (40%) - BÚGEL, Milan (30%) - PAVOLOVÁ, Henrieta (30%)]

Ohlasy:

2011 [1] JANOSKOVA, Katarina, MÜLLER, Gabriel Biosorption of cadmium from from aqueous solutions using orange peel, walnut and hazelnut shell In: SGEM 2011 : 11th International Multidisciplinary Scientific GeoConference : Vol. 3 : Jun 20-25, 2011, Albena P. 799-806 ISSN: 1314-2704

2012 [1] UNGUREȘAN, Mihaela-Ligia, MĂICĂNEANU, Andrada, DULF, Francisc-Vasile Application of linear regression analysis for iron and copper removal process using natural zeolites In: Journal of Thermal Analysis and Calorimetry Vol. 110, no. 3 (2012), p. 1293–1297 ISSN: 1388-6150

2017 [3] MAHESWARI, S. Remediation of mercury contaminated soil by bacillus Sp, and pseudomonas Sp, isolated from rhizosphere soil In: International Journal of Innovative Research and Advanced Studies Vol. 4, no. 8 (2017), p. 112-116 ISSN: 2394-4404

2009 [1] MAHESWARI, S.: Remediation of arsenic in soil by Aspergillus nidulans isolated from an arsenic-contaminated site. In: Environmental technology. Vol. 30, no. 9 (2009), p. 921. ISSN 0959-3330.

2009 [3] JANOŠKOVÁ, K., MÜLLER, G.: Rovnováha adsorpcie vybraných ťažkých kovov na bentonite. In: CHISA 2009 : 56. konference chemického a procesního inženýrství : 19. - 22. října 2009, Srní, Šumava [CD-ROM]. Praha : ČSCHI, 2009. [P. 1-9.] ISBN 978-80-86059-51-8.

ADE005 [77644] **Possibilities of sewage sludge application in the conditions of Slovak republic** / Peter Takáč ... [et al.] - 2008.In: Proceedings of World Academy of Science, Engineering and Technology. Vol. 34, October (2008), p. 539-542. - ISSN 2070-3740 Spôsob prístupu:

<http://www.waset.org/pwaset/v34/v34-92.pdf>.

[TAKÁČ, Peter (20%) - ŠIMOVÁ, Dana (30%) - SZABOVÁ, Terézia (30%) - BAKALÁR, Tomáš (20%)]

Ohlasy:

2010 [1] AŞIK, B.B., KATKAT, A.V. Evaluation of wastewater sludge for possible agricultural use In: Environmental Engineering and Management Journal Vol. 9, no. 6 (2010), p. 819-826 ISSN: 1582-9596

2014 [1] ŠOFRANKO, M., ŠKVAREKOVÁ, E., WITTENBERGER, G. The possibilities of wastes utilization from magnesite extraction and treatment for backfilling In: Applied Mechanics and Materials Vol. 508 (2014), p. 263-268 ISSN: 1660-9336

2014 [1] ŠOFRANKO, Marián, ZEMAN, Róbert Simulation of pipeline transport backfill mixtures In:

ICCC 2014 : proceedings of the 2014 15th International Carpathian Control Conference : Velke Karlovice, May 28-30, 2014 P. 578-583 ISBN: 978-147993528-4

2015 [1] ŠOFRANKO, Marián, WITTENBERGER, Gabriel, ŠKVAREKOVÁ, Erika The usability of wastes in the backfill management In: Inzynieria Mineralna Vol. 16, no. 1 (2015), p. 75-84 ISSN: 1640-4920

ADE006 [99201] **Sorptive properties of black coal ash from melting boilers** / Františka Michalíková ... [et al.] - 2008.In: Czasopismo techniczne : Chemia. Vol. 105, no. 16 (2008), p. 141-150. - ISSN 0011-4561

[MICHALÍKOVÁ, Františka (25%) - BAKALÁR, Tomáš (25%) - SISOL, Martin (25%) - KOZÁKOVÁ, Ivana (25%)]

Ohlasy:

2012 [3] STEHLÍKOVÁ, Beáta - KOŠÚTH, Marián Vlastnosti popolov zo spaľovania hnedého uhlia z rôznych spaľovacích zariadení In: Hnědé uhlí No. 1 (2012), p. 16-21 ISSN: 1213-1660

ADE007 [85201] **Influence of solution concentration on heavy metal removal using reverse osmosis** / Tomáš Bakalár ... [et al.] - 2009.In: Annals of Faculty of Engineering Hunedoara. Vol. 7, no. 1 (2009), p. 111-114. - ISSN 1584-2665

[BAKALÁR, Tomáš (30%) - GAJDOŠOVÁ, Lucia (30%) - BÚGEL, Milan (20%) - PAVOLOVÁ, Henrieta (20%)]

Ohlasy:

2011 [4] DOMARACKÁ, Lucia - HAMRÁK, Henrich Selected aspects of analysis of winning metal from polymetallic nodules In: Acta Avionica Roč. 13, č. 22 (2011), s. 194-197 ISSN: 1335-9479

ADE011 [172614] **Adsorption efficiency of selected natural and synthetic sorbents** / Henrieta Pavolová ... [et al.] - 2016.In: Geology, Geophysics and Environment. Vol. 42, č. 1 (2016), s. 114-115. - ISSN 2353-0790

[PAVOLOVÁ, Henrieta (45%) - BAKALÁR, Tomáš (45%) - SABO, Štefan (5%) - PUŠKÁROVÁ, Petra (5%)]

Ohlasy:

2020 [1] FUKS, Leon - HERDZIK-KONIECKO, Irena Metal-selective Sorbents In: Solid-Phase Extraction DOI: 10.1016/B978-0-12-816906-3.00007-8 (2020) ISBN: 978-0-12-816906-0

ADF - Vedecké práce v domácich nekarentovaných časopisoch(24)

ADF001 [34019] **Kumulácia ťažkých kovov v pôdach po neriadenej a riadenej aplikácii čistiarenských kalov** / Terézia Szabová, Ľudmila Cikrayová, Tomáš Bakalár - 2002.In: Agrochémia. Roč. 6.(42), č. 4 (2002), s. 4-6. - ISSN 1335-2415

[SZABOVÁ, Terézia (40%) - CIKRAYOVÁ, Ľudmila (40%) - BAKALÁR, Tomáš (20%)]

Ohlasy:

2007 [3] ŠKVAREKOVÁ, Erika - KOZÁKOVÁ, Ľubica: Possibilities of sanation methods of rock surroundings pollution of oil products. In: Wiertnictwo-Nafta-Gaz. Vol. 24, no. 1 (2007), p. 459-464. ISSN 1507-0042.

2007 [3] KOZÁKOVÁ, L., ŠKVAREKOVÁ, E.: Sanation technologies leading to regeneration and revitalization of environment components. In: Wiertnictwo Nafta Gaz. Vol. 24, no. 1 (2007), p. 283-289. ISSN 1507-0042.

2007 [3] SCIRANKOVÁ, Lucia: Sanation techniques and methods using at sanation works of environmental components. In: MINING ENERGETIC 07. Beograd, Universiteta u Beogradu, 2007. P. 319-323. ISBN 978-86-7352-158-9.

ADF002 [43676] **Flotačná separácia PET zo zmesi odpadových plastov PET, PVC a PS** / Martin Sisol, Ľubica Kozáková, Tomáš Bakalár - 2005.In: Acta Montanistica Slovaca. Roč. 10, mimoriadne č. 1 (2005), s. 45-48. - ISSN 1335-1788

[SISOL, Martin (34%) - KOZÁKOVÁ, Ľubica (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2011 [1] TOPIARZOVÁ, R., ČABLÍK, V. Potential application of flotation in separating PET and PLA materials In: Inžynieria Mineralna Vol. 12, no. 2 (2011), p. 89-97 ISSN: 1640-4920

2014 [1] CABLIK, Vladimír - TOPIARZOVA, Romana - CABLIKOVA, Lucie Application of flotation in separating plastic materials In: SGEM 2014 : 14th International Multidisciplinary Scientific Geoconference : Albena, Jun 17-26, 2014 P. 811-816 ISBN: 978-619-7105-09-4

2007 [3] BUGARINOVIC, S., TRUMIČ, M.: Uticaj temperature i koncentracije restvora naoh na flotabilnost plastike. In: Ekolst 07. Beograd, Univerzita u Beogradu 2007. P. 538-542.

2008 [2] BRINDZÁR, P., MALINDŽÁK, D.: Optimalizácia počtu dopravných pásov s ohľadom na ich typ a logistické parametre v ťažobnom podniku. In: Acta Montanistica Slovaca. Roč. 13, č. 4 (2008), s. 524-531. ISSN 1335-1788.

ADF003 [43720] **Návrh technológie mletia serpentinitovej suroviny z dobšinských hald** / Michal Leško...[et al.] - 2005.In: Acta Montanistica Slovaca. Roč. 10, mimoriadne č. 1 (2005), s. 100-108. - ISSN 1335-1788

[LEŠKO, Michal (25%) - BÚGEL, Milan (25%) - BAKALÁR, Tomáš (25%) - PIETRIKOVÁ, Alena (25%)]

Ohlasy:

2011 [4] HRONČEK, Pavel - HVIZDÁK, Ladislav - ŠTRBA, Ľubomír Utilising possibilities of old postcards in research of surface relicts after raw material mining In: Acta Geoturistica Roč. 2, č. 1 (2011), s. 46-60 ISSN: 1338-2292

ADF005 [43750] **Odstraňovanie ťažkých kovov z vodných roztokov** / Tomáš Bakalár...[et al.] - 2005.In: Acta Montanistica Slovaca. Roč. 10, mimoriadne č. 1 (2005), s. 275-279. - ISSN 1335-1788 [BAKALÁR, Tomáš (25%) - BÚGEL, Milan (25%) - SCHLOSSER, Štefan (25%) - ONDERKOVÁ, Barbora (25%)]

Ohlasy:

2012 [1] PAVOLOVÁ, Henrieta, CSIKOSOVÁ, Adriana, ČULKOVÁ, Katarína et al. Efficiency of pollutants removal in Košice area with respect of living quality increasing In: Applied Mechanics and Materials Vol. 152-154 (2012), p. 489-494 ISSN: 1660-9336

2015 [1] MICHALÍKOVÁ, F. et al. The use of black fly ash at the production of ceramics materials - Part 2 In: Inžynieria Mineralna Vol. 16, no. 1 (2015), p. 103-108 ISSN: 1640-4920

2015 [1] MICHALÍKOVÁ, F. et al. The use of black fly ash at the production of ceramics materials - Part 1 In: Inžynieria Mineralna Vol. 15, no. 1 (2015), p. 227-234 ISSN: 1640-4920

2008 [3] KYNCL, M., PAVOLOVÁ, H., KYSEĽOVÁ, K.: Using untraditional sorbents for sorption of certain heavy metals from waste water. In: GeoScience Engineering. Vol. 54, no. 2 (2008), p. 26-31. ISSN 1802-5420.

2007 [4] PAVOLOVÁ, H., KYSEĽOVÁ, K.: A comparison of copper and zinc removal from wastewater using selected sorbents. In: Transactions of the Universities of Košice. Č. 1 (2007), s. 39-44. ISSN 1335-2334.

ADF006 [50128] **Study on quality of wastewater sludge** / Henrieta Pavolová, Tomáš Bakalár, Katarína Kyseľová - 2005.In: Transactions of the Universities of Košice. č. 3 (2005), s. 1-7. - ISSN 1335-2334

[PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - KYSEĽOVÁ, Katarína (33%)]

Ohlasy:

2007 [3] KYNCL, M.: Technologie zpracování a využití vodárenských kalů. Ostrava: TU VŠB, 2007. 109 s. ISBN 978-80-248-1604-3.

2008 [3] KYNCL, M., DIRNER, V., VIDLÁŘ, J.: Využití, zpracování a zneškodňování vodárenských kalů. In: Odpadové fórum 2008 1. díl: Sborník přednášek: 16.-18. duben 2008. Praha: PCHE, 2008. P. 3131-3137. ISBN 978-80-02-02011-0.

2008 [3] KYNCL, M.: Opportunities for water treatment sludge re-use. In: GeoScience Engineering [online]. Vol. 54, no. 1 (2008), p. 11-21. Dostupné na internete: <http://gse.vsb.cz>. ISSN 1802-5420.

ADF007 [50130] **Utilisation of new adsorbents for heavy metal removal from water** / Henrieta Pavolová, Tomáš Bakalár, Katarína Kyseľová - 2005. In: Transactions of the Universities of Košice. 3/2005. - Košice : TU, 2005 S. 8-12. - ISSN 1335-2334 [PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - KYSEĽOVÁ, Katarína (33%)]

Ohlasy:

2007 [3] KYNCL, M.: Technologie zpracování a využití vodárenských kalů. Ostrava: TU VŠB, 2007. S.109-110. ISBN 978-80-248-1604-3.

ADF008 [49837] **Analýza vodných zdrojov v južnom Zemplíne** / Henrieta Pavolová, Tomáš Bakalára Lenka Bodnárová - 2006. In: Acta Montanistica Slovaca. Roč. 11, č. 1 (2006), s. 86-91. - ISSN 1335-1788 Spôsob prístupu: <http://actamont.tuke.sk/pdf/2006/n1/13bakalar.pdf>. [PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - BODNÁROVÁ, Lenka (33%)]

Ohlasy:

2012 [4] KOŠČO, Ján, KUZEVIČ, Štefan, TAUŠ, Peter Analýza interakcie prevádzky 1 MW tepelného čerpadla a lokálnych hydrogeologických pomerov In: TechCON Roč. 8, č. 1 (2012), s. 4-6 ISSN: 1337-3013

2013 [4] ČULKOVÁ, Katarína, TEPLICKÁ, Katarína, TAKÁČOVÁ, Katarína Zdroje financovania pre inovačné riešenie miest a obcí In: Teória a prax verejnej správy : zborník príspevkov : Košice, 2013 S. 560-564 ISBN: 978-80-8152-061-7

ADF009 [56866] **Study on influence of selected producers of water pollution of Bodrog river basin in the area of Dolný Zemplín** / Henrieta Pavolová, Tomáš Bakalár, Katarína Kyseľová - 2006. In: Transactions of the Universities of Košice. Č. 4 (2006), s. 24-31. - ISSN 1335-2334 Spôsob prístupu: <http://library.upjs.sk>.

[PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - KYSEĽOVÁ, Katarína (33%)]

Ohlasy:

2010 [4] ŠKVAREKOVÁ, Erika, STEHLÍKOVÁ, Beáta, TEPLICKÁ, Katarína MONITORING PODZEMNÝCH VÔD PO ROPNEJ HAVÁRII In: TRANSPORT LOGISTICS Roč. 18, č. 8 (2010), s. 126-132 ISSN: 1451-107X

2012 [3] HLAVŇOVÁ, Barbara, PRISTÁŠOVÁ, Izabela, VINC, Lukáš Review of Water Management in the Area of Dolný Zemplín In: Journal on Law, Economy Management Vol. 2, no. 1 (2012), p. 25-31 ISSN: 2048-4186

ADF010 [56873] **Development of drinking water consumption and price in Košice self-governing district** / Henrieta Pavolová, Tomáš Bakalár, Katarína Kyseľová - 2006. In: Transactions of the Universities of Košice. Č. 4 (2006), s. 32-37. - ISSN 1335-2334 Spôsob prístupu: <http://library.upjs.sk>. [PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - KYSEĽOVÁ, Katarína (33%)]

Ohlasy:

2011 [4] HREHA, Patrik Rozvoj Košického regiónu realizovaním environmentálnych projektov vo vodohospodárskej oblasti In: Vedecký seminár doktorandov : 28. október 2011, Košice ISBN: 798-80-553-0789-3

2012 [4] HLAVŇOVÁ, Barbara - SVITEKOVÁ, Milena Vplyv vývoja verejných vodovodov a kanalizácií na environmentálny rozvoj Košického regiónu In: 1. PickAxe revue mladých vedcov S. 87-91 ISBN: 978-80-553-0903-3

ADF014 [72825] **Development of drinking water supply in Dolný Zemplín region** / Henrieta Pavolová, Tomáš Bakalár, Katarína Kyseľová - 2007. In: Transaction of the Universities of Košice. Č. 3 (2007), s. 16-20. - ISSN 1335-2334
[PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - KYSEĽOVÁ, Katarína (33%)]

Ohlasy:

2012 [3] HLAVŇOVÁ, Barbara, PRISTÁŠOVÁ, Izabela, VINC, Lukáš Review of Water Management in the Area of Dolný Zemplín In: Journal on Law, Economy Management Vol. 2, no. 1 (2012), p. 25-31 ISSN: 2048-4186

ADF015 [91995] **Heavy metal removal using reverse osmosis** / Tomáš Bakalár, Milan Búgel, Lucia Gajdošová - 2009. In: Acta Montanistica Slovaca. Roč. 14, č. 3 (2009), s. 250-253. - ISSN 1335-1788
Spôsob prístupu: <http://actamont.tuke.sk/pdf/2009/n3/6bakalar.pdf>.

[BAKALÁR, Tomáš (40%) - BÚGEL, Milan (30%) - GAJDOŠOVÁ, Lucia (30%)]

Ohlasy:

2011 [1] ADITYA, D., ROHAN, P., GUPTA, S. Nano-adsorbents for Wastewater Treatment : A Review In: Research journal of chemistry and environment Vol. 15, no. 2 (2011), p. 1033-1040 ISSN: 0972-0626

2011 [1] BODZEK, M., KONIECZNY, K., KWIECIŃSKA, A. Application of membrane processes in drinking water treatment-state of art In: Desalination and Water Treatment Vol. 35, no. 1-3 (2011), p. 164-184 ISSN: 1944-3994

2011 [3] BODZEK, Michał - KONIECZNY, Krystyna Application of membrane techniques in the removal of inorganic impurities from water environment - state of art In: Inżynieria Ekologiczna No. 26 (2011), p. 18-36 ISSN: 2081-139X

2011 [3] ATASHZAR, M. et al. Batch adsorption of lead and nickel ions from aqueous solution by means of olive cake In: CEST 2011 : 12th International Conference : 8-10 September 2011, Rhodes island Greece P. A-118-A-124 ISBN: 978-960-7475-49-7

2012 [1] PAVOLOVÁ, Henrieta et al. Efficiency of pollutants removal in Košice area with respect of living quality increasing In: Applied Mechanics and Materials Vol. 152-154 (2012), p. 489-494 ISSN: 1660-9336

2012 [3] ALVARADO DE LA PEÑA, Alicia Irene et al. Procesos fisicoquímicos para remoción de contaminantes en el agua (breve revisión) In: Repositorio Digital Institucional

2013 [1] ZAMANI, A. A. et al. Adsorption of lead, zinc and cadmium ions from contaminated water onto Peganum harmala seeds as biosorbent In: International Journal of Environmental Science and Technology Vol. 10, no. 1 (2013), p. 93-102 ISSN: 1735-1472

2013 [3] VARMA, Sangit et al. Removal of nickel from waste water using graphene nanocomposite In: International Journal of Chemical and Physical Sciences Vol. 2, special no. march (2013), p. 132-139 ISSN: 2319-6602

2013 [1] LEŠŠO, Igor et al. Some problems in application of the theory of abstract spaces In: Proceedings of the 2013 14th International Carpathian Control Conference, ICCO 2013 : 26 May - 29 May 2013, Rytro, Poland P. 212-217 ISBN: 978-146734489-0

2013 [1] SEZGIN, N. et al. Synthesis, characterization and, the heavy metal removal efficiency of MFe₂O₄ (M=Ni, Cu) nanoparticles In: Ekoloji Vol. 89 (2013), p. 89-96 ISSN: 1300-1361

2014 [1] WU, Fan et al. Recycle of Ag⁺ and Zn²⁺ with Magnetic Adsorbent in Process of Its Purification from Wastewater In: Clean - Soil, Air, Water Vol. 42, no. 1 (2014), p. 71-80 ISSN: 1863-0650

2013 [1] BODZEK, Michal Inorganic micropollutants removal by means of membrane processes-state of the art In: Ecological Chemistry and Engineering S-Chemia i Inżynieria Ekologiczna S Vol. 20, no. 4

(2013), p. 633-658 ISSN: 1898-6196

2014 [1] HANIF, Sara - SHAHZAD, Asma Removal of chromium(VI) and dye Alizarin Red S (ARS) using polymer-coated iron oxide (Fe₃O₄) magnetic nanoparticles by co-precipitation method In: Journal of Nanoparticle Research Vol. 16, no. 6 (2014), p. 2429 ISSN: 1388-0764

2014 [1] WU, Shuping et al. Construction of porous chitosan-xylan-TiO₂ hybrid with highly efficient sorption capability on heavy metals In: Journal of Environmental Chemical Engineering Vol. 2, no. 3 (2014), p. 1568-1577 ISSN: 2213-3437

2015 [3] AGARWAL, Animesh et al. Removal of Cu from its aqueous solution by using sugarcane baggase activated carbon (SCBAC) as low cost adsorbent In: International Journal of Engineering Technology, Management and Applied Sciences Vol. 3, no. special (2015), p. 258-267 ISSN: 2349-4476

2015 [1] BODZEK, M. Membrane technologies for the removal of micropollutants in water treatment In: Advances in Membrane Technologies for Water Treatment: Materials, Processes and Applications P. 465-517 ISBN: 978-178242126-9

2015 [1] SADEEK, S. A. et al. Metal adsorption by agricultural biosorbents: Adsorption isotherm, kinetic and biosorbents chemical structures In: International Journal of Biological Macromolecules Vol. 81 (2015), p. 400-409 ISSN: 0141-8130

2016 [1] MANE, S., PONRATHNAM, S., CHAVAN, N. Selective solid-phase extraction of metal for water decontamination In: Journal of Applied Polymer Science Vol. 133, no. 1 (2016), a.n. 42849 ISSN: 0021-8995

2015 [3] RAGHAVAN, Chidambaram - COKER, Tanner - THOMAS, Scott Reducing small colloidal particle concentrations in feed and/or byproduct fluids in the context of waterjet processing In: United States Patent US 9,011,204 B2

2016 [1] NARIMANI, F., LAKOURAJ, M.M. Poly (acrylic acid-co-acryloyl tetrasodium thiacalix[4]arene tetrasulfonate) grafted dextrin: new supper metal ion adsorbing hydrogels In: Journal of Polymer Research Vol. 23, no. 3 (2016), p. 1-11 ISSN: 1022-9760

2016 [1] ATKOVSKA, K. et al. Adsorption of Fe(II) and Zn(II) ions from landfill leachate by natural bentonite In: Journal of Chemical Technology and Metallurgy Vol. 51, no. 2 (2016), p. 215-222 ISSN: 1314-7471

2016 [1] RAVAL, N.P., SHAH, P.U., SHAH, N.K. Adsorptive removal of nickel(II) ions from aqueous environment: A review In: Journal of Environmental Management Vol. 179 (2016), p. 1-20 ISSN: 03014797

2016 [1] BANERJEE, S. et al. Biosorptive uptake of Fe²⁺, Cu²⁺ and As⁵⁺ by activated biochar derived from Colocasia esculenta: Isotherm, kinetics, thermodynamics, and cost estimation In: Journal of Advanced Research Vol. 7, no. 5 (2016), p. 597-610 ISSN: 2090-1232

2015 [3] BODZEK, Michal Application of membrane techniques for the removal of micropollutants from water and wastewater In: Copernican Letters Vol. 6(2015), p. 24-33 ISSN: 2082-968X

2016 [3] JAKUPI, S. et al. Removal of Ni(II) Ions From Aqueous Solutions by Nanoporous Material In: Quality of Life Vol. 13, no. 1-2(2016) ISSN: 1986-602X

2016 [3] MIREA, Cristina Monica et al. The removal of heavy metals using the bulk liquid membrane technique In: Progress of Cryogenics and Isotopes Separation Vol. 19, no. 1 (2016), p. 45-52 ISBN: 1582-2575

2015 [3] KEAWKIM, Kannika et al. Effect of pH on Heavy Metal Ion Adsorption of Biosorbents In: ASTC 2015: The 3rd Academic Science and Technology Conference 2015: 28-29 May, 2015, Bangkok, Thailand P. 821-825

2016 [3] JAKUPI, Shaban et al. Separation of Co(II) Ions from Water Resources by Natural Zeolite (Clinoptilolite) In: *Zaštita materijala i životne sredine* Vol. 5, no. 1 (2016), p. 57-66 ISSN: 1800-9573

2016 [3] PAVOLOVÁ, Henrieta - SABO, Štefan - KOZÁKOVÁ, Ľubica Municipal solid waste incineration fly-ash stabilisation by cement and bentonite In: *SGEM 2016 : 16th international multidisciplinary scientific Geoconference : Ecology, Economics, Education and Legislation : volume 1* : Albena, 30 June - 6 July, 2016 P. 455-462 ISBN: 978-619-7105-65-0

2016 [3] HANAN, O. Ali et al. Current and future water resources for agriculture in qatar state In: *British Journal of Applied Science and Technology* Vol. 18, no. 4 (2016), p. 1-13 ISSN: 2231-0843

2017 [3] JOSHI, Naveen Chandra Heavy metals, conventional methods for heavy metal removal, biosorption and the development of low cost adsorbents In: *European Journal of Pharmaceutical and Medical Research* Vol. 4, no. 2 (2017), p. 388-393 ISSN: 2394-3211

2017 [1] USMAN FARID, Muhammad, LUAN, Hong-yan, WANG, Yifei Increased adsorption of aqueous zinc species by Ar/O₂ plasma-treated carbon nanotubes immobilized in hollow-fiber ultrafiltration membrane In: *Chemical Engineering Journal* Vol. 325 (2017), p. 239-248 ISSN: 1385-8947

2017 [1] MINIF, Amine et al. Hexavalent chromium removal from model water and car shock absorber factory effluent by nanofiltration and reverse osmosis membrane In: *International Journal of Analytical Chemistry* Art. no. 7415708 ISSN: 1687-8760

2017 [3] JOSHI, Naveen Chandra - SHARMA, Rohit - SINGH, Ajay Biosorption: a review on heavy metal toxicity and advances of biosorption on conventional methods In: *Journal of Chemistry and Chemical Sciences* Vol. 7, no. 9 (2017), p. 714-724 ISSN: 2229-760X

2017 [1] ZHAO, Chuanliang et al. Fabrication of Tannin-Based Dithiocarbamate Biosorbent and Its Application for Ni(II) Ion Removal In: *Water Air and Soil Pollution* Vol. 228, no. 11 (2017), art. no. 409 ISSN: 0049-6979

2017 [1] GOMAA, H., et al. Selective, photoenhanced trapping/detrapping of arsenate anions using mesoporous blobfish head TiO₂ monoliths In: *ACS Sustainable Chemistry and Engineering* Vol. 5, no. 11 (2017), p. 10826-10839 ISSN: 2168-0485

2016 [1] RAMESH, S.T. et al. Low Cost Biosorbent 'Cyperus Rotundus' for Removal of Cu(II) and Zn(II) from Aqueous Solution with Acid and Alkali Treatments: Kinetic and Equilibrium Studies In: *Advanced Porous Materials* Vol. 4, no. 1 (2016), p. 46-53 ISSN: 2327-3941

2018 [1] ATKOVSKA, K. et al. Removal of heavy metal ions from wastewater using conventional and nanosorbents: A review In: *Journal of Chemical Technology and Metallurgy* Vol. 53, no. 2 (2018), p. 202-217 ISSN: 1314-7471

2018 [3] SIRILERT, Mintra - MAIKRANG, Kamol Adsorption isotherm of some heavy metals in water on unripe and ripe peel of banana In: *Naresuan University Journal: Science and Technology* Vol. 26, no. 1 (2018), p. 128-139 ISSN: 0858-7418

2018 [1] TASHARROFI, S. et al. Environmentally friendly stabilized nZVI-composite for removal of heavy metals In: *New Polymer Nanocomposites for Environmental Remediation : Book Chapter P.* 623-642 ISBN: 978-012811034-8

2018 [3] DESWAL, Meena - LAURA, J.S. Effect of change in trans-membrane pressure differences on the efficiency of a thin film reverse osmosis membrane In: *IOSR Journal of Engineering* Vol. 08, no. 5 (2018), p. 21-26 ISSN: 2278-8719

2018 [3] EL-AZIM, Hoda Abd - MOURAD, Fekry A. Removal of Heavy Metals Cd (II), Fe (III) and Ni (II), from Aqueous Solutions by Natural (Clinoptilolite) Zeolites and Application to Industrial Wastewater In: *Asian Journal of Environment and Ecology* Vol. 7, no. 1 (2018), p. 1-13 ISSN: 2456-

690X

- 2018 [1] ELMI, F., NAKHAEI, R. Chenarian, ALINEZHAD, H. Conversion of fisheries waste as magnetic hydroxyapatite bionanocomposite for the removal of heavy metals from groundwater In: Water Science and Technology-Water Supply Vol. 18, no. 4 (2018), p. 1406-1419 ISSN: 1606-9749
- 2018 [1] ARMIN, Nida, SCHNEIDER, Dominik, HOPPERT, Michael Bioleaching potential of bacterial communities in historic mine waste areas In: Environmental Earth Sciences Vol. 77, no. 14 (2018), p. Article number 542 ISSN: 1866-6280
- 2018 [1] SINGH, Jatinder, DHIMAN, Neha, SHARMA, Neeta kapur Effect of Fe(II) on the Adsorption of Mn(II) from Aqueous Solution Using Esterified Saw Dust: Equilibrium and Thermodynamic Studies In: Indian Chemical Engineer Vol. 60, no. 3 (2018), p. 255-268 ISSN: 0019-4506
- 2018 [1] ATKOVSKA BUREVSKA, K. et al. Biosorption of nickel ions from aqueous solutions by natural and modified peanut husks: equilibrium and kinetics In: Water and Environment Journal Vol. 32, no. 2 (2018), p. 276-284 ISSN: 1747-6585
- 2018 [1] MORE, Anand Govind - GUPTA, Sinil Kumar Evaluation of chromium removal efficiency at varying operating conditions of a novel bioelectrochemical system In: Bioprocess and Biosystems Engineering Vol. 41, no. 10 (2018), p. 1547-1554 ISSN: 1615-7591
- 2017 [1] WIESZCZYCKA, Karolina - STASZAK, Katarzyna Polymers in separation processes In: Physical Sciences Reviews Vol. 2, no. 5 (2017), article no. UNSP 20160127 ISSN: 2365-6581
- 2018 [1] AHMAD, Shahbaz et al. Algal extracts based biogenic synthesis of reduced graphene oxides (rGO) with enhanced heavy metals adsorption capability In: Journal of Industrial and Engineering Chemistry (2018) ISSN: 1226-086X
- 2018 [3] KANAMARLAPUDI, Sri Lakshmi Ramya Krishna - CHINTALPUDI, Vinay kumar - MUDDADA, Sudhamani Biosorption : Application of Biosorption for Removal of Heavy Metals from Wastewater In: Biosorption <https://www.intechopen.com/books/biosorption/application-of-biosorption-for-removal-of-heavy-metals-from-wastewater> ISBN: 978-1-78923-472-5
- 2018 [3] BİNGÜL, Züleyha Kerozende Di-2-etilhekzil Fosforik Asit İçeren Bulk Sıvı Membranla Çinko İyonlarının Taşınımına Karıştırma Hızının Etkisi : The effect of stirring Speed of zine ions transport throughbulk liquid membrane containing Di-2-ethylhexyl phosphoric acid (D2EHPA) in Kerosene In: Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi : Journal of the Institute of Science and Technology ISSN: 2146-0574
- 2018 [1] ABRHA, Y.W. et al. Adsorption of Pb²⁺ and Zn²⁺ from aqueous solutions using dried powder of cactus *Opuntia*: characterization, adsorption capacity and kinetics In: Desalination and Water Treatment Vol. 135 (2018), p. 330-340 ISSN: 1944-3994
- 2019 [1] SARODE, S. et al. Overview of wastewater treatment methods with special focus on biopolymer chitin-chitosan In: International Journal of Biological Macromolecules Vol. 121, (2019), p. 1086-1100 ISSN: 0141-8130
- 2019 [1] DUTTA, Sriparna, SHARMA, Rajendra kishore Sustainable Magnetically Retrievable Nanoadsorbents for Selective Removal of Heavy Metal Ions From Different Charged Wastewaters In: Separation Science and Technology (New York) Vol. 11 (2019), p. 371-416 ISSN: 1877-1718
- 2019 [1] SAHA, Sarthak et al. Keratin and chitosan biosorbents for wastewater treatment: A review In: Journal of Polymers and the Environment Vol. 27, no. 7 (2019), p. 1389-1403 ISSN: 1566-2543
- 2020 [1] DE LUNA, Mark Daniel G. et al. Effect of EDTA and CH₂O on Copper Recovery from Simulated Electroless Copper Plating Spent Rinse Water by Unseeded Fluidized-bed Granulation Process In: Separation and Purification Technology Vol. 253 (2020), art. no. 117460 ISSN: 1383-5866
- 2019 [1] KUMAR, Shravan - NARAYANASAMY, Selvaraju - VENKATESH, R. Prasanna Removal of

Cr(VI) from Synthetic Solutions using Water Caltrop Shell as a Low-cost Biosorbent In: Separation Science and Technology Vol. 54, no. 17 (2019), p. 2783-2799 ISSN: 0149-6395

2019 [1] CHOI, Hojung et al. Copper Ions Removal from Water using A(2)B(3) Type Hyperbranched Poly(amidoamine) Hydrogel Particles In: Molecules Vol. 24, no. 21 (2020), art. no. 3866 ISSN: 1420-3049

2020 [1] ABARCA, Ralf Ruffel M. et al. Metals toxic pollutants in the environment: anthropogenic and geological causes and remediation In: Current Trends and Future Developments on (bio-) Membranes : Membranes in Environmental Applications P. 109-124 ISBN: 978-0-12-817300-8;

2020 [1] TURHAN, Onur - ORS, Demet - TURHAN, Yasemin Synthesis, characterization and environmental application of grafted silica gel In: Fresenius Environmental Bulletin Vol. 29, no. 6 (2020), p. 4592-4606 ISSN: 1018-4619

2020 [1] SHAHID, Muhammad et al. Extraction of cobalt ions from aqueous solution by microgels for in-situ fabrication of cobalt nanoparticles to degrade toxic dyes: A two fold-environmental application In: Chemical Physics Letters Vol. 754 (2020), art. no. 137645 ISSN: 0009-2614

2020 [1] ERMOLENKO, Anna et al. Sorbent Based on Polyvinyl Butyral and Potassium Polytitanate for Purifying Wastewater from Heavy Metal Ions In: Processes Vol. 8, no. 6 (2020), art. no. 690 ISSN: 2227-9717

2020 [1] KOULI, Maria-Elisavet et al. A Study on Magnetic Removal of Hexavalent Chromium from Aqueous Solutions Using Magnetite/Zeolite-X Composite Particles as Adsorbing Material In: International Journal of Molecular Sciences Vol. 21, no. 8 (2020), art. no. 2707 ISSN: 1422-0067

2020 [1] ATKOVSKA, Katerina et al. Graphene and activated graphene as adsorbents for removal of heavy metals from water resources In: Micro and Nano Technologies : Carbon Nanomaterials for Agri-Food and Environmental Applications Book DOI : 10.1016/C2018-0-05516-4, p. 177-191 ISBN: 978-0-12-819786-8

ADF016 [119362] **Vývoj a nakladanie s komunálnym odpadom v kontexte rozvoja Košického regiónu** / Henrieta Pavolová, Tomáš Bakalár, Katarína Teplická - 2012.In: Odpady. Roč. 12, č. 2 (2012), s. 14-18. - ISSN 1335-7808
[PAVOLOVÁ, Henrieta (50%) - BAKALÁR, Tomáš (25%) - TEPLICKÁ, Katarína (25%)]

Ohlasy:

2012 [4] HLAVNŇOVÁ, Barbara - SVITEKOVÁ, Milena Vplyv vývoja verejných vodovodov a kanalizácií na environmentálny rozvoj Košického regiónu In: 1. PickAxe revue mladých vedcov 2012 S. 87-91 ISBN: 978-80-553-0903-3

ADF017 [124147] **Kvantitatívne vyhodnotenie modelovania hybridného procesu odstraňovania ťažkých kovov z odpadových vôd** / Henrieta Pavolová ... [et al.] - 2012.In: Journal of innovations and applied statistics. Roč. 2, č. 1 (2012), s. 60-66. - ISSN 1338-5224 Spôsob prístupu: <http://ijas.euke.sk/wp-content/uploads/2012/09/1-2012.pdf>.
[PAVOLOVÁ, Henrieta (25%) - BAKALÁR, Tomáš (25%) - VINC, Lukáš (25%) - ĎURIČEKOVÁ, Denisa (25%)]

Ohlasy:

2013 [4] DOMARACKÝ, D., DOMARACKÁ, L. Nature zeolite - specific properties In: Transformation of knowledge and technologies to the praxis obtained by research and development in the earth resources area S. 5-9 ISBN: 978-80-970625-6-9

ADF018 [128279] **Brownfields as a tool for support of Destination Tourism development** / Henrieta Pavolová, Katarína Kyseľová, Tomáš Bakalár - 2012.In: Acta Geoturistica. Roč. 3, č. 1 (2012), s. 26-30. - ISSN 1338-2292
[PAVOLOVÁ, Henrieta (34%) - KYSEĽOVÁ, Katarína (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2013 [1] CEHLÁR, Michal, ANTOŠOVÁ, Mária, SEŇOVÁ, Andrea Financing options for revitalizing of brownfields in Slovakia In: SGEM 2013 : 13th International Multidisciplinary Scientific Geoconference : Ecology, economics, education and legislation : conference proceedings : volume 2 : 16-22 June, 2013, Albena, Bulgaria P. 161-168 ISSN: 1314-2704 ISBN: 978-619-7105-04-9

2014 [1] HLAVNŇOVÁ, Barbara, KRŠÁK, Branislav Financing of Brownfields in Geotouristic Destinations in Slovakia In: ICMIBI 2013 : 2013 Internacional Conference on Management Innovation and Business Innovation, PT 1 : April 21-22, 2013, Singapore : Lecture Notes in Management Science P. 235-239 ISSN: 2251-3051 ISBN: 978-981-07-5034-3

2015 [1] DOMARACKA, L. et al. Benefits of brownfields revitalisation in promoting tourism development in Slovakia – a case study In: SGEM 2015 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : vol. 3: Albena, June 18-24, 2015 P. 119-125 ISSN: 1314-2704 ISBN: 978-619-7105-41-4

2013 [3] BÁNHALMI, Lilla - BICZÓ, Gábor A barnamezős rehabilitáció és az örökség turizmus kapcsolata: nemzetközi tapasztalatok és a DIGÉP esete In: Észak-magyarországi Stratégiai Füzetek Vol. 10, no. 1 (2013), p. 63-70 ISSN: 1786-1594

2016 [1] CSAPÓ, J., PINTÉR, R., AUBERT, A. Chances for tourism development and function change in the rural settlements with brown fields of Hungary In: e-Review of Tourism Research Vol. 13, no. 1-2 (2016), p. 298-313 ISSN: 1941-5842

2016 [3] LORBER, Lučka, MATLOVIČ, René, STIPERSKI, Zoran Brownfields, geography and geographers in CEE countries - holistic approach In: Geografski pregled : Geographical Review No. 37 (2016), p. 9-33 ISSN: 2303-8950

2018 [1] NAVRATIL, Josef et al. Brownfields do not “only live twice”: The possibilities for heritage preservation and the enlargement of leisure time activities in Brno, the Czech Republic In: Cities Vol. 74 (2018), p. 52-63 ISSN: 0264-2751

ADF019 [155495] **Model for the assessment of competitiveness of geotourist destinations in Slovakia** / Henrieta Pavolová, Tomáš Bakalár, Ľubomír Štrba - 2014. In: Acta Geoturistica. Roč. 5, č. 2 (2014), s. 31-36. - ISSN 1338-2292 Spôsob prístupu:

http://geotur.tuke.sk/pdf/2014/n02/04_Pavolova_v5_n2.pdf.

[PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - ŠTRBA, Ľubomír (33%)]

Ohlasy:

2015 [1] HLAVNŇOVÁ, B. Model of management of geotouristic destinations promotion in Slovakia In: 15th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2015 : Albena, Bulgaria P. 313-319 ISSN: 1314-2704

2016 [1] RYBÁR, P. et al. Creation of centres of mining tourism In: Production Management and Engineering Sciences : International Conference on Engineering Science and Production Management : ESPM 2015 : 16-17 april 2015, Tatranska Strba, Slovakia P. 253-258 ISBN: 978-113802856-2

2015 [1] MOLOKÁČ, M., HVIZDÁK, L., DOMARACKÁ, L. Application of the principles of the geotourism on the natural heritage In: SGEM 2015 : 15th. International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : vol. 3 : Albena, June 18-24, 2015 P. 83-90 ISSN: 1314-2704 ISBN: 978-619-7105-41-4

2016 [4] GOKI, Nathaniel G. - NENGA, Marcus D. - UMBUGADU, Allu A. Preliminary assessment of the post-mining geotourism potential of the Plateau tin fields, Nigeria In: Acta Geoturistica Roč. 7, č. 1 (2016), s. 21-30 ISSN: 1338-2292

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS(9)

ADM003 [169910] **Metallurgical brownfields re-use in the conditions of Slovakia - a case study /**

S. Khouri ... [et al.] - 2016.In: Metalurgija. Vol. 55, no. 3 (2016), p. 500-502. - ISSN 0543-5846 [KHOURI, Samer (25%) - PAVOLOVÁ, Henrieta (25%) - CEHLÁR, Michal (25%) - BAKALÁR, Tomáš (25%)]

Ohlasy:

2016 [2] VILAMOVIÁ, Š., PIECHA, M. Economic evaluation of using of geopolymer from coal fly ash in the industry In: Acta Montanistica Slovaca Roč. 21, č. 2 (2016), s. 139-145 ISSN: 1335-1788

2016 [1] DOMARACKA, Lucia et al. Possibilities of effective using gold bearings by theirs recovery In: SGEM 2016 : 16th International Multidisciplinary Scientific Geoconference : Science and Technologies in Geology, Exploration and Mining : Vol. 2 : Albena, 30 Jun-06 Jul, 2016 P. 665-671 ISBN: 978-619-7105-56-8

2017 [1] BEER, Martin et al. CFD study of selected fluid and thermal characteristic in open-cell metal foam element for solar thermal applications In: SGEM 2017 : 17th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : volume 17 : issue 42 : Albena, 29 June-5 July, 2017 P. 119-126 ISBN: 978-619-7408-10-2

2017 [1] ČULKOVÁ, K. et al. Investment to real estate renovation with aim to increase energetic efficiency 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. 547-554 ISBN: 978-619-7408-10-2

2017 [1] KOŠČO, J. et al. Forecast trends and new possibilities of using some of selected earth resources In: SGEM 2017: International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : vol. 17: issue 13 : Albena, 29 June - 5 July, 2017 P. 343-350 ISBN: 178-619-7105-00-1

2018 [1] ČULKOVÁ, K. et al. Evaluation of economic return on investment to new production technology In: SGEM 2018 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : volume 18 : issue 4.2 : Albena, 2-8 July, 2018 P. 65-72 ISSN: 1314-2704 ISBN: 978-619-7408-45-4

2018 [1] VASILKOVÁ-KMECOVÁ, M. et al. Utilization of a multifactor method of decision making in the field of recovery of ash from metallurgical production In: SGEM 2018 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : volume 18 : issue 5.3 : Albena, 2-8 July, 2018 P. 991-998 ISSN: 1314-2704 ISBN: 978-619-7408-48-5

2019 [1] KUZEVIČ, S., BINDZÁROVÁ GERGĽOVÁ, M., KUZEVIČOVÁ, Z. Rational use of energy raw materials in the context of sustainable development in the Slovak Republic In: E3S Web of Conferences : IIMS 2019 volume 105 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04003 ISSN: 2555-0403

2019 [1] ŠIMKOVÁ, Z. et al. Assessment of socio-economic impacts of zeolite mining to regional development - Case study In: E3S Web of Conferences : IIMS 2019 volume 105 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04009 ISSN: 2555-0403

2019 [1] ŠIMKOVÁ, Z. et al. Possibilities of using brownfields after mining and processing of mineral resources in Slovakia In: E3S Web of Conferences : IIMS 2019 volume 105 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 02023 ISSN: 2555-0403

2020 [1] BEER, Martin et al. A Novel Economical Method of Determining the Geometric Characteristic of the Metal Foam Based on Image Analysis In: Energies Vol. 13, no. 13 (2020), art. no. 3378 ISSN: 1996-1073

2020 [1] BEER, Martin et al. Design and Numerical Study of the Novel Manifold Header for the Evacuated Tube Solar Collector In: Energies Vol. 13, no. 10 (2020), art. no. 2450 ISSN: 1996-1073

ADM004 [179269] **Evaluation of competitiveness of selected geotourist destinations in Slovakia – case study from the Malá Fatra and Central Spiš area** / Henrieta Pavolová, Tomáš Bakalár, Milan

Pavol - 2016. In: e-Review of Tourism Research. Vol. 13, no. 5/6 (2016), p. 561-574. - ISSN 1941-5842 Spôsob prístupu: <http://ertr.tamu.edu/volume-13-issue-56-august-2016/volume-13-issue-56-august-2016-applied-research-notes-4/>.

[PAVOLOVÁ, Henrieta (50%) - BAKALÁR, Tomáš (45%) - PAVOL, Milan (5%)]

Ohlasy:

2018 [1] DALAKIS, A. et al. Tourists' perspective and nationality impact on destination competitiveness In: e-Review of Tourism Research Vol. 15, no. 2-3 (2018), p. 192-222 ISSN: 1941-5842

ADM005 [181060] **Influence of additives on decrease of temperature of slag flow from energy coal in wet bottom boiler** / Tomáš Bakalár ... [et al.] - 2017. In: Metalurgija. Vol. 56, no. 3-4 (2017), p. 402-404. - ISSN 0543-5846

[BAKALÁR, Tomáš (30%) - PAVOLOVÁ, Henrieta (30%) - KHOURI, Samer (30%) - PRISTÁŠOVÁ, Izabela (10%)]

Ohlasy:

2019 [1] JUNGA, R. et al. The Assessment of the Fuel Additive Impact on Moving Grate Boiler Efficiency In: Journal of the Energy Institute Vol. 92, no. 6 (2019), p. 1807-1820 ISSN: 1743-9671

2020 [1] ŠKVAREKOVÁ, Erika et al. Analysis of Risk Factors for Underground Coal Gasification In: Management Systems in Production Engineering Vol. 27, no. 4 (2020), p. 227-235 ISSN: 2299-0461

ADM007 [204176] **Model of sustainable regional development with implementation of brownfield areas** / Henrieta Pavolová ... [et al.] - 2019. In: Entrepreneurship and Sustainability Issues : International scientific peer-reviewed journal. - Vilnius (Litva) : Entrepreneurship and sustainability center Roč. 6, č. 3 (2019), s. 1088-1100 [online]. - ISSN 2345-0282 (online)

[PAVOLOVÁ, Henrieta (20%) - BAKALÁR, Tomáš (20%) - EMHEMED, Elsanosi Mohamed Abdelhafiez (20%) - HAJDUOVÁ, Zuzana (20%) - PAFČO, Martin (20%)]

Ohlasy:

2019 [1] CHORNA, M. et al. Analytical support for organizations' economic and environmental safety management In: Journal of Security and Sustainability Issues Vol. 8, no. 3 (2019), p. 413-422 ISSN: 2029-7017

2019 [1] PELECKIENĚ, V., PELECKIS, K., PELECKIS, K. Economic growth and security of traffic participants In: Journal of Security and Sustainability Issues Vol. 8, no. 4 (2019), p. 653-664 ISSN: 2029-7017

2019 [1] VOJTECH, F., LEVICKÝ, M., FILIP, S. Economic policy for sustainable regional development: A case study of Slovak Republic In: Journal of Security and Sustainability Issues Vol. 8, no. 4 (2019), p. 597-608 ISSN: 2029-7017

2019 [1] DABYLTAJEVA, N., RAKHYMZHAN, G. The green economy development path: Overview of economic policy priorities In: Journal of Security and Sustainability Issues Vol. 8, no. 4 (2019), p. 643-651 ISSN: 2029-7017

2019 [1] ŠIMKOVÁ, Z. et al. Possibilities of using brownfields after mining and processing of mineral resources in Slovakia In: E3S Web of Conferences : IIMS 2019 volume 105 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 02023 ISSN: 2555-0403

2019 [1] ŠIMKOVÁ, Z. et al. Assessment of socio-economic impacts of zeolite mining to regional development - Case study In: E3S Web of Conferences : IIMS 2019 volume 105 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04009 ISSN: 2555-0403

2019 [1] OCILKOVÁ, J., OCILKA, M., CVOLIGA, M. Application of SWOT analysis of exploitation of mineral resources for defining the strategy of support of sustainable development of the Slovak Republic In: E3S Web of Conferences : IIMS 2019 : 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Vol. 105 (2019), article no. 04027 ISSN: 2555-0403

2019 [1] SMIRNOVA, O.P., PONOMAREVA, A.O. Modelling Interregional Cooperation in the Real Sector of the Russian Economy In: Amazonia Investiga Vol. 8, no. 22 (2019), p. 6-14. ISSN: 2322-6307

2019 [1] HRIVNÁK, Michal et al. University graduates, knowledge spill-overs and localisations of knowledge intensive ventures - case of post-socialistic country In: Entrepreneurship and sustainability issues Vol. 7, no. 1 (2019), p. 146-165 ISSN: 2345-0282

2019 [1] VORONKOVA, Olga et al. Sustainable territorial development based on the effective use of resource potential In: Entrepreneurship and sustainability issues Vol. 7, no. 1 (2019), p. 662-673. ISSN: 2345-0282

2020 [1] TYSLOVA, Irena et al. Economic benefits of tourism: Cultural identity and tourism destinations in the Czech Republic In: Terra Economicus Vol. 18, no. 2 (2020), p. 139-154 ISSN: 2073-6606

ADM008 [207991] **Application of organic waste for adsorption of Zn(II) and Cd(II) ions** / Tomáš Bakalár, Henrieta Pavolová - 2019. In: Environment Protection Engineering. Roč. 45, č. 2 (2019), s. 35-54 [print]. - ISSN 0324-8828
[BAKALÁR, Tomáš (50%) - PAVOLOVÁ, Henrieta (50%)]

Ohlasy:

2020 [1] JAHANBAN-ESFAHLAN, Ali et al. Recent advances in the use of walnut (*Juglans regia* L.) shell as a valuable plant-based bio-sorbent for the removal of hazardous materials In: RSC Advances Vol. 10, no. 12 (2020), p. 7026-7047 ISSN: 2046-2069

ADM009 [221760] **XPS (X-ray photoelectron spectroscopy) study of removing iron ions from water by zeolite and bentonite** / Anna Švarlová ... [et al.] - 2020. In: International Journal of Electrical and Computer Engineering Systems. - Osijek (Chorvátsko) : Sveučilište Josipa Jurja Strossmayera u Osijeku č. 2 (2020), s. 201-204 . - ISSN 1847-6996
[ŠKVARLOVÁ, Anna (15%) - KAŇUCHOVÁ, Mária (20%) - KOZÁKOVÁ, Ľubica (20%) - BAKALÁR, Tomáš (15%) - ORAVCOVÁ, Andrea (15%) - ŠKVARLA, Jiří (15%)]

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS(4)

ADN001 [143976] **Solidification of MSWI fly-ash with regard to hazardous metals leaching** / Ľubica Kozáková ... [et al.] - 2013. In: Acta Montanistica Slovaca. Roč. 18, č. 2 (2013), s. 129-139. - ISSN 1335-1788
[KOZÁKOVÁ, Ľubica (46%) - BAKALÁR, Tomáš (46%) - ZELENĀK, Miroslav (5%) - PRAŠČÁKOVÁ, Mária (3%)]

Ohlasy:

2015 [1] ZHENG, H. et al. Effect of addition of MSWI fly ash on metallurgical properties of sinter In: Chinese Journal of Environmental Engineering Vol. 9, no. 8 (2015), p. 3970-3974. ISSN: 1673-9108

2016 [3] LÁZÁR, Marián et al. High-Temperature Melting Ash from the Incineration of Municipal Waste Versus the Cementation Method In: International Journal of Emerging Engineering Research and Technology Vol. 4, no. 7 (2016), p. 32-39 ISSN: 2349-4395

2016 [1] WACHTER, A. et al. Encapsulation of municipal solid waste incineration residues into coal fly ash rock matrix In: Journal of Environmental Protection and Ecology Vol. 17, no. 3 (2016), p. 1037-1047 ISSN: 1311-5065

2017 [3] KNEŽEVIĆ, Dinko N. et al. Evolution of coal ash solidification properties with disposal site depth and age, "Gacko" thermal power plant case In: Tehnika Vol. 72, no. 2 (2017), p. 195-202 ISSN: 0040-2176

2018 [1] HUANG, Tao et al. Ultrasound-enhanced electrokinetic remediation for removal of Zn, Pb, Cu and Cd in municipal solid waste incineration fly ashes In: Waste Management Vol. 75 (2018), p.

226-235 ISSN: 0956-053X

2018 [1] HUANG, T. et al. Operating optimization for the heavy metal removal from the municipal solid waste incineration fly ashes in the three-dimensional electrokinetics In: *Chemosphere* Vol. 204 (2018), p. 294-302 ISSN: 0045-6535

2018 [1] HAO, Yu et al. Stabilization/solidification of Cd, Pb and Zn in municipal solid waste incineration (MSWI) fly ash with chelating agent and cement In: *Chinese Journal of Environmental Engineering* Vol. 12, no. 8 (2018), p. 2357-2362 ISSN: 1673-9108

2018 [1] HUANG, T. et al. Graphite particle electrodes that enhance the detoxification of municipal solid waste incineration fly ashes in a three-dimensional electrokinetic platform and its mechanisms In: *Environmental Pollution* Vol. 243 (2018), p. 929-939 ISSN: 0269-7491

2016 [3] MIŠKUFOVÁ, Andrea et al. Problems with Solidification of Fly Ashes from the Municipal Solid Waste Incineration In: *Applied Mechanics and Materials : Engineering for Environment Protection : Senec, 23-25 June, 2016* Vol. 832 (2016), p. 31-38 ISSN: 1662-7482 ISBN: 978-3-0357-1015-1

2019 [1] HUANG, Tao - ZHANG, Shuwen - LIU, Longfei Immobilization of trace heavy metals in the electrokinetics-processed municipal solid waste incineration fly ashes and its characterizations and mechanisms In: *Journal of Environmental Management* Vol. 232 (2019), p. 207-218 ISSN: 0301-4797

2020 [1] RASTEGARNIA, Ahmad et al. The effect of hydrated lime on the petrography and strength characteristics of Illite clay In: *Geomechanics and Engineering* Vol. 22, no. 2 (2020), p. 143-152 ISSN: 2005-307X

2020 [1] EBERT, Benjamin A.R. et al. Screening of untreated municipal solid waste incineration fly ash for use in cement-based materials: chemical and physical properties In: *SN Applied Sciences* Vol. 2, no. 5 (2020), art. no. 802 ISSN: 2523-3963

ADN003 [154313] **Development of Košice region by implementation of environmental projects in the field of water management - Case study** / Henrieta Pavolová, Adriana Csikósová, Tomáš Bakalár - 2014. In: *Ekologia Bratislava*. Roč. 33, č. 4 (2014), s. 380-390. - ISSN 1335-342X Spôsob prístupu: <http://www.scopus.com/record/display.url?eid=2-s2.0-84918532431&origin=resultslist&sort=plf-f&src=s&st1=bakalar+t&sid=6C20226706A9600E4A8FCC26A0B0E446.CnvicAmOODVwpVriSeqQ%3a20&sort=b&sdt=b&sl=22&s=AUTHOR-NAME%28bakalar+t%29&relpos=2&relpos=2&citeCnt=0&searchTerm=AUTHOR-NAME%28bakalar+t%29> [PAVOLOVÁ, Henrieta (34%) - CSIKÓSOVÁ, Adriana (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2016 [1] ŠLOSÁR, D., PUZDER, M. Alternative storage of ashes to reduce the impacts to the environment In: *18 International Coal Preparation Congress : Saint-Petersburg, 28 June-1 July, 2016* P. 667-671 ISBN: 978-331940943-6

2018 [1] ADAMIŠIN, P. et al. Managerial approaches of environmental projects: An empirical study In: *Polish Journal of Management Studies* Vol. 17, no. 1 (2018), p. 27-38 ISSN: 2081-7452

ADN004 [166604] **Utilization of geothermal energy in Slovakia** / Henrieta Pavolová, Katarína Čulková, Tomáš Bakalár - 2015. In: *Acta Montanistica Slovaca*. Roč. 20, č. 4 (2015), s. 326-333. - ISSN 1335-1788 Spôsob prístupu: <http://actamont.tuke.sk/pdf/2015/n4/9pavolova.pdf> [PAVOLOVÁ, Henrieta (34%) - ČULKOVÁ, Katarína (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2016 [2] 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

2017 [1] HARLEY, T.L., WESTAWAY, R., MCCAY, A.T. Gamma-ray spectrometry in the field:

Radioactive heat production in the Central Slovakian Volcanic Zone In: Journal of Volcanology and Geothermal Research Vol. 338 (2017), p. 1-24 ISSN: 0377-0273

2016 [1] DOMARACKA, Lucia et al. Possibilities of effective using gold bearings by theirs recovery In: SGEM 2016 : 16th International Multidisciplinary Scientific Geoconference : Science and Technologies in Geology, Exploration and Mining : Vol. 2 : Albená, 30 Jun-06 Jul, 2016 P. 665-671 ISBN: 978-619-7105-56-8

2017 [1] TOMETZOVÁ, D., HLAVNŔOVÁ, B. The interactive videotour and its use for geotourism development of forgotten artificial water reservoirs in selected mining area In: SGEM 2017 : 17th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Vol. 17 : no. 51 : Albená, 29 June-5 July, 2017 P. 967-972 ISBN: 978-619-7408-08-9

2017 [1] L'ŔCH, B. et al. Impact of water quality on water based activities in hornád river basin In: SGEM 2017 : 17 th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Vol. 17 : no. 52 : Albená, 29 June-5 July, 2017 P. 507-514 ISBN: 978-619-7408-09-9

2018 [1] KOŠČO, Ján et al. Energetic potential of geothermal well gth-1 in the tourist area of Zemplínska Šírava In: SGEM 2018 : 18-th International multidisciplinary scientific geoconference : Albená, 2-8 July, 2018 Vol. 18, no. 3.1 (2018), p. 259-266 ISSN: 1314-2704 ISBN: 978-619-7408-39-3

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách(8)

AEC003 [67013] **Vzájomná interakcia ťažkých kovov pri adsorpcii na vybrané adsorbenty / Tomáš Bakalár, Milan Búgel, Ján Vereš - 2007.**In: CHISA 2007. - Praha : ČSCHI, 2007 11 p. - ISBN 8086059472

[BAKALÁR, Tomáš (34%) - BÚGEL, Milan (33%) - VEREŠ, Ján (33%)]

Ohlasy:

2009 [3] JANOŠKOVÁ, K., MÜLLER, G.: Rovnováha adsorpcie vybraných ťažkých kovov na bentonite. In: CHISA 2009 : 56. konferencie chemického a procesného inžénrství : 19. - 22. října 2009, Srní, Šumava [CD-ROM]. Praha : ČSCHI, 2009. [P. 1-9.] ISBN 978-80-86059-51-8.

AEC005 [91941] **Removal of nickel by natural and magnetically modified bentonite / J. Vereš ... [et al.] - 2010.**In: Water Treatment Technologies for the Removal of High-Toxicity Pollutants : NATO Science for Peace and Security Series - C: Environmental Security. - Dordrecht : Springer, 2010 P. 289-294. - ISBN 978-90-481-3496-0 - ISSN 1874-6519

[VEREŠ, Ján (20%) - OROLÍNOVÁ, Zuzana (20%) - MOCKOVČIAKOVÁ, Annamária (20%) - JAKABSKÝ, Štefan (20%) - BAKALÁR, Tomáš (20%)]

Ohlasy:

2011 [1] GALAMBOS, Michal et al. Utilization of Slovak bentonites in deposition of high-level radioactive waste and spent nuclear fuel In: Journal of Radioanalytical and Nuclear Chemistry Vol. 288, no. 3 (2011), p. 765-777 ISSN: 0236-5731

2012 [1] GALAMBOS, M., SUCHANEK, P., ROSSKOPFOVA, O. Sorption of anthropogenic radionuclides on natural and synthetic inorganic sorbents In: Journal of radioanalytical and nuclear chemistry Vol. 293, no. 2 (2012), p. 613-633 ISSN: 0236-5731

2014 [1] HASHEMIAN, S., SAFFARI, H., RAGABION, S. Adsorption of cobalt(II) from aqueous solutions by Fe₃O₄/bentonite nanocomposite In: Water, Air, and Soil Pollution Vol. 226, no. 1 (2014) ISSN: 0049-6979

2015 [1] KRAJNAK, A. et al. Adsorption of nickel on rhyolitic Slovak bentonites In: Journal of Radioanalytical and Nuclear Chemistry Vol. 304, no. 2 (2015), p. 587-593 ISSN: 0236-5731

2016 [1] ROSSKOPFOVÁ, O. et al. Adsorption of nickel on illite/smectite Dolná Ves In: Journal of Radioanalytical and Nuclear Chemistry Vol. 307, no. 1 (2016), p. 179-185 ISSN: 0236-5731

2015 [1] PIVARČIOVÁ, L. et al. Adsorption of nickel on andesitic bentonite Lieskovec In: Journal of Radioanalytical and Nuclear Chemistry Vol. 304, no. 2 (2016), p. 851-858 ISSN: 0236-5731

2019 [1] BANANEZHAD, Behjat et al. Bentonite clay as an efficient substrate for the synthesis of the super stable and recoverable magnetic nanocomposite of palladium (Fe₃O₄/Bentonite-Pd) In: Polyhedron Vol. 162 (2019), p. 192-200 ISSN: 0277-5387

AFC - Publikované príspevky na zahraničných vedeckých konferenciách(39)

AFC003 [34085] **Hybrid adsorption and microfiltration process for removal of metals from aqueous solutions** / Tomáš Bakalár, Štefan Schlosser, Milan Búgel - 2004. In: CHISA 2004 : 16. International congress : 22.-26.8.2004, Prague. - Prague : Czech Society of Chemical Engineering, 2004 P. 1-15. - ISBN 8086059405 Spôsob prístupu: <http://www.chisa.cz>.

[BAKALÁR, Tomáš (34%) - SCHLOSSER, Štefan (33%) - BÜGEL, Milan (33%)]

Ohlasy:

2007 [4] KUZEVIČ, Š., PAVOLOVÁ, H.: Ochrana životného prostredia. Košice : Rastislav Mantič - WILLCOM 2007. 124 s. ISBN 978-80-8073-739-9.

2009 [1] AYDINER, C. et al.: Nickel removal from waters using a surfactant-enhanced hybrid powdered activated carbon/microfiltration process. 2. The influence of process variables. In: Industrial engineering chemistry research. Vol. 48, no. 2 (2009), p. 903-913. ISSN 0888-5885.

2009 [1] BASAR, C.A., AYDINER, C., KARA, S.: Removal of copper ions from waters using surfactant-enhanced hybrid PAC/MF process. In: Journal of Environmental Engineering-ASCE. Vol. 135, no. 4 (2009), p. 250-258. ISSN 0733-9372.

2009 [1] BLAHUŠIAK, M.: Microfiltration of microparticulate boron adsorbent suspensions in submerged hollow fibre and capillary modules. In: Desalination. Vol. 241, no. 1-3 (2009), p. 138-147. ISSN 0011-9164.

2009 [1] ONDERKOVÁ, B.: Microfiltration of suspensions of microparticulate boron adsorbent through a ceramic membrane. In: Desalination. Vol. 241, no. 1-3 (2009), p. 148-155. ISSN 0011-9164.

2009 [1] BLAHUŠIAK, M.: Simulation of the adsorption-microfiltration process for boron removal from RO permeate. In: Desalination. Vol. 241, no. 1-3 (2009), p. 156-166. ISSN 0011-9164.

2007 [4] KUZEVIČ, Štefan - PAVOLOVÁ, Henrieta - KYNCL, Miroslav: Ochrana životného prostredia. Košice . TU, 2007. 168 s. [CD-ROM]. ISBN 978-80-8073-933-1.

AFC007 [39176] **Use of sometypes of waste for production of cement clinker** / Martin Sisol, Ivana Kozáková, Tomáš Bakalár - 2005. In: 9th Conference on Environment and Mineral Processing. - Ostrava : VŠB-TU, 2005 P. 323-328. - ISBN 8024807866

[SISOL, Martin (33%) - KOZÁKOVÁ, Ivana (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2006 [3] BELANSKÁ, Halina: Zúžitkovanie popolov z tepelných elektrární. In: Recyklace odpadů X. Ostrava : VŠB-TU, 2006. ISBN 80-248-1214-2, p. 39-44.

2007 [4] BOČKOROVÁ, Petra - MIHÁLY, Branislav: Vlastnosti popolov z energetických zariadení a ich využitie. In: Ochrana ovzdušia 2007. KONGRES management, 2007. P. 187-190. ISBN 978-80-89275-08-3.

2007 [3] BLÁHA, Vladimír - PETÍKOVÁ, Iveta - HANULIAK, Ján: Technológie zhodnocovania popolčekov s vyšším obsahom straty žíhaním. In: Recyklace odpadů 11 - 1. Ostrava, VŠB, 2007. P. 133-136. ISBN 978-80-248-1597-8.

2007 [4] MICHALÍKOVÁ, F.: Possibility of reclaiming of Iron as Utility Component from Fluid Fly Ashes. In: Proceedings of Technology Systems Operation. Prešov: FVT TU, 2007. S.327-329. ISBN 978-80-8073-900-3.

2007 [4] BENKOVÁ, M., FLOREKOVÁ, L., MICHALÍKOVÁ, F.: Separation of utility component iron from energetical wastes fluid fly ashes. In: Proceedings of Technology Systems Operation. Prešov: FVT TU, 2007. S. 272-275. ISBN 978-80-8073-900-3.

2007 [4] MICHALÍKOVÁ, F., FLOREKOVÁ, L., STEHLÍKOVÁ, B.: Project of behaviour of wastes producents from thermal energetical powers from point of view on environmental quality. In: Proceedings of Technology Systems Operation. Prešov : FVT TU, 2007. S. 331-335. ISBN 978-80-8073-900-3.

AFC023 [115140] **Impact of gas extraction from coal deposits on the environment** / Erika Skvarekova, Tomas Bakalar - 2011. - 1 elektronický optický disk (CD-ROM).In: SGEM 2011 : 11th International Multidisciplinary Scientific GeoConference : conference proceedings : Volume 1 : 20-25 June, 2011, Bulgaria, Albena. - Sofia : STEF92 Technology Ltd., 2011 P. 795-800. - ISSN 1314-2704 [ŠKVAREKOVÁ, Erika (50%) - BAKALÁR, Tomáš (50%)]

Ohlasy:

2013 [1] DOLÍNKOVA, K. et al. Protection of environment during escaping of methane from abandoned mines in Czech Republic In: 12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection : SGEM 2012 : 17-23 June 2013, Varna Vol. 1 (2013), p. 749-756

2016 [1] ČULKOVÁ, K. et al. Influence of investment to the living environment protection to the economy of the company In: SGEM 2016 : 16th International Miltidisciplinary Scientific GeoConference : Ecology, Economics, Education and Legislation : Albena, 30 June-6 July, 2016 P. 297-304 ISSN: 1314-2704 ISBN: 978-6197-10557-5

2017 [2] LACKO, R., HAJDUOVÁ, Z., PAVOLOVÁ, H. Efficiency of mining and quarrying industry of V4 countries: the impact of investments and selected indicators In: Acta Montanistica Slovaca Roč. 22, č. 2 (2017), s. 136-145 ISSN: 1335-1788

AFC024 [117888] **Increase of Alternative and Renewable Energy Sources Utilization in Slovakia by 2020 in Comparison to other Selected EU Countries** / Henrieta Pavolová, Andrea Seňová, Tomáš Bakalár - 2012.In: Applied Mechanics and Materials : Mechanical Engineering and Materials : International Conference on Mechanical Engineering and Materials (ICMEM 2012). - Zurich : Trans Tech Publications, 2012 Vol. 152-154 (2012), p. 495-500. - ISBN 978-3-03785-352-8 - ISSN 1660-9336 Spôsob prístupu: <http://www.scientific.net/AMM.152-154.495>.

[PAVOLOVÁ, Henrieta (34%) - SEŇOVÁ, Andrea (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2012 [2] HLAVNŇOVÁ, Barbara, SVITEKOVÁ, Milena, ŠIMONIDESOVÁ, Jana Analysis of the energy mix of Slovakia in the context of improvement of quality of the environment In: Komunikacie Roč. 14, č. 4A (2012), s. 68-72 ISSN: 1335-4205

2012 [2] CSIKÓSOVÁ, A., ANTOŠOVÁ, M., ČULKOVÁ, K. Marketing of renewable energy sources in the region In: Acta Montanistica Slovaca Roč. 17, č. 4 (2012), s. 315-321 ISSN: 1335-1788

2013 [1] CSIKÓSOVÁ, A., ANTOŠOVÁ, M., ČULKOVÁ, K. Development of small hydroelectric plants in Slovakia In: 12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection : SGEM 2012 : 17-23 June 2013, Varna Vol. 3 (2013), p. 619-624

2014 [1] CSIKÓSOVÁ, A., ANTOŠOVÁ, M., ČULKOVÁ, K. Economical evaluation of photovoltaic power plants - Case study Slovakia In: Advanced Materials Research Vol. 869-870 (2014), p. 475-478 ISSN: 1022-6680

2014 [1] ANTOŠOVÁ, Mária - CSIKÓSOVÁ, Adriana Social behavior of companies in Slovakia and their support by European Union In: Business, economics and management : 2nd world conference on business, economics and management : Procedia Social and Behavioral Sciences : vol. 109 : Antalya, April 25-28, 2013 P. 307-311 ISSN: 1877-0428

2014 [1] HLAVŇOVÁ, Barbara, PAVOL, Milan, SABO, Štefan Support of development of regional tourism in Slovakia In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 649-656 ISSN: 1314-2704

2014 [1] SABO, Štefan, MIHALOVÁ, Lucia, BOCAN, Jozef et al. Effect of point sources of water pollution on the quality of water bodies in Trebisov region In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 237-242 ISSN: 1314-2704

2017 [1] TUDOŠ, D. et al. Support measures strategy and renewable energy sources funding opportunities in selected eu countries until 2020 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. 823-830 ISBN: 978-619-7408-10-2

2018 [1] KOŠČO, Ján et al. Energetic potential of geothermal well gth-1 in the tourist area of Zemplínska Šírava In: SGEM 2018 : 18th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : volume 18 : issue 3.1 : Albena, 2-8 July, 2018 P. 259-266 ISSN: 1314-2704 ISBN: 978-619-7408-42-3

AFC025 [124313] **Internet communication in the process of education at universities** / Mária Zeleňáková, Henrieta Pavolová, Tomáš Bakalár - 2012. In: Procedia - Social and Behavioral Sciences : WCES 2012 : 4th World Conference on Educational Sciences : 2-5 February 2012, Barcelona. - Netherland : Elsevier, 2012 Vol. 46 (2012), p. 2711-2715. - ISSN 1877-0428 Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S1877042812016813>.

[ZELEŇÁKOVÁ, Mária (34%) - PAVOLOVÁ, Henrieta (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2012 [3] UMA MAHESWARI, P., ARULCHELVAN, S. Usage of ICT among the Students and Teachers and its Impact on their Communication Behaviour In: European Journal of Social Sciences Vol. 36, no. 2 (2012), p. 160-170 ISSN: 1450-2267

2013 [1] HOROVCAK, P., STEHLIKOVA, B. The use of SOA in the development of complex web applications In: SGEM 2013 : 13th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, June 16-22, 2013 P. 265-272 ISSN: 1314-2704

2013 [1] SIMONIDESOVÁ, Jana - HLAVŇOVÁ, Barbara The Use of Internet Communication Forms and Their Quality in the Educational Process in Higher Education In: Proceedings of the 2013 International Academic Workshop on Social Science (IAW-SC 2013) : Advances in Intelligent Systems Research : Changsha, Hunan, China Vol. 50 (2013), p. 786-788 ISSN: 1951-6851 ISBN: 978-90-78677-84-0

2014 [1] SANDOVAL-ALMAZAN, Rodrigo et al. Social media effect inside university communication: a Mexican case In: ICETC2014 : The International Conference on Education Technologies and Computers : September 22-24, 2014, Lodz, Poland P. 110-114 ISBN: 978-1-4799-6248-8

2015 [3] EBADI, S., SHOKOUFEH V.L. A Critical Functional Approach to Educational Discourses of Students and Professors over the Internet Context In: Journal of English Language Teaching and Learning Vol. 7, no. 16 (2016), p. 15-36 ISSN: 2251-7995

2016 [1] OLOJEDE, Joy C. Perception and attitudinal behavior of lecturers' in the use of information and communication technology tools in teaching/learning in Michael Okpara University of Agriculture Umudike In: Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 16, no. 3 (2016), p. 207-210 ISSN: 2284-7995

2014 [3] AMANZE, Ruth C. - KUYORO, Shade O. ICT and students' learning effectiveness In: ICACSET 2014 : Proceedings of 1st International Conference on Advanced Computerised Systems and Emerging Technologies : VOL. 1 : Ilishan Remo, 30 November-3 December, 2014 P. 179-182

2017 [1] MOLOKAC, M. et al. Virtual Mine - educational model for Wider Society In: ICETA 2017 : 15th IEEE International Conference on Emergencing Elearning Technologies and Applications : Slovakia, 26-27 October, 2017 P. 307-311 ISBN: 978-1-5386-3296-3

2018 [3] VIKHROVA, O.Yu. Characteristics of generation Z : related to learning process in higher education In: Information age : journalism of the 21 century: in the coordinates of historical time : papers for the conference at the International scientific-cultural forum Phylosophy Days : St Petersburg, October 27-28, 2017 P. 165-173 ISSN: 2306-417X

2017 [4] ZRAKOVÁ, Diana et al. Reputation management using online and offline communicaton tools In: Marketing Identity: Online rules - part I. : Conference Proceedings from International Scientific Conference „Marketing Identity 2017“ : Smolenice, 7-8 November, 2017 P. 277-291 ISSN: 1339-5726 ISBN: 978-80-8105-917-9

AFC026 [127244] **The Use of Renewable Sources of Energy in the Development Process of a Slovak Municipality** / Henrieta Pavolová, Tomáš Bakalár, Milan Búgel - 2012.In: Applied Mechanics and Materials : The 2012 International Conference on Civil, Architectural and Hydraulic Engineering (ICCAHE 2012). - Zurich : Trans Tech Publications, 2012 Vol. 209-211 (2012), p. 1715-1718. - ISBN 978-3-03785-485-3 - ISSN 1660-9336 Spôsob prístupu: [DOI: 10.4028/www.scientific.net/AMM.209-211.1715](https://doi.org/10.4028/www.scientific.net/AMM.209-211.1715).

[PAVOLOVÁ, Henrieta (34%) - BAKALÁR, Tomáš (33%) - BÚGEL, Milan (33%)]

Ohlasy:

2014 [1] HLAVNŔOVÁ, Barbara, PAVOL, Milan, SABO, Štefan Support of development of regional tourism in Slovakia In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 649-656 ISSN: 1314-2704

2020 [1] SIVAK, Peter et al. Analysis of the Combined Ice Storage (PCM) Heating System Installation with Special Kind of Solar Absorber in an Older House In: Energies Vol. 13, no. 15 (2020), art. no. 3878 ISSN: 1996-1073

AFC027 [127245] **Brownfields as a Tool for Support of Regional Development of Slovakia** / Henrieta Pavolová, Adriana Csikósová, Tomáš Bakalár - 2012.In: Applied Mechanics and Materials : The 2012 International Conference on Civil, Architectural and Hydraulic Engineering (ICCAHE 2012). - Zurich : Trans Tech Publications, 2012 Vol. 209-211 (2012), p. 1679-1683. - ISBN 978-3-03785-485-3 - ISSN 1660-9336 Spôsob prístupu: [DOI: 10.4028/www.scientific.net/AMM.209-211.1679](https://doi.org/10.4028/www.scientific.net/AMM.209-211.1679).

[PAVOLOVÁ, Henrieta (34%) - CSIKÓSOVÁ, Adriana (33%) - BAKALÁR, Tomáš (33%)]

Ohlasy:

2013 [3] ČULKOVÁ, Katarína, TEPLICKÁ, Katarína Contribution of foreign direct investment for the region development In: Annals of the „Constantin Brâncuși“ University of Târgu Jiu - Serie Economy No. 1 (2013), p. 19-27 ISSN: 1844-7007

2013 [4] SVITEKOVÁ, Milena, HLAVNŔOVÁ, Barbara, MACH, Martin Brownfieldy – skrytý potenciál regionálneho rozvoja SR In: Rozvoj euroregiónu Beskydy 7 : Žilina, 28. február 2013 S. 90-96 ISBN: 978-80-554-0768-5

2013 [1] TEPLICKA, Katarina, ČULKOVÁ, Katarina, ANTOŠOVÁ, Mária Advantages and disadvantages of environmental management system and emas for mining corporations In: SGEM 2013 : Scientific Geoconference : Ecology, economics, education and legislation: Albena, Bulgaria P. 19-26 ISBN: 978-619-7105-05-06

2013 [1] CEHLÁR, Michal, ANTOŠOVÁ, Mária, SEŇOVÁ, Andrea Financing options for revitalizing of brownfields in Slovakia In: SGEM 2013 : Scientific Geoconference : Ecology, economics, education and legislation: Albena, Bulgaria P. 161-168 ISBN: 978-619-7105-05-06

2013 [4] PAVOL, Milan, TUTKO, Róbert Možnosti financovania revitalizácie brownfieldov po ťažbe a spracovaní nerastných surovín v SR In: Vedecký seminár doktorandov 2013 S. 93-98 ISBN: 978-80-553-1526-3

2014 [1] ŠOFRANKO, Marián Methodology of risk analysis of endogenous fire in coal mines In: Advanced Materials Research Vol. 962-965 (2014), p. 1153-1157 ISSN: 1662-8985

2013 [1] HLAVNŔOVÁ, Barbara, KRŠÁK, Branislav Financing of Brownfields in Geotouristic Destinations in Slovakia In: ICMIBI 2013 : 2013 Internacional Conference on Management Innovation and Business Innovation : April 21-22, 2013, Singapore : Lecture Notes in Management Science P. 235-239 ISSN: 2251-3051 ISBN: 978-981-07-5034-3

2014 [1] SABO, Štefan, MIHALOVÁ, Lucia, BOCAN, Jozef et al. Effect of point sources of water pollution on the quality of water bodies in Trebisov region In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 237-242 ISSN: 1314-2704

2014 [1] HLAVNŔOVÁ, Barbara, PAVOL, Milan, SABO, Štefan Support of development of regional tourism in Slovakia In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 649-656 ISSN: 1314-2704

2014 [1] KOZÁKOVÁ, Ľubica, ZELENŔÁK, Miroslav, ZELENŔÁK, Fridrich Evaluation of selected characteristics of the environmental load Slovinky In: SGEM 2014 : International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, Bulgaria, 17-26 June 2014 Vol. 2, no. 5 (2014), p. 267-272 ISSN: 1314-2704

2019 [1] ŠIMKOVÁ, Z. et al. Assessment of socio-economic impacts of zeolite mining to regional development - Case study In: E3S Web of Conferences : IIMS 2019 volume 105: 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04009 ISSN: 2550-0403

2019 [1] ŠIMKOVÁ, Z. et al. Possibilities of using brownfields after mining and processing of mineral resources in Slovakia In: E3S Web of Conferences : IIMS 2019 volume 105: 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 02023 ISSN: 2555-0403

2019 [1] OCILKOVÁ, J., OCILKA, M., CVOLIGA, M. Application of SWOT analysis of exploitation of mineral resources for defining the strategy of support of sustainable development of the Slovak Republic In: E3S Web of Conferences : IIMS 2019 volume 105: 14th International Innovative Mining Symposium : Kemerovo, 14-16 October, 2019 Art. no. 04027 ISSN: 2555-0403

AFC028 [140250] Influence of inner configuration of membrane on microfiltration of suspensions / Tomáš Bakalár ... [et al.] - 2013.In: Advanced Materials Research : CEAM 2013 : 3rd International Conference on Chemical Engineering and Advanced Materials : 6. - 7. July 2013. Vol. 781-788 (2013), p. 2305-2310. - ISBN 978-303785813-4 - ISSN 1022-6680 [BAKALÁR, Tomáš (50%) - BÚGEL, Milan (23%) - PAVOLOVÁ, Henrieta (23%) - MÜLLER, Gabriel (4%)]

Ohlasy:

2020 [1] RAJI, Yusuf Olabode et al. Fabrication of magnesium bentonite hollow fibre ceramic membrane for oil-water separation In: Arabian Journal of Chemistry Vol. 13, no. 7 (2020), p. 5996-6008 ISSN: 1878-5352

AFC032 [149542] Marketing Strategy of Building Stones Mining Industry in Slovakia / Barbara Hlavňová ... [et al.] - 2014.In: SGEM 2014 : 14th international multidisciplinary scientific geoconference : GeoConference on Ecology, Economics, Education and Legislation : conference proceedings : volume 3 : 17-26, June, 2014, Albena, Bulgaria. - Sofia : STEF92 Technology, 2014 P. 261-267. - ISBN 978-619-7105-19-3 - ISSN 1314-2704 [HLAVNŔOVÁ, Barbara (30%) - PAVOLOVÁ, Henrieta (30%) - BAKALÁR, Tomáš (30%) - PAVOL, Milan (10%)]

Ohlasy:

2016 [1] MUCHOVÁ, M. et al. Economic of non-metallic materials in the slovak republic in the european context In: Production Management and Engineering Sciences : International Conference

on Engineering Science and Production Management : ESPM 2015 : 16-17 apríl 2015, Tatranska Strba, Slovakia P. 491-496 ISBN: 978-113802856-2

AFD - Publikované príspevky na domácich vedeckých konferenciách(14)

AFD001 [34032] **Adsorption isotherms and kinetics of sorption of copper from aqueous solutions on microparticles of polymeric ion-exchangers** / Tomáš Bakalár, Štefan Schlosser, Milan Búgel - 2003.In: Proceedings of 30th International Conference of Slovak Society of Chemical Engineering. - Bratislava : Slovak Society of Chemical Engineering, 2003 S. 1-9. - ISBN 8022718890 [BAKALÁR, Tomáš (34%) - SCHLOSSER, Štefan (33%) - BÚGEL, Milan (33%)]

Ohlasy:

2007 [4] PAVOLOVÁ, H., KYSEL'OVÁ, K.: A comparison of copper and zinc removal from wastewater using selected sorbents. In: Transactions of the Universities of Košice. Č. 1 (2007), s. 39-44. ISSN 1335-2334.

AFD005 [77658] **Sorpčné vlastnosti čiernouhoľného popolčeka z výtavných kotlov** / Tomáš Bakalár ... [et al.] - 2008.In: Situácia v ekologicky zaťažených regiónoch Slovenska a Strednej Európy. - Košice : Slovenská banícka spoločnosť ZSVTS, 2008 S. 67-72. - ISBN 9788097003401 [BAKALÁR, Tomáš (25%) - MICHALÍKOVÁ, Františka (25%) - SISOL, Martin (25%) - KOZÁKOVÁ, Ivana (25%)]

Ohlasy:

2012 [4] STEHLÍKOVÁ, Beáta, PRAŠČÁKOVÁ, Mária Tuhé odpady zo spaľovania uhlia v tepelných elektrárnach a možnosti ich zhodnocovania In: Odpady Roč. 12, č. 3 (2012), s. 9-13 ISSN: 1335-7808

2011 [1] ŠKVAREKOVÁ, Erika, KOZÁKOVÁ, Ľubica, ČULKOVÁ, Katarína Problems of the contamination from sedimentary rock environment PAH during underground coal gasification In: SGEM 2011 : 11th International Multidisciplinary Scientific GeoConference : Albena, Bulgaria P. 885-892 ISSN: 1314-2704

AFD009 [175368] **Elimination of heavy metals from the material of sludge bed Slovinky** / Ľubica Kozáková ... [et al.] - 2016.In: Solid State Phenomena 244 : Particulate Solids in Science, Industry and Environment. - Switzerland : TTP, 2016 S. 228-233. - ISBN 978-3-03835-632-5 - ISSN 1662-9779

[KOZÁKOVÁ, Ľubica (25%) - ZELENĀK, Miroslav (25%) - BAKALÁR, Tomáš (25%) - ZELENĀK, Fridrich (25%)]

Ohlasy:

2017 [1] L'OCH, B. et al. Impact of water quality on water based activities in hornád river basin In: SGEM 2017 : 17th International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management : Albena, 29 June-5 July, 2017 Vol. 17, no. 52 (2017), p. 507-514 ISSN: 1314-2704

AFH - Abstrakty príspevkov z domácich konferencií(10)

AFH005 [160439] **Removal of heavy metals from waste water using a hybrid membrane process** / Štefan Sabo ... [et al.] - 2015.In: Geology, Geophysics and Environment. Vol. 41, no. 1 (2015), p. 130-131. - ISSN 2353-0790 Spôsob prístupu:

<https://journals.agh.edu.pl/geol/issue/view/209/showToc>.

[SABO, Štefan (35%) - BAKALÁR, Tomáš (30%) - BÚGEL, Milan (5%) - PAVOLOVÁ, Henrieta (30%)]

Ohlasy:

2018 [1] KHULBE, K.C., MATSUURA, T. Removal of heavy metals and pollutants by membrane adsorption techniques In: Applied Water Science Vol. 8, no. 1 (2018), article no. UNSP 19 ISSN: 2190-5495

BAB - Odborné monografie vydané v domácich vydavateľstvách(1)

BAB001 [113469] **Revitalizácia a rekultivácia** / Tomáš Bakalár, Henrieta Pavolová - Košice : TU, F

BERG - 2011. - 188 s.. - ISBN 978-80-553-0739-8.
[BAKALÁR, Tomáš (50%) - PAVOLOVÁ, Henrieta (50%)]
Ohlasy:

2013 [4] SVITEKOVÁ, Milena, HLAVNŇOVÁ, Barbara, MACH, Martin Brownfieldy – skrytý potenciál regionálneho rozvoja SR In: Rozvoj euroregiónu Beskydy 7 : Žilina, 28. február 2013 S. 90-96 ISBN: 978-80-554-0768-5

2013 [4] PAVOL, Milan, TUTKO, Róbert Možnosti financovania revitalizácie brownfieldov po ťažbe a spracovaní nerastných surovín v SR In: Vedecký seminár doktorandov 2013 : Ekonomika zemských zdrojov a Využívanie a ochrana zemských zdrojov : 25. október 2013, Košice S. 93-98 ISBN: 978-80-553-1526-3

DAI - Dizertačné a habilitačné práce(2)

DAI001 [50332] **Využitie membránových procesov pri odstraňovaní kovov z technologických roztokov** dizertačná práca/ Tomáš Bakalár ; školiteľ Milan Búgel - Košice, : - 2005. - 111 s.
[BAKALÁR, Tomáš (100%) - BÚGEL, Milan]
Ohlasy:

2007 [4] KUZEVIČ, Š., PAVOLOVÁ, H.: Ochrana životného prostredia. Košice : Rastislav Mantič - WILLCOM 2007. 124 s. ISBN 978-80-8073-739-9.

2007 [4] KUZEVIČ, Štefan - PAVOLOVÁ, Henrieta - KYNCL, Miroslav: Ochrana životného prostredia. Košice : TU, 2007. 142 s. [CD-ROM]. ISBN 978-80-8073-933-1.

CITÁCIE V DATABÁZE WOS**[MODEL OF SUSTAINABLE REGIONAL DEVELOPMENT WITH IMPLEMENTATION OF BROWNFIELD AREAS](#)**

By: [Pavolova, Henrieta](#); [Bakalar, Tomas](#); [Emhemed, Elsanosi Mohamed Abdelhafiez](#); et al.
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By: Hrivnak, M (Hrivnak, Michal); Melichova, K (Melichova, Katarina); Fazikova, M (Fazikova, Maria); Rohacikova, O (Rohacikova, Ol'ga)

Title: UNIVERSITY GRADUATES, KNOWLEDGE SPILL-OVERS AND LOCALIZATION OF KNOWLEDGE INTENSIVE VENTURES - CASE OF POST-SOCIALISTIC COUNTRY

Source: ENTREPRENEURSHIP AND SUSTAINABILITY ISSUES

Volume: 7

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Title: SUSTAINABLE TERRITORIAL DEVELOPMENT BASED ON THE EFFECTIVE USE OF RESOURCE POTENTIAL

Source: ENTREPRENEURSHIP AND SUSTAINABILITY ISSUES

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By: Androniceanu, A (Androniceanu, Armenia); Dobrin, C (Dobrin, Cosmin); Androniceanu, AM (Androniceanu, Ane-Mari)

Edited by: Soliman, KS (Soliman, KS)

Title: Main Vulnerabilities of the Romanian Economic Environment

Source: EDUCATION EXCELLENCE AND INNOVATION MANAGEMENT THROUGH VISION 2020

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Conference Title: 33rd International-Business-Information-Management-Association (IBIMA) Conference

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[Environmental and economic assessment of rainwater application in households](#)

By: [Pavolova, Henrieta](#); [Bakalar, Tomas](#); [Kudelas, Dusan](#); et al.

JOURNAL OF CLEANER PRODUCTION Volume: 209 Pages: 1119-1125 Published: FEB 1 2019

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By: Xiao, P (Xiao, Ping); Xiao, F (Xiao, Feng); Liu, L (Liu, Liang); Zhao, YT (Zhao, Yuntao); Xiao, HY (Xiao, Hongyan)

Title: The purification of rainwater with nanofiltration membrane

Source: DESALINATION AND WATER TREATMENT

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Pages: 54-60

DOI: 10.5004/dwt.2020.25758

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By: Zhang, SH (Zhang, Shouhong); Jing, XE (Jing, Xueer); Yue, TJ (Yue, Tongjia); Wang, J (Wang, Jun)

Title: Performance assessment of rainwater harvesting systems: Influence of operating algorithm, length and temporal scale of rainfall time series

Source: JOURNAL OF CLEANER PRODUCTION

Volume: 253

Article Number: 120044

DOI: 10.1016/j.jclepro.2020.120044

Published: APR 20 2020

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By: Chiu, YR (Chiu, Yie-Ru); Aghaloo, K (Aghaloo, Kamaledin); Mohammadi, B (Mohammadi, Babak)

Title: Incorporating Rainwater Harvesting Systems in Iran's Potable Water-Saving Scheme by Using a GIS-Simulation Based Decision Support System

Source: WATER

Volume: 12

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Article Number: 752

DOI: 10.3390/w12030752

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Title: An assessment of atmospheric deposition of metals and the physico-chemical parameters of a rainwater harvesting system in Rio de Janeiro Brazil, by means of statistical multivariate analysis

Title: Avaliação da deposição atmosférica de metais e dos parâmetros físico-químicos de um sistema de captação de águas pluviais no Rio de Janeiro Brasil, por meio de uma análise estatística multivariada

Source: Revista Ambiente & Água

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DOI: 10.4136/ambi-agua.2522

Published: 2020

ISSN: 1980-993X

Accession Number: SCIELO:S1980-993X2020000400309

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By: Smets, V (Smets, Vincent); Verbeiren, B (Verbeiren, Boud); Hermy, M (Hermy, Martin); Somers, B (Somers, Ben)

Title: Urban Spatial Configuration and Functional Runoff Connectivity: Influence of Drainage Grid Density and Landscape Metrics

Source: WATER

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By: Severis, RM (Severis, Roni M.); da Silva, FA (da Silva, Flavia Arcari); Wahrlich, J (Wahrlich, Julia); Skoronski, E (Skoronski, Everton); Simioni, FJ (Simioni, Flavio J.)

Title: Economic analysis and risk-based assessment of the financial losses of domestic rainwater harvesting systems

Source: RESOURCES CONSERVATION AND RECYCLING

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Accession Number: WOS:000468712900020

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By: Thome, ACB (Thome, Ana C. B.); Santos, PG (Santos, Paula G.); Fisch, AG (Fisch, Adriano G.)

Title: Using rainwater in cooling towers: Design and performance analysis for a petrochemical company

Source: JOURNAL OF CLEANER PRODUCTION

Volume: 224

Pages: 275-283

DOI: 10.1016/j.jclepro.2019.03.249

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By: Zhang, SH (Zhang, Shouhong); Zhang, JJ (Zhang, Jianjun); Yue, TJ (Yue, Tongjia); Jing, XE (Jing, Xueer)

Title: Impacts of climate change on urban rainwater harvesting systems

Source: SCIENCE OF THE TOTAL ENVIRONMENT

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DOI: 10.1016/j.scitotenv.2019.02.135

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PubMed ID: 30772557

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By: Ghimire, SR (Ghimire, Santosh R.); Johnston, JM (Johnston, John M.)

Title: Sustainability assessment of agricultural rainwater harvesting: Evaluation of alternative crop types and irrigation practices

Source: PLOS ONE

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Article Number: e0216452

DOI: 10.1371/journal.pone.0216452

Published: MAY 10 2019

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PubMed ID: 31075147

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Edited by: Wang, Y (Wang, Y)

Title: Rich water flow, live water revitalizes the countryside--Rural water resources utilization design under the rural revitalization strategy

Source: 1ST INTERNATIONAL SYMPOSIUM ON WATER RESOURCE AND ENVIRONMENTAL MANAGEMENT (WREM 2018)

Book Series Title: E3S Web of Conferences

Volume: 81

Article Number: 01013

DOI: 10.1051/e3sconf/20198101013

Published: 2019

Conference Title: 1st International Symposium on Water Resource and Environmental Management (WREM)

Conference Date: NOV 28-30, 2018

Conference Location: Kunming, PEOPLES R CHINA

ISSN: 2267-1242

Accession Number: WOS:000471302000013

[APPLICATION OF ORGANIC WASTE FOR ADSORPTION OF Zn\(II\) AND Cd\(II\) IONS](#)

By: [Bakalar, Tomas](#); [Pavolova, Henrieta](#)

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By: Jahanban-Esfahlan, A (Jahanban-Esfahlan, Ali); Jahanban-Esfahlan, R (Jahanban-Esfahlan, Rana); Tabibiazar, M (Tabibiazar, Mahnaz); Roufegarinejad, L (Roufegarinejad, Leila); Amarowicz, R (Amarowicz, Ryszard)

Title: Recent advances in the use of walnut (*Juglans regia* L.) shell as a valuable plant-based bio-sorbent for the removal of hazardous materials

Source: RSC ADVANCES

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Published: FEB 17 2020

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Accession Number: WOS:000517310200034

[INFLUENCE OF ADDITIVES ON DECREASE OF TEMPERATURE OF SLAG FLOW FROM ENERGY COAL IN WET BOTTOM BOILER](#)

By: [Bakalar, T.](#); [Pavolova, H.](#); [Khouri, S.](#); et al.

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

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By: Junga, R (Junga, Robert); Pospolita, J (Pospolita, Janusz); Niemiec, P (Niemiec, Patrycja); Dudek, M (Dudek, Maciej)

Title: The assessment of the fuel additive impact on moving grate boiler efficiency

Source: JOURNAL OF THE ENERGY INSTITUTE

Volume: 92

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DOI: 10.1016/j.joei.2018.12.001

Published: DEC 2019

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Record 2 of 2

By: Sandorova, K (Sandorova, Klaudia); Horansky, K (Horansky, Karol)

Edited by: Gavurova, B (Gavurova, B); Soltes, M (Soltes, M)

Title: Economic assessment of nuclear waste disposal and energy generating

Source: CENTRAL EUROPEAN CONFERENCE IN FINANCE AND ECONOMICS (CEFE2017)

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Published: 2017

Conference Title: 2nd Central European Conference in Finance and Economics (CEFE)

Conference Date: SEP 20-21, 2017

Conference Location: Herlany, SLOVAKIA

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[Removal of Cu and Zn Ions from Solutions Using Sludge from Drinking Water Treatment](#)

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Title: Assessment of Socio-Economic Impacts of Zeolite Mining to Regional Development - Case Study

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM

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Conference Host: T F Gorbachev Kuzbass State Tech Univ

ISSN: 2267-1242

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[COMPARATIVE MODEL OF BROWNFIELDS AND GREENFIELDS USAGE FOR SUPPORT OF REGIONAL DEVELOPMENT](#)

By: [Bakalar, Tomas](#); [Puskarova, Petra](#); [Pavol, Milan](#); et al.

Conference: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016)

Location: Albena, BULGARIA Date: JUN 30-JUL 06, 2016

ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE

PROCEEDINGS, SGEM 2016, VOL I Book Series: International Multidisciplinary

Scientific GeoConference-SGEM Pages: 163-169 Published: 2016

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By: Hlavnova, B (Hlavnova, Barbara); Pavolova, H (Pavolova, Henrieta)

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Title: THE IMPACT OF TOURISM ON ENVIRONMENTAL QUALITY OF SELECTED DESTINATIONS

Source: TOPICAL ISSUES OF TOURISM: TOURISM AS A CROSSROADS OF KNOWLEDGE

Pages: 93-103

Published: 2017

Conference Title: 12th International Conference on Topical Issues of Tourism - Tourism as a Crossroads of Knowledge

Conference Date: FEB 22-23, 2017

Conference Location: Coll Polytechn Jihlava, Jihlava, CZECH REPUBLIC

Sponsor(s): Coll Polytechn Jihlava, Dept Travel & Tourism

Conference Host: Coll Polytechn Jihlava

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[METALLURGICAL BROWNFIELDS RE-USE IN THE CONDITIONS OF SLOVAKIA - A CASE STUDY](#)

By: [Khouri, S.](#); [Pavolova, H.](#); [Cehlar, M.](#); et al.

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

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

Source: ENERGIES

Volume: 13

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Record 2 of 9

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

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

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Article Number: 2450

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Published: MAY 2020

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Record 3 of 9

By: Kuzevic, S (Kuzevic, Stefan); Gergel'ova, MB (Gergel'ova, Marcela Bindzarova); Kuzevicova, Z (Kuzevicova, Zofia)

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

Title: Rational Use of Energy Raw Materials in the Context of Sustainable Development in the Slovak Republic

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM

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By: Simkova, Z (Simkova, Zuzana); Senova, A (Senova, Andrea); Divokova, A (Divokova, Adriana); Ocnasova, M (Ocnasova, Michaela); Varga, P (Varga, Peter)

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

Title: Possibilities of Using Brownfields After Mining and Processing of Mineral Resources in Slovakia

Source: IVTH INTERNATIONAL INNOVATIVE MINING SYMPOSIUM

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By: Vilamova, S (Vilamova, Sarka); Podlasova, A (Podlasova, Anezka); Piecha, M (Piecha, Marian); Janovska, K (Janovska, Kamila); Sikyr, P (Sikyr, Petr); Foltan, D (Foltan, Drahomir); Sanda, M (Sanda, Martin); Barinka, K (Barinka, Karel); Grosos, R (Grosos, Roland)

Title: The conditions for implementing a circular economy in the Czech Republic

Source: ACTA MONTANISTICA SLOVACA

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By: Horansky, K (Horansky, Karol); Sandorova, K (Sandorova, Klaudia)

Edited by: Gavurova, B (Gavurova, B); Soltes, M (Soltes, M)

Title: Technology eFusion and its market potential

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Record 8 of 9

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

Book Group Author(s): SGEM

Title: POSSIBILITIES OF EFFECTIVE USING GOLD BEARINGS BY THEIRS RECOVERY

Source: 16TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE, SGEM 2016: SCIENCE AND TECHNOLOGIES IN GEOLOGY, EXPLORATION AND MINING, VOL II

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By: Vilamova, S (Vilamova, Sarka); Piecha, M (Piecha, Marian)

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

Source: ACTA MONTANISTICA SLOVACA

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Pages: 139-145

Published: 2016

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[Utilization of geothermal energy in Slovakia](#)

By: [Pavolova, Henrieta](#); [Culkova, Katarina](#); [Bakalar, Tomas](#)

ACTA MONTANISTICA SLOVACA Volume: 20 Issue: 4 Pages: 326-333 Published: 2015

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By: Swierszcz, K (Swierszcz, Katarzyna); Grenda, B (Grenda, Bogdan); Szczurek, T (Szczurek, Tadeusz); Bin, C (Bin, Chen)

Edited by: Soliman, KS (Soliman, KS)

Title: The Importance of Geothermal Energy in Energy Security: Towards Counteracting Energy Poverty of Households

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By: Harley, TL (Harley, Thomas L.); Westaway, R (Westaway, Rob); McCay, AT (McCay, Alistair T.)

Title: Gamma-ray spectrometry in the field: Radioactive heat production in the Central Slovakian Volcanic Zone

Source: JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH

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

Book Group Author(s): SGEM

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By: Kosco, J (Kosco, Jan); Tausova, M (Tausova, Marcela); Taus, P (Taus, Peter); Jenó, M (Jenó, Matus)

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

Source: ACTA MONTANISTICA SLOVACA

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[DEVELOPMENT OF KOSICE REGION BY IMPLEMENTATION OF ENVIRONMENTAL PROJECTS IN THE FIELD OF WATER MANAGEMENT - CASE STUDY](#)

By: [Pavolova, Henrieta](#); [Csikosova, Adriana](#); [Bakalar, Tomas](#)

Ekologia (Bratislava) Volume: 33 Issue: 4 Pages: 380-390 Published: DEC 2014

Record 1 of 1

By: Tobisova, A (Tobisova, Alica); Senova, A (Senova, Andrea); Vajdova, I (Vajdova, Iveta)

Edited by: Gavurova, B (Gavurova, B); Soltes, M (Soltes, M)

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Accession Number: WOS:000402646500082

[MARKETING STRATEGY OF BUILDING STONES MINING INDUSTRY IN SLOVAKIA](#)

By: [Hlavnova, Barbara](#); [Pavolova, Henrieta](#); [Bakalar, Tomas](#); et al.

Conference: 14th International Multidisciplinary Scientific Geoconference (SGEM) Location: Albena, BULGARIA Date: JUN 17-26, 2014

GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2014, VOL III Book Series: International Multidisciplinary Scientific GeoConference-SGEM Pages: 261-267 Published: 2014

Record 1 of 1

By: Simkova, Z (Simkova, Zuzana); Cehlar, M (Cehlar, Michal); Pavolova, H (Pavolova, Henrieta)

Title: Strategy of point out relevance of responsible exploitation of mineral resources

Source: ACTA MONTANISTICA SLOVACA

Volume: 21

Issue: 3

Pages: 208-216

Published: 2016

ISSN: 1335-1788

Accession Number: WOS:000387790200005

[Influence of Inner Configuration of Membrane on Microfiltration of Suspensions](#)

By: [Bakalar, Tomas](#); [Bugel, Milan](#); [Pavolova, Henrieta](#); et al.

Conference: 3rd International Conference on Chemical Engineering and Advanced Materials (CEAM 2013) Location: Guangzhou, PEOPLES R CHINA Date: JUL 06-07, 2013

Sponsor(s): Guangdong Univ Technol; Guangdong Petrochem Res Inst; Guangzhou Univ ADVANCES IN CHEMICAL ENGINEERING III, PTS 1-4 Book Series: Advanced Materials Research Volume: 781-784 Pages: 2305 +- Published: 2013

Record 1 of 1

By: Raji, YO (Raji, Yusuf Olabode); Othman, MHD (Othman, Mohd Hafiz Dzarfan); Nordin, NAHSM (Nordin, Nik Abdul Hadi Sapiaa Md); Zhong, ST (Zhong ShengTai); Usman, J (Usman, Jamilu); Mamah, SC (Mamah, Stanley Chinedu); Ismail, AF (Ismail, Ahmad Fauzi); Rahman, MA (Rahman, Mukhlis A.); Jaafar, J (Jaafar, Juhana)

Title: Fabrication of magnesium bentonite hollow fibre ceramic membrane for oil-water separation

Source: ARABIAN JOURNAL OF CHEMISTRY

Volume: 13

Issue: 7

Pages: 5996-6008

DOI: 10.1016/j.arabjc.2020.05.001

Published: JUL 2020

ISSN: 1878-5352

eISSN: 1878-5379

Accession Number: WOS:000544904700006

[Solidification of MSWI fly-ash with regard to hazardous metals leaching](#)

By: [Kozakova, L'ubica](#); [Bakalar, Tomas](#); [Zelenak, Miroslav](#); et al.

ACTA MONTANISTICA SLOVACA Volume: 18 Issue: 2 Pages: 129-139 Published: 2013

Record 1 of 8

By: Rastegarnia, A (Rastegarnia, Ahmad); Alizadeh, SMS (Alizadeh, Seyed Mehdi Seyed); Esfahani, MK (Esfahani, Mohammad Khaleghi); Amini, O (Amini, Omid); Utyuzh, AS (Utyuzh, Anatolij Sergeevich)

Title: The effect of hydrated lime on the petrography and strength characteristics of Illite clay

Source: GEOMECHANICS AND ENGINEERING

Volume: 22

Issue: 2

Pages: 143-152

DOI: 10.12989/gae.2020.22.2.143

Published: JUL 25 2020

ISSN: 2005-307X

eISSN: 2092-6219

Accession Number: WOS:000546769800004

Record 2 of 8

By: Ebert, BAR (Ebert, Benjamin A. R.); Steenari, BM (Steenari, Britt-Marie); Geiker, MR (Geiker, Mette R.); Kirkelund, GM (Kirkelund, Gunvor M.)

Title: Screening of untreated municipal solid waste incineration fly ash for use in cement-based materials: chemical and physical properties

Source: SN APPLIED SCIENCES

Volume: 2

Issue: 5

Article Number: 802

DOI: 10.1007/s42452-020-2613-7

Published: MAY 2020

ISSN: 2523-3963

eISSN: 2523-3971

Accession Number: WOS:000532834300019

Record 3 of 8

By: Huang, T (Huang, Tao); Zhang, SW (Zhang, Shuwen); Liu, LF (Liu, Longfei)

Title: Immobilization of trace heavy metals in the electrokinetics-processed municipal solid waste incineration fly ashes and its characterizations and mechanisms

Source: JOURNAL OF ENVIRONMENTAL MANAGEMENT

Volume: 232

Pages: 207-218

DOI: 10.1016/j.jenvman.2018.11.051

Published: FEB 15 2019

ISSN: 0301-4797

eISSN: 1095-8630

Accession Number: WOS:000459845200023

PubMed ID: 30472564

Record 4 of 8

By: Huang, T (Huang, Tao); Zhang, SW (Zhang, Shuwen); Liu, LF (Liu, Longfei); Xu, JJ (Xu, Jiaojiao)

Title: Graphite particle electrodes that enhance the detoxification of municipal solid waste incineration fly ashes in a three-dimensional electrokinetic platform and its mechanisms

Source: ENVIRONMENTAL POLLUTION

Volume: 243

Pages: 929-939

DOI: 10.1016/j.envpol.2018.08.101

Part: B

Published: DEC 2018

ISSN: 0269-7491

eISSN: 1873-6424

Accession Number: WOS:000449892700016

PubMed ID: 30245455

Record 5 of 8

By: Huang, T (Huang, Tao); Liu, LF (Liu, Longfei); Zhou, LL (Zhou, Lulu); Yang, K (Yang, Ke)

Title: Operating optimization for the heavy metal removal from the municipal solid waste incineration fly ashes in the three-dimensional Chock tar electrokinetics

Source: CHEMOSPHERE

Volume: 204

Pages: 294-302

DOI: 10.1016/j.chemosphere.2018.04.065

Published: AUG 2018

ISSN: 0045-6535

eISSN: 1879-1298

Accession Number: WOS:000432767300036

PubMed ID: 29665532

Record 6 of 8

By: Huang, T (Huang, Tao); Zhou, LL (Zhou, Lulu); Liu, LF (Liu, Longfei); Xia, M (Xia, Ming)

Title: Ultrasound-enhanced electrokinetic remediation for removal of Zn, Pb, Cu and Cd in municipal solid waste incineration fly ashes

Source: WASTE MANAGEMENT

Volume: 75

Pages: 226-235

DOI: 10.1016/j.wasman.2018.01.029

Published: MAY 2018

ISSN: 0956-053X

Accession Number: WOS:000432235200022

PubMed ID: 29395736

Record 7 of 8

By: Plesingerova, B (Plesingerova, Beatrice); Vadasz, P (Vadasz, Pavol); Kamensky, R (Kamensky, Rastislav); Bounziova, J (Bounziova, Jana); Derd'ak, J (Derd'ak, Jan); Medved, D (Medved, David)

Title: Spent Magnesia-Carbon Refractory Bricks from Steel Production: Potentiality of MgO-Clinker Recovery

Source: ACTA MONTANISTICA SLOVACA

Volume: 23

Issue: 1

Pages: 39-45

Published: 2018

ISSN: 1335-1788

Accession Number: WOS:000439006000005

Record 8 of 8

By: Wachter, A (Wachter, A.); Ionel, I (Ionel, I.); Wachter, R (Wachter, R.); Varga, LA (Varga, L. A.); Negrea, A (Negrea, A.); Minzatu, V (Minzatu, V.); Muntean, C (Muntean, C.); Ciopec, M (Ciopec, M.)

Title: ENCAPSULATION OF MUNICIPAL SOLID WASTE INCINERATION RESIDUES INTO COAL FLY ASH ROCK MATRIX

Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY

Volume: 17

Issue: 3

Pages: 1037-1047

Published: 2016

ISSN: 1311-5065

Accession Number: WOS:000385910400023

[Brownfields as a tool for support of regional development of Slovakia](#)

By: [Pavolova, Henrieta](#); [Csikosova, Adriana](#); [Bakalar, Tomas](#)

Conference: International Conference on Civil, Architectural and Hydraulic Engineering (ICCAHE 2012) Location: Zhangjiajie, PEOPLES R CHINA Date: AUG 10-12, 2012
Sponsor(s): Changsha Univ Sci & Technol; Hunan Univ; Xiangtan Univ; Nanhua Univ; Hunan Univ Sci & Technol; Hunan City Univ
SUSTAINABLE CITIES DEVELOPMENT AND ENVIRONMENT, PTS 1-3 Book Series: Applied Mechanics and Materials Volume: 209-211 Pages: 1679-1683 Part: 1-3
Published: 2012

Record 1 of 6

By: Sabo, S (Sabo, Stefan); Mihalova, L (Mihalova, Lucia); Bocan, J (Bocan, Jozef); Pavol, M (Pavol, Milan)

Book Group Author(s): SGEM

Title: EFFECT OF POINT SOURCES OF WATER POLLUTION ON THE QUALITY OF WATER BODIES IN TREBISOV REGION

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 237-241

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800032

Record 2 of 6

By: Kozakova, L (Kozakova, Lubica); Zelenak, M (Zelenak, Miroslav); Zelenak, F (Zelenak, Fridrich)

Book Group Author(s): SGEM

Title: EVALUATION OF SELECTED CHARACTERISTICS OF THE ENVIRONMENTAL LOAD SLOVINKY

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 267-272

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800036

Record 3 of 6

By: Hlavnova, B (Hlavnova, Barbara); Pavol, M (Pavol, Milan); Sabo, S (Sabo, Stefan)

Book Group Author(s): SGEM

Title: SUPPORT OF DEVELOPMENT OF REGIONAL TOURISM IN SLOVAKIA

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 649-655

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800086

Record 4 of 6

By: Barbara, H (Barbara, Hlavnova); Branislav, K (Branislav, Krsak)

Edited by: Lee, G (Lee, G)

Title: Financing of Brownfields in Geotouristic Destinations in Slovakia

Source: 2013 INTERNATIONAL CONFERENCE ON MANAGEMENT INNOVATION AND BUSINESS INNOVATION (ICMIBI 2013), PT I

Book Series Title: Lecture Notes in Management Science

Volume: 15

Pages: 235-239

Published: 2013

Conference Title: International Conference on Management Innovation and Business Innovation (ICMIBI)

Conference Date: APR 21-22, 2013

Conference Location: Singapore, SINGAPORE

ISSN: 2251-3051

ISBN: 978-981-07-5034-3

Accession Number: WOS:000339159900041

Record 5 of 6

By: Teplicka, K (Teplicka, Katarina); Culkova, K (Culkova, Katarina); Antosova, M (Antosova, Maria)

Book Group Author(s): SGEM

Title: ADVANTAGES AND DISADVANTAGES OF ENVIRONMENTAL MANAGEMENT SYSTEM AND EMAS FOR MINING CORPORATIONS

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2013, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 19-26

Published: 2013

Conference Title: 13th International Multidisciplinary Scientific Geoconference, SGEM 2013

Conference Date: JUN 16-22, 2013

Conference Location: Albena, BULGARIA

ISSN: 1314-2704

ISBN: 978-619-7105-05-6

Accession Number: WOS:000348880400003

Record 6 of 6

By: Cehlar, M (Cehlar, Michal); Antosova, M (Antosova, Maria); Senova, A (Senova, Andrea)

Book Group Author(s): SGEM

Title: FINANCING OPTIONS FOR REVITALIZING OF BROWNFIELDS IN SLOVAKIA

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, SGEM 2013, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 161-168

Published: 2013

Conference Title: 13th International Multidisciplinary Scientific Geoconference, SGEM 2013

Conference Date: JUN 16-22, 2013

Conference Location: Albena, BULGARIA

ISSN: 1314-2704

ISBN: 978-619-7105-05-6

Accession Number: WOS:000348880400022

[The use of renewable sources of energy in the development process of a Slovak municipality](#)

By: [Pavolova, Henrieta](#); [Bakalar, Tomas](#); [Bugel, Milan](#)

Conference: International Conference on Civil, Architectural and Hydraulic Engineering

(ICCAHE 2012) Location: Zhangjiajie, PEOPLES R CHINA Date: AUG 10-12, 2012

Sponsor(s): Changsha Univ Sci & Technol; Hunan Univ; Xiangtan Univ; Nanhua Univ;

Hunan Univ Sci & Technol; Hunan City Univ

SUSTAINABLE CITIES DEVELOPMENT AND ENVIRONMENT, PTS 1-3 Book Series:

Applied Mechanics and Materials Volume: 209-211 Pages: 1715-1718 Part: 1-

3 Published: 2012

Record 1 of 2

By: 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)

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

Source: ENERGIES

Volume: 13

Issue: 15

Article Number: 3878

DOI: 10.3390/en13153878

Published: AUG 2020

eISSN: 1996-1073

Accession Number: WOS:000558999700001

Record 2 of 2

By: Hlavnova, B (Hlavnova, Barbara); Pavol, M (Pavol, Milan); Sabo, S (Sabo, Stefan)

Book Group Author(s): SGEM

Title: SUPPORT OF DEVELOPMENT OF REGIONAL TOURISM IN SLOVAKIA

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 649-655

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci &

Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design
Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800086

[Internet communication in the process of education at universities](#)

By: [Zelenakova, Maria](#); [Pavolova, Henrieta](#); [Bakalar, Tomas](#)

Conference: 4th World Conference on Educational Sciences (WCES) Location: Univ
Barcelona, Barcelona, SPAIN Date: FEB 02-05, 2012

Sponsor(s): Acad World Educ & Res Ctr; Near E Univ; Bahcesehir Univ; Ankara Univ;
Hacettepe Univ; Cyprus Educ Sci Assoc

4TH WORLD CONFERENCE ON EDUCATIONAL SCIENCES (WCES-2012) Book
Series: Procedia Social and Behavioral Sciences Volume: 46 Pages: 2711-
2715 Published: 2012

Record 1 of 6

By: Molokac, M (Molokac, M.); Alexandrova, G (Alexandrova, G.); Kobylanska, M
(Kobylanska, M.); Hlavnova, B (Hlavnova, B.); Hroncek, P (Hroncek, P.); Tometzova, D
(Tometzova, D.)

Book Group Author(s): IEEE

Title: Virtual Mine - educational model for Wider Society

Source: 2017 15TH IEEE INTERNATIONAL CONFERENCE ON EMERGING
ELEARNING TECHNOLOGIES AND APPLICATIONS (ICETA 2017)

Pages: 307-311

Published: 2017

Conference Title: 15th IEEE International Conference on Emerging eLearning
Technologies and Applications (ICETA)

Conference Date: OCT 26-27, 2017

Conference Location: SLOVAKIA

Sponsor(s): IEEE Czechoslovakia Sect; Elfa

ISBN: 978-1-5386-3296-3

Accession Number: WOS:000425921300048

Record 2 of 6

By: Zrakova, D (Zrakova, Diana); Ferenc, P (Ferenc, Patrik); Polackova, K (Polackova,
Kristina); Kubina, M (Kubina, Milan)

Edited by: Petranova, D (Petranova, D); Rybansky, R (Rybansky, R); Mendelova, D
(Mendelova, D)

Title: REPUTATION MANAGEMENT USING ONLINE AND OFFLINE
COMMUNICATION TOOLS

Source: MARKETING IDENTITY: ONLINE RULES, PT I

Book Series Title: Marketing Identity

Pages: 277-289

Published: 2017

Conference Title: International Scientific Conference on Marketing Identity: Online Rules

Conference Date: NOV 07-08, 2017

Conference Location: Slovak Acad Sci, Smolenice, SLOVAKIA

Sponsor(s): Univ Ss Cyril & Methodius Trnava, Fac Mass Media Commun

Conference Host: Slovak Acad Sci

ISSN: 1339-5726

ISBN: 978-80-8105-917-9

Accession Number: WOS:000461539600026

Record 3 of 6

By: Olojede, JC (Olojede, Joy C.)

Title: PERCEPTION AND ATTITUDINAL BEHAVIOR OF LECTURERS' IN THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY TOOLS IN TEACHING/LEARNING IN MICHAEL OKPARA UNIVERSITY OF AGRICULTURE UMUDIKE

Source: SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT

Volume: 16

Issue: 3

Pages: 207-210

Published: 2016

ISSN: 2284-7995

eISSN: 2285-3952

Accession Number: WOS:000407959000029

Record 4 of 6

By: Sandoval-Almazan, R (Sandoval-Almazan, Rodrigo); Valle-Cruz, D (Valle-Cruz, David); Romero-Romero, A (Romero-Romero, Araceli); Guadarrama-Chavez, A (Guadarrama-Chavez, Alejandra)

Book Group Author(s): IEEE

Title: Social Media Effect inside University Communication: A Mexican Case

Source: 2014 INTERNATIONAL CONFERENCE ON EDUCATION TECHNOLOGIES AND COMPUTERS (ICETC)

Pages: 110-114

Published: 2014

Conference Title: International Conference on Education Technologies and Computers (ICETC)

Conference Date: SEP 22-24, 2014

Conference Location: Lodz, POLAND

ISBN: 978-1-4799-6248-8

Accession Number: WOS:000454501800019

Record 5 of 6

By: Simonidesova, J (Simonidesova, Jana); Hlavnova, B (Hlavnova, Barbara)

Edited by: Shao X (Shao, X)

Title: The Use of Internet Communication Forms and Their Quality in the Educational Process in Higher Education

Source: PROCEEDINGS OF THE 2013 INTERNATIONAL ACADEMIC WORKSHOP ON SOCIAL SCIENCE (IAW-SC 2013)

Book Series Title: Advances in Intelligent Systems Research

Volume: 50

Pages: 786-788

Published: 2013

Conference Title: International Academic Workshop on Social Science (IAW-SC)

Conference Date: OCT 18-20, 2013

Conference Location: Adv Informat Sci Res Ctr, Changsha, PEOPLES R CHINA

Sponsor(s): Atlantis Press; Qingdao Univ; Liaocheng Univ; Fuzhou Univ; Hunan Univ

Conference Host: Adv Informat Sci Res Ctr

ISSN: 1951-6851

ISBN: 978-90-78677-84-0

Accession Number: WOS:000335909400175

Record 6 of 6

By: Horovcak, P (Horovcak, Pavel); Stehlikova, B (Stehlikova, Beata)

Book Group Author(s): SGEM

Title: THE USE OF SOA IN THE DEVELOPMENT OF COMPLEX WEB APPLICATIONS

Source: GEOCONFERENCE ON INFORMATICS, GEOINFORMATICS AND REMOTE SENSING - CONFERENCE PROCEEDINGS, VOL I

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 265-272

Published: 2013

Conference Title: 13th International Multidisciplinary Scientific Geoconference, SGEM 2013

Conference Date: JUN 16-22, 2013

Conference Location: Albena, BULGARIA

ISSN: 1314-2704

ISBN: 978-954-91818-9-0

Accession Number: WOS:000349067200035

[Removal of Zn\(II\) from aqueous solutions using Lewatit S1468](#)

By: [Mueller, Gabriel](#); [Janoskova, Katarina](#); [Bakalar, Tomas](#); et al.

DESALINATION AND WATER TREATMENT Volume: 37 Issue: 1-3 Pages: 146-151 Published: JAN 2012

Record 1 of 9

By: Silva, RA (Silva, Rene A.); Hawboldt, K (Hawboldt, Kelly); Zhang, YH (Zhang, Yahui)

Title: Application of resins with functional groups in the separation of metal ions/species - a review

Source: MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW

Volume: 39

Issue: 6

Pages: 395-413

DOI: 10.1080/08827508.2018.1459619

Published: NOV 2 2018

ISSN: 0882-7508

eISSN: 1547-7401

Accession Number: WOS:000449680600002

Record 2 of 9

By: Tran, HN (Hai Nguyen Tran); You, SJ (You, Sheng-Jie); Hosseini-Bandegharaei, A (Hosseini-Bandegharaei, Ahmad); Chao, HP (Chao, Huan-Ping)

Title: Mistakes and inconsistencies regarding adsorption of contaminants from aqueous solutions: A critical review

Source: WATER RESEARCH

Volume: 120

Pages: 88-116

DOI: 10.1016/j.watres.2017.04.014

Published: SEP 1 2017

ISSN: 0043-1354

Accession Number: WOS:000403431000009

PubMed ID: 28478298

Record 3 of 9

By: Pavolova, H (Pavolova, Henrieta); Sabo, S (Sabo, Stefan); Kozakova, L (Kozakova, L'ubica)

Book Group Author(s): SGEM

Title: MUNICIPAL SOLID WASTE INCINERATION FLY-ASH STABILISATION BY CEMENT AND BENTONITE

Source: ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 455-462

Published: 2016

Conference Title: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016)

Conference Date: JUN 30-JUL 06, 2016

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water

ISSN: 1314-2704

ISBN: 978-619-7105-65-0

Accession Number: WOS:000391519100061

Record 4 of 9

By: Nawaz, R (Nawaz, Robila); Ali, K (Ali, Khurshid); Khan, M (Khan, Maria)

Title: Extraction of copper from wastewater through supported liquid membrane using tri-ethanolamine as a carrier

Source: DESALINATION AND WATER TREATMENT

Volume: 57

Issue: 46

Pages: 21827-21841

DOI: 10.1080/19443994.2015.1128986

Published: 2016

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000384060500015

Record 5 of 9

By: Gilca, E (Gilca, Emilia); Maicaneanu, A (Maicaneanu, Andrada); Ghirisan, A (Ghirisan, Adina); Ilea, P (Ilea, Petru)

Title: Kinetic modeling and error analysis for zinc removal on a weak base anion exchange resin

Source: DESALINATION AND WATER TREATMENT

Volume: 57

Issue: 41

Pages: 19510-19518

DOI: 10.1080/19443994.2015.1101018

Published: 2016

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000382585200043

Record 6 of 9

By: Pavolova, H (Pavolova, H.); Khouri, S (Khouri, S.); Cehlar, M (Cehlar, M.); Domaracka, L (Domaracka, L.); Puzder, M (Puzder, M.)

Title: MODELLING OF COPPER AND ZINC ADSORPTION ONTO ZEOLITE

Source: METALURGIJA

Volume: 55

Issue: 4

Pages: 712-714

Published: 2016

ISSN: 0543-5846

eISSN: 1334-2576

Accession Number: WOS:000376167100035

Record 7 of 9

By: Tadesse, B (Tadesse, Bezuayehu); Teju, E (Teju, Endale); Megersa, N (Megersa, Negussie)

Title: The Teff straw: a novel low-cost adsorbent for quantitative removal of Cr(VI) from contaminated aqueous samples

Source: DESALINATION AND WATER TREATMENT

Volume: 56

Issue: 11

Pages: 2925-2936

DOI: 10.1080/19443994.2014.968214

Published: DEC 11 2015

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000364207800016

Record 8 of 9

By: Panadare, DC (Panadare, Dhanashree C.); Lade, VG (Lade, Vikesh G.); Rathod, VK (Rathod, Virendra K.)

Title: Adsorptive removal of copper(II) from aqueous solution onto the waste sweet lime peels (SLP): equilibrium, kinetics and thermodynamics studies

Source: DESALINATION AND WATER TREATMENT

Volume: 52

Issue: 40-42

Pages: 7822-7837

DOI: 10.1080/19443994.2013.831789

Published: DEC 6 2014

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000346576000037

Record 9 of 9

By: Ilaiyaraja, P (Ilaiyaraja, P.); Singha Deb, AK (Singha Deb, Ashish Kumar); Ponraju, D (Ponraju, D.); Venkatraman, B (Venkatraman, B.)

Title: Removal of cobalt from aqueous solution using xanthate functionalized dendrimer

Source: DESALINATION AND WATER TREATMENT

Volume: 52

Issue: 1-3

Pages: 438-445

DOI: 10.1080/19443994.2013.808454

Published: JAN 2 2014

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000330106200045

[Increase of Alternative and Renewable Energy Sources Utilization in Slovakia by 2020 in Comparison to Other Selected EU Countries](#)

By: [Pavolova, Henrieta](#); [Senova, Andrea](#); [Bakalar, Tomas](#)

Conference: International Conference on Mechanical Engineering and Materials (ICMEM)

Location: Melbourne, AUSTRALIA Date: JAN 15-16, 2012

MECHANICAL ENGINEERING AND MATERIALS, PTS 1-3 Book Series: Applied

Mechanics and Materials Volume: 152-154 Pages: 495-500 Published: 2012

Record 1 of 6

By: Csikosova, A (Csikosova, Adriana); Antosova, M (Antosova, Maria); Culkova, K (Culkova, Katarina)

Edited by: Xu, Q (Xu, Q); Li, H (Li, H); Li, Q (Li, Q)

Title: Economical evaluation of photovoltaic power plants Case Study Slovakia

Source: SUSTAINABLE DEVELOPMENT OF INDUSTRY AND ECONOMY, PTS 1 AND 2

Book Series Title: Advanced Materials Research

Volume: 869-870

Pages: 475-478

DOI: 10.4028/www.scientific.net/AMR.869-870.475

Published: 2014

Conference Title: 3rd International Conference on Energy, Environment and Sustainable Development (EESD 2013)

Conference Date: NOV 12-13, 2013

Conference Location: Shanghai, PEOPLES R CHINA

Sponsor(s): Shanghai Univ Elect Power; Shanghai Normal Univ

ISSN: 1022-6680

ISBN: 978-3-03785-975-9

Accession Number: WOS:000339125800090

Record 2 of 6

By: Antosova, M (Antosova, Maria); Csikosova, A (Csikosova, Adriana)

Edited by: Iacob, AI (Iacob, AI)

Title: Social behavior of companies in Slovakia and their support by European Union

Source: 2ND WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT

Book Series Title: Procedia Social and Behavioral Sciences

Volume: 109

Pages: 307-311

DOI: 10.1016/j.sbspro.2013.12.462

Published: 2014

Conference Title: 2nd World Conference on Business, Economics and Management (BEM)

Conference Date: APR 25-28, 2013

Conference Location: Antalya, TURKEY

Sponsor(s): SciencePark Res, Org & Counseling Ltd; Acad World Educ & Res Ctr; Hacettepe Univ; Eastern Mediterranean Univ; Near E Univ; Zirve Univ

ISSN: 1877-0428

Accession Number: WOS:000335570200051

Record 3 of 6

By: Sabo, S (Sabo, Stefan); Mihalova, L (Mihalova, Lucia); Bocan, J (Bocan, Jozef); Pavol, M (Pavol, Milan)

Book Group Author(s): SGEM

Title: EFFECT OF POINT SOURCES OF WATER POLLUTION ON THE QUALITY OF WATER BODIES IN TREBISOV REGION

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 237-241

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800032

Record 4 of 6

By: Hlavnova, B (Hlavnova, Barbara); Pavol, M (Pavol, Milan); Sabo, S (Sabo, Stefan)

Book Group Author(s): SGEM

Title: SUPPORT OF DEVELOPMENT OF REGIONAL TOURISM IN SLOVAKIA

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 649-655

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Repub; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Letters; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environ & Water

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800086

Record 5 of 6

By: Csikosova, A (Csikosova, Adriana); Antosova, M (Antosova, Maria); Culkova, K (Culkova, Katarina)

Title: Marketing of renewable energy sources in the region

Source: ACTA MONTANISTICA SLOVACA

Volume: 17

Issue: 4

Pages: 315-321

Published: 2012

ISSN: 1335-1788

Accession Number: WOS:000324682300012

Record 6 of 6

By: Csikosova, A (Csikosova, Adriana); Antosova, M (Antosova, Maria); Culkova, K (Culkova, Katarina)

Book Group Author(s): SGEM

Title: DEVELOPMENT OF SMALL HYDROELECTRIC PLANTS IN SLOVAKIA

Source: 12TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE, SGEM 2012, VOL. III

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 619-624

Published: 2012

Conference Title: 12h International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-23, 2012

Conference Location: Albena, BULGARIA

Sponsor(s): Minist Environm & Water; Bulgarian Acad Sci; Acad Sci Czech Republ; Acad Sci IR Iran; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Bulgarian Ind Assoc

ISSN: 1314-2704

Accession Number: WOS:000348533800082

[Influence of suspension concentration and transmembrane pressure on microfiltration of montmorillonite based suspension](#)

By: [Mueller, Gabriel](#); [Janoskova, Katarina](#); [Bakalar, Tomas](#); et al.

Conference: 6th Conference of the Aseanian-Membrane-Society (AMS)/7th International Membrane Science and Technology Conference (IMSTEC) Location: Membrane Soc Australasia (MSA), Sydney, AUSTRALIA Date: NOV 22-26, 2010

Sponsor(s): Aseanian Membrane Soc (AMS)

DESALINATION AND WATER TREATMENT Volume: 34 Issue: 1-3 Pages: 163-166 Published: OCT 2011

Record 1 of 1

By: Pavolova, H (Pavolova, Henrieta); Sabo, S (Sabo, Stefan); Kozakova, L (Kozakova, L'ubica)

Book Group Author(s): SGEM

Title: MUNICIPAL SOLID WASTE INCINERATION FLY-ASH STABILISATION BY CEMENT AND BENTONITE

Source: ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 455-462

Published: 2016

Conference Title: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016)

Conference Date: JUN 30-JUL 06, 2016

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water

ISSN: 1314-2704

ISBN: 978-619-7105-65-0

Accession Number: WOS:000391519100061

[IMPACT OF GAS EXTRACTION FROM COAL DEPOSITS ON THE ENVIRONMENT](#)

By: [Skvarekova, Erika](#); [Bakalar, Tomas](#)

Conference: 11th International Multidisciplinary Scientific GeoConference Location: Albena, BULGARIA Date: JUN 20-25, 2011

Sponsor(s): Minist Env & Water; Bulgarian Acad Sci; Acad Sci Czech Republ; Acad Sci IR Iran; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Bulgarian Ind Assoc; Bulgarian Acad Sci; Albena Wellness Destinat

11TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE (SGEM 2011), VOL I Book Series: International Multidisciplinary Scientific GeoConference-SGEM Pages: 795-800 Published: 2011

Record 1 of 1

By: Lacko, R (Lacko, Roman); Hajduova, Z (Hajduova, Zuzana); Pavolova, H (Pavolova, Henrieta)

Title: Efficiency of mining and quarrying industry of V4 countries: the impact of investments and selected indicators

Source: ACTA MONTANISTICA SLOVACA

Volume: 22

Issue: 2

Pages: 136-145

Published: 2017

ISSN: 1335-1788

Accession Number: WOS:000412231000005

[Influence of Road Salts on the Processes in Activation Tanks of Wastewater Plants](#)

By: [Horniakova, Eliska](#); [Bugel, Milan](#); [Bakalar, Tomas](#)

CHEMICKE LISTY Volume: 104 Issue: 4 Pages: 257-260 Published: 2010

Record 1 of 1

By: Sabo, S (Sabo, Stefan); Mihalova, L (Mihalova, Lucia); Bocan, J (Bocan, Jozef); Pavol, M (Pavol, Milan)

Book Group Author(s): SGEM

Title: EFFECT OF POINT SOURCES OF WATER POLLUTION ON THE QUALITY OF WATER BODIES IN TREBISOV REGION

Source: GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL II

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 237-241

Published: 2014

Conference Title: 14th International Multidisciplinary Scientific Geoconference (SGEM)

Conference Date: JUN 17-26, 2014

Conference Location: Albena, BULGARIA

ISSN: 1314-2704

ISBN: 978-619-7105-18-6

Accession Number: WOS:000370816800032

[REMOVAL OF NICKEL BY NATURAL AND MAGNETICALLY MODIFIED BENTONITE](#)

By: [Veres, J.](#); [Orolinova, Z.](#); [Mockovciakova, A.](#); et al.

Conference: NATO Advanced Research Workshop on Water Treatment Technologies for the Removal of High-Toxicity Pollutants Location: Kosice, SLOVAKIA Date: SEP 13-17, 2008

Sponsor(s): NATO

WATER TREATMENT TECHNOLOGIES FOR THE REMOVAL OF HIGH-TOXICITY POLLUTANTS Book Series: NATO Science for Peace and Security Series C-

Environmental Security Pages: 289 -+ Published: 2010

Record 1 of 7

By: Bananezhad, B (Bananezhad, Behjat); Islami, MR (Islami, Mohammad Reza); Ghonchepour, E (Ghonchepour, Ehsan); Mostafavi, H (Mostafavi, Hamid); Tikdari, AM (Tikdari, Ahmad Momeni); Rafiei, HR (Rafiei, Hamid Reza)

Title: Bentonite clay as an efficient substrate for the synthesis of the super stable and recoverable magnetic nanocomposite of palladium (Fe₃O₄/Bentonite-Pd)

Source: POLYHEDRON

Volume: 162

Pages: 192-200

DOI: 10.1016/j.poly.2019.01.054

Published: APR 1 2019

ISSN: 0277-5387

Accession Number: WOS:000463127800025

Record 2 of 7

By: Roskopfova's, O (Roskopfova's, Ol'ga); Pivarciova's, L (Pivarciova's, Lucia); Krajnak's, A (Krajnak's, Adrian); Galambos's, M (Galambos's, Michal); Rajec's, P (Rajec's, Pavol)

Title: Adsorption of nickel on illite/smectite Dolna Ves

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY

Volume: 307

Issue: 1

Pages: 179-185

DOI: 10.1007/s10967-015-4110-9

Published: JAN 2016

ISSN: 0236-5731

eISSN: 1588-2780

Accession Number: WOS:000372264900024

Record 3 of 7

By: Krajnak, A (Krajnak, A.); Pivarciova, L (Pivarciova, L.); Roskopfova, O (Roskopfova, O.); Galambos, M (Galambos, M.); Rajec, P (Rajec, P.)

Title: Adsorption of nickel on rhyolitic Slovak bentonites

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY

Volume: 304

Issue: 2

Pages: 587-593

DOI: 10.1007/s10967-014-3832-4

Published: MAY 2015

ISSN: 0236-5731

eISSN: 1588-2780

Accession Number: WOS:000351857600014

Record 4 of 7

By: Pivarciova, L (Pivarciova, L.); Krajnak, A (Krajnak, A.); Rosskopfova, O (Rosskopfova, O.); Galambos, M (Galambos, M.); Rajec, P (Rajec, P.)

Title: Adsorption of nickel on andesitic bentonite Lieskovec

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY

Volume: 304

Issue: 2

Pages: 851-858

DOI: 10.1007/s10967-014-3896-1

Published: MAY 2015

ISSN: 0236-5731

eISSN: 1588-2780

Accession Number: WOS:000351857600045

Record 5 of 7

By: Hashemian, S (Hashemian, Saeedeh); Saffari, H (Saffari, Hossein); Ragabion, S (Ragabion, Saeedeh)

Title: Adsorption of Cobalt(II) from Aqueous Solutions by Fe₃O₄/Bentonite Nanocomposite

Source: WATER AIR AND SOIL POLLUTION

Volume: 226

Issue: 1

Article Number: 2212

DOI: 10.1007/s11270-014-2212-6

Published: JAN 2015

ISSN: 0049-6979

eISSN: 1573-2932

Accession Number: WOS:000346609300005

Record 6 of 7

By: Galambos, M (Galambos, M.); Suchanek, P (Suchanek, P.); Rosskopfova, O (Rosskopfova, O.)

Title: Sorption of anthropogenic radionuclides on natural and synthetic inorganic sorbents

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY

Volume: 293

Issue: 2

Pages: 613-633

DOI: 10.1007/s10967-012-1717-y

Published: AUG 2012

ISSN: 0236-5731

eISSN: 1588-2780

Accession Number: WOS:000306070700022

Record 7 of 7

By: Galambos, M (Galambos, Michal); Rosskopfova, O (Rosskopfova, Ol'ga); Kufcakova, J (Kufcakova, Jana); Rajec, P (Rajec, Pavol)

Title: Utilization of Slovak bentonites in deposition of high-level radioactive waste and spent nuclear fuel

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY

Volume: 288

Issue: 3

Pages: 765-777

DOI: 10.1007/s10967-011-0987-0

Published: JUN 2011

ISSN: 0236-5731

eISSN: 1588-2780

Accession Number: WOS:000290040000018

[Heavy metal removal using reverse osmosis](#)

By: [Bakalar, Tomas](#); [Bugel, Milan](#); [Gajdosova, Lucia](#)

ACTA MONTANISTICA SLOVACA Volume: 14 Issue: 3 Pages: 250-253 Published: 2009

Record 1 of 42

By: de Luna, MDG (de Luna, Mark Daniel G.); Capito, JA (Capito, Jenelyn A.); Vilando, AC (Vilando, Anabella C.); Lu, MC (Lu, Ming-Chun)

Title: Effect of EDTA and CH₂O on copper recovery from simulated electroless copper plating spent rinse water by unseeded fluidized-bed granulation process

Source: SEPARATION AND PURIFICATION TECHNOLOGY

Volume: 253

Article Number: 117460

DOI: 10.1016/j.seppur.2020.117460

Published: DEC 15 2020

ISSN: 1383-5866

eISSN: 1873-3794

Accession Number: WOS:000571904400007

Record 2 of 42

By: Shahid, M (Shahid, Muhammad); Farooqi, ZH (Farooqi, Zahoor H.); Begum, R (Begum, Robina); Arif, M (Arif, Muhammad); Irfan, A (Irfan, Ahmad); Azam, M (Azam, Muhammad)

Title: Extraction of cobalt ions from aqueous solution by microgels for in-situ fabrication of cobalt nanoparticles to degrade toxic dyes: A two fold-environmental application

Source: CHEMICAL PHYSICS LETTERS

Volume: 754

Article Number: 137645

DOI: 10.1016/j.cplett.2020.137645

Published: SEP 2020

ISSN: 0009-2614

eISSN: 1873-4448

Accession Number: WOS:000560722800008

Record 3 of 42

By: Ermolenko, A (Ermolenko, Anna); Vikulova, M (Vikulova, Maria); Shevelev, A (Shevelev, Alexey); Mastalygina, E (Mastalygina, Elena); Offor, PO (Offor, Peter Ogbuna); Konyukhov, Y (Konyukhov, Yuri); Razinov, A (Razinov, Anton); Gorokhovskiy, A (Gorokhovskiy, Alexander); Burmistrov, I (Burmistrov, Igor)

Title: Sorbent Based on Polyvinyl Butyral and Potassium Polytitanate for Purifying Wastewater from Heavy Metal Ions

Source: PROCESSES

Volume: 8

Issue: 6

Article Number: 690

DOI: 10.3390/pr8060690

Published: JUN 2020

eISSN: 2227-9717

Accession Number: WOS:000551686700001

Record 4 of 42

By: Kouli, ME (Kouli, Maria-Elisavet); Banis, G (Banis, George); Savvidou, MG (Savvidou, Maria G.); Ferraro, A (Ferraro, Angelo); Hristoforou, E (Hristoforou, Evangelos)

Title: A Study on Magnetic Removal of Hexavalent Chromium from Aqueous Solutions Using Magnetite/Zeolite-X Composite Particles as Adsorbing Material

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

Volume: 21

Issue: 8

Article Number: 2707

DOI: 10.3390/ijms21082707

Published: APR 2020

eISSN: 1422-0067

Accession Number: WOS:000535565300049

PubMed ID: 32295148

Record 5 of 42

By: Abarca, RRM (Abarca, Ralf Ruffel M.); Gaudio, MT (Gaudio, Maria Teresa); Chakraborty, S (Chakraborty, Sudip); Bhattacharjee, P (Bhattacharjee, Prosun)

Edited by: Figoli, A (Figoli, A); Li, Y (Li, Y); Basile, A (Basile, A)

Title: Metals toxic pollutants in the environment: anthropogenic and geological causes and remediation

Source: CURRENT TRENDS AND FUTURE DEVELOPMENTS ON (BIO-) MEMBRANES: MEMBRANES IN ENVIRONMENTAL APPLICATIONS

Pages: 109-124

DOI: 10.1016/B978-0-12-816778-6.00006-0

Published: 2020

ISBN: 978-0-12-817300-8; 978-0-12-816778-6

Accession Number: WOS:000558112600007

Book DOI: 10.1016/C2018-0-00736-7

Record 6 of 42

By: Atkovska, K (Atkovska, Katerina); Paunovik, P (Paunovik, Perica); Dimitrov, A (Dimitrov, Aleksandar); Lisichkov, K (Lisichkov, Kiril); Alghuthaymi, M (Alghuthaymi, Mousa); Grozdanov, A (Grozdanov, Anita)

Edited by: AbdElsalam, KA (AbdElsalam, KA)

Title: Graphene and activated graphene as adsorbents for removal of heavy metals from water resources

Source: CARBON NANOMATERIALS FOR AGRI-FOOD AND ENVIRONMENTAL APPLICATIONS

Book Series Title: Micro & Nano Technologies

Pages: 177-191

DOI: 10.1016/B978-0-12-819786-8.00009-8

Published: 2020

ISBN: 978-0-12-819787-5; 978-0-12-819786-8

Accession Number: WOS:000558109100010

Book DOI: 10.1016/C2018-0-05516-4

Record 7 of 42

By: Turhan, O (Turhan, Onur); Ors, D (Ors, Demet); Turhan, Y (Turhan, Yasemin)

Title: SYNTHESIS, CHARACTERIZATION AND ENVIRONMENTAL APPLICATION OF GRAFTED SILICA GEL

Source: FRESenius ENVIRONMENTAL BULLETIN

Volume: 29

Issue: 6

Pages: 4592-4606

Published: 2020

ISSN: 1018-4619

eISSN: 1610-2304

Accession Number: WOS:000540873900058

Record 8 of 42

By: Kumar, S (Kumar, Shravan); Narayanasamy, S (Narayanasamy, Selvaraju); Venkatesh, RP (Venkatesh, R. Prasanna)

Title: Removal of Cr(VI) from synthetic solutions using water caltrop shell as a low-cost biosorbent

Source: SEPARATION SCIENCE AND TECHNOLOGY

Volume: 54

Issue: 17

Pages: 2783-2799

DOI: 10.1080/01496395.2018.1560333

Published: NOV 22 2019

ISSN: 0149-6395

eISSN: 1520-5754

Accession Number: WOS:000488967200003

Record 9 of 42

By: Choi, H (Choi, Hojung); Eom, Y (Eom, Youngsik); Lee, S (Lee, Sanghwa); Kim, SY (Kim, Sang Youl)

Title: Copper Ions Removal from Water using A(2)B(3) Type Hyperbranched Poly(amidoamine) Hydrogel Particles

Source: MOLECULES

Volume: 24

Issue: 21

Article Number: 3866

DOI: 10.3390/molecules24213866

Published: NOV 2019

eISSN: 1420-3049

Accession Number: WOS:000498055500055

PubMed ID: 31717783

Record 10 of 42

By: Saha, S (Saha, Sarthak); Zubair, M (Zubair, Muhammad); Khosa, MA (Khosa, M. A.); Song, S (Song, Sandra); Ullah, A (Ullah, Aman)

Title: Keratin and Chitosan Biosorbents for Wastewater Treatment: A Review

Source: JOURNAL OF POLYMERS AND THE ENVIRONMENT

Volume: 27

Issue: 7

Pages: 1389-1403

DOI: 10.1007/s10924-019-01439-6

Published: JUL 2019

ISSN: 1566-2543

eISSN: 1572-8919

Accession Number: WOS:000468965300001

Record 11 of 42

By: Ahmad, S (Ahmad, Shahbaz); Ahmad, A (Ahmad, Aftab); Khan, S (Khan, Sikandar); Ahmad, S (Ahmad, Shujaat); Khan, I (Khan, Idrees); Zada, S (Zada, Shah); Fu, PC (Fu, Pengcheng)

Title: Algal extracts based biogenic synthesis of reduced graphene oxides (rGO) with enhanced heavy metals adsorption capability

Source: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY

Volume: 72

Pages: 117-124

DOI: 10.1016/j.jiec.2018.12.009

Published: APR 25 2019

ISSN: 1226-086X

eISSN: 1876-794X

Accession Number: WOS:000459950100010

Record 12 of 42

By: Lodhi, BA (Lodhi, Bilal Ahmad); Abbas, A (Abbas, Azhar); Hussain, MA (Hussain, Muhammad Ajaz); Hussain, SZ (Hussain, Syed Zajif); Sher, M (Sher, Muhammad); Hussain, I (Hussain, Irshad)

Title: Design, characterization and appraisal of chemically modified polysaccharide based mucilage from *Ocimum basilicum* (basil) seeds for the removal of Cd(II) from spiked high-hardness ground water

Source: JOURNAL OF MOLECULAR LIQUIDS

Volume: 274

Pages: 15-24

DOI: 10.1016/j.molliq.2018.10.056

Published: JAN 15 2019

ISSN: 0167-7322

eISSN: 1873-3166

Accession Number: WOS:000457660000002

Record 13 of 42

By: Bien, NQ (Nguyen Quoc Bien); Ha, NTH (Nguyen Thi Hoang Ha)

Title: Adsorption of arsenic and heavy metals from solutions by modified iron ore sludge

Source: VIETNAM JOURNAL OF EARTH SCIENCES

Volume: 41

Issue: 3

Pages: 259-271

DOI: 10.15625/0866-7187/41/3/13947

Published: 2019

ISSN: 0866-7187

eISSN: 2615-9783

Accession Number: WOS:000530922400006

Record 14 of 42

By: Bodzek, M (Bodzek, Michal)

Title: Membrane separation techniques - removal of inorganic and organic admixtures and impurities from water environment - review

Source: ARCHIVES OF ENVIRONMENTAL PROTECTION

Volume: 45

Issue: 4

Pages: 4-19

DOI: 10.24425/aep.2019.130237

Published: 2019

ISSN: 2083-4772

eISSN: 2083-4810

Accession Number: WOS:000500804000001

Record 15 of 42

By: Dutta, S (Dutta, Sriparna); Sharma, RK (Sharma, R. K.)

Edited by: Ahuja, S (Ahuja, S)

Title: Sustainable Magnetically Retrievable Nanoadsorbents for Selective Removal of Heavy Metal Ions From Different Charged Wastewaters

Source: EVALUATING WATER QUALITY TO PREVENT FUTURE DISASTERS, VOL 11

Book Series Title: Separation Science and Technology

Volume: 11

Pages: 371-416

DOI: 10.1016/B978-0-12-815730-5.00015-6

Published: 2019

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ISBN: 978-0-128-16521-8; 978-0-12-815730-5

Accession Number: WOS:000523710600016

Record 16 of 42

By: Sarode, S (Sarode, Shruti); Upadhyay, P (Upadhyay, Punita); Khosa, MA (Khosa, M. A.); Mak, T (Mak, Tony); Shakir, A (Shakir, Abdus); Song, S (Song, Sandra); Ullah, A (Ullah, Aman)

Title: Overview of wastewater treatment methods with special focus on biopolymer chitin-chitosan

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

Volume: 121

Pages: 1086-1100

DOI: 10.1016/j.ijbiomac.2018.10.089

Published: JAN 2019

ISSN: 0141-8130

eISSN: 1879-0003

Accession Number: WOS:000452346100124

PubMed ID: 30342936

Record 17 of 42

By: Abrha, YW (Abrha, Yirga Weldu); Ahn, Y (Ahn, Yongtae); Kye, H (Kye, Homin); Jung, Y (Jung, Youmi); Yoon, Y (Yoon, Yeojoon); Hwang, TM (Hwang, Tae-Mun); Kang, JW (Kang, Joon-Wun)

Title: Adsorption of Pb²⁺ and Zn²⁺ from aqueous solutions using dried powder of cactus *Opuntia*: characterization, adsorption capacity and kinetics

Source: DESALINATION AND WATER TREATMENT

Volume: 135

Pages: 330-340

DOI: 10.5004/dwt.2018.22309

Published: DEC 2018

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000452204600029

Record 18 of 42

By: More, AG (More, Anand Govind); Gupta, SK (Gupta, Sunil Kumar)

Title: Evaluation of chromium removal efficiency at varying operating conditions of a novel bioelectrochemical system

Source: BIOPROCESS AND BIOSYSTEMS ENGINEERING

Volume: 41

Issue: 10

Pages: 1547-1554

DOI: 10.1007/s00449-018-1982-4

Published: OCT 2018

ISSN: 1615-7591

eISSN: 1615-7605

Accession Number: WOS:000443552900014

PubMed ID: 30006797

Record 19 of 42

By: Elmi, F (Elmi, F.); Nakhaei, RC (Nakhaei, R. Chenarian); Alinezhad, H (Alinezhad, H.)

Title: Conversion of fisheries waste as magnetic hydroxyapatite bionanocomposite for the removal of heavy metals from groundwater

Source: WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY

Volume: 18

Issue: 4

Pages: 1406-1419

DOI: 10.2166/ws.2017.211

Published: AUG 2018

ISSN: 1606-9749

Accession Number: WOS:000437352400026

Record 20 of 42

By: Amin, N (Amin, Nida); Schneider, D (Schneider, Dominik); Hoppert, M (Hoppert, Michael)

Title: Bioleaching potential of bacterial communities in historic mine waste areas

Source: ENVIRONMENTAL EARTH SCIENCES

Volume: 77

Issue: 14

Article Number: 542

DOI: 10.1007/s12665-018-7714-x

Published: JUL 2018

ISSN: 1866-6280

eISSN: 1866-6299

Accession Number: WOS:000439534300001

Record 21 of 42

By: Burevska, KA (Burevska, Katerina Atkovska); Memedi, H (Memedi, Hamdije); Lisichkov, K (Lisichkov, Kiril); Kuvendziev, S (Kuvendziev, Stefan); Marinkovski, M (Marinkovski, Mirko); Ruseska, G (Ruseska, Gordana); Grozdanov, A (Grozdanov, Anita)

Title: Biosorption of nickel ions from aqueous solutions by natural and modified peanut husks: equilibrium and kinetics

Source: WATER AND ENVIRONMENT JOURNAL

Volume: 32

Issue: 2

Pages: 276-284

DOI: 10.1111/wej.12325

Published: MAY 2018

ISSN: 1747-6585

eISSN: 1747-6593

Accession Number: WOS:000437139200015

Record 22 of 42

By: Tasharrofi, S (Tasharrofi, Saeideh); Hassani, SS (Hassani, Sedigheh Sadegh); Taghdisian, H (Taghdisian, Hossein); Sobat, Z (Sobat, Zahra)

Edited by: Hussain, CM (Hussain, CM); Mishra, AK (Mishra, AK)

Title: Environmentally friendly stabilized nZVI-composite for removal of heavy metals

Source: NEW POLYMER NANOCOMPOSITES FOR ENVIRONMENTAL REMEDIATION

Pages: 623-642

DOI: 10.1016/B978-0-12-811033-1.00024-X

Published: 2018

ISBN: 978-0-12-811034-8; 978-0-12-811033-1

Accession Number: WOS:000462130300025

Record 23 of 42

By: Singh, J (Singh, Jatinder); Dhiman, N (Dhiman, Neha); Sharma, NK (Sharma, Neeta Kapur)

Title: Effect of Fe(II) on the Adsorption of Mn(II) from Aqueous Solution Using Esterified Saw Dust: Equilibrium and Thermodynamic Studies

Source: INDIAN CHEMICAL ENGINEER

Volume: 60

Issue: 3

Pages: 255-268

DOI: 10.1080/00194506.2017.1363674

Published: 2018

ISSN: 0019-4506

eISSN: 0975-007X

Accession Number: WOS:000439178700003

Record 24 of 42

By: Zhao, CL (Zhao, Chuanliang); Zheng, HL (Zheng, Huaili); Sun, YJ (Sun, Yongjun); Liu, BZ (Liu, Bingzhi); Zhou, YH (Zhou, Yuhao); Liu, YZ (Liu, Yongzhi); Zheng, XY (Zheng, Xinyu)

Title: Fabrication of Tannin-Based Dithiocarbamate Biosorbent and Its Application for Ni(II) Ion Removal

Source: WATER AIR AND SOIL POLLUTION

Volume: 228

Issue: 11

Article Number: 409

DOI: 10.1007/s11270-017-3593-0

Published: NOV 2017

ISSN: 0049-6979

eISSN: 1573-2932

Accession Number: WOS:000413622000004

Record 25 of 42

By: Gomaa, H (Gomaa, H.); Khalifa, H (Khalifa, H.); Selim, MM (Selim, M. M.); Shenashen, MA (Shenashen, M. A.); Kawada, S (Kawada, S.); Alamoudi, AS (Alamoudi, A. S.); Azzam, AM (Azzam, A. M.); Alhamid, AA (Alhamid, A. A.); El-Safty, SA (El-Safty, S. A.)

Title: Selective, Photoenhanced Trapping/Detrapping of Arsenate Anions Using Mesoporous Blobfish Head TiO₂ Monoliths

Source: ACS SUSTAINABLE CHEMISTRY & ENGINEERING

Volume: 5

Issue: 11

Pages: 10826-10839

DOI: 10.1021/acssuschemeng.7b02766

Published: NOV 2017

ISSN: 2168-0485

Accession Number: WOS:000414825900142

Record 26 of 42

By: Farid, MU (Farid, Muhammad Usman); Luan, HY (Luan, Hong-Yon); Wang, YF (Wang, Yifei); Huang, H (Huang, Haiou); An, AK (An, Alicia Kyoungjin); Khan, RJ (Khan, Rabia Jalil)

Title: Increased adsorption of aqueous zinc species by Ar/O-2 plasma-treated carbon nanotubes immobilized in hollow-fiber ultrafiltration membrane

Source: CHEMICAL ENGINEERING JOURNAL

Volume: 325

Pages: 239-248

DOI: 10.1016/j.cej.2017.05.020

Published: OCT 1 2017

ISSN: 1385-8947

eISSN: 1873-3212

Accession Number: WOS:000403733800024

Record 27 of 42

By: Wieszczycka, K (Wieszczycka, Karolina); Staszak, K (Staszak, Katarzyna)

Title: Polymers in separation processes

Source: PHYSICAL SCIENCES REVIEWS

Volume: 2

Issue: 5

Article Number: UNSP 20160127

DOI: 10.1515/psr-2016-0127

Published: MAY 2017

ISSN: 2365-6581

eISSN: 2365-659X

Accession Number: WOS:000444712900003

Record 28 of 42

By: Mnif, A (Mnif, Amine); Bejaoui, I (Bejaoui, Imen); Mouelhi, M (Mouelhi, Meral); Hamrouni, B (Hamrouni, Bechir)

Title: Hexavalent Chromium Removal from Model Water and Car Shock Absorber Factory Effluent by Nanofiltration and Reverse Osmosis Membrane

Source: INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY

Volume: 2017

Article Number: 7415708

DOI: 10.1155/2017/7415708

Published: 2017

ISSN: 1687-8760

eISSN: 1687-8779

Accession Number: WOS:000407278000001

PubMed ID: 28819360

Record 29 of 42

By: Banerjee, S (Banerjee, Soumya); Mukherjee, S (Mukherjee, Shraboni); LaminKa-ot, A (LaminKa-ot, Augustine); Joshi, SR (Joshi, S. R.); Mandal, T (Mandal, Tamal); Halder, G (Halder, Gopinath)

Title: Biosorptive uptake of Fe²⁺, Cu²⁺ and As⁵⁺ by activated biochar derived from Colocasia esculenta: Isotherm, kinetics, thermodynamics, and cost estimation

Source: JOURNAL OF ADVANCED RESEARCH

Volume: 7

Issue: 5

Pages: 597-610

DOI: 10.1016/j.jare.2016.06.002

Published: SEP 2016

ISSN: 2090-1232

eISSN: 2090-1224

Accession Number: WOS:000384827900001

PubMed ID: 27408763

Record 30 of 42

By: Ramesh, ST (Ramesh, S. T.); Gandhimathi, R (Gandhimathi, R.); Joesun, JH (Joesun, J. Hamoneth); Nidheesh, PV (Nidheesh, P. V.)

Title: Low Cost Biosorbent 'Cyperus Rotundus' for Removal of Cu(II) and Zn(II) from Aqueous Solution with Acid and Alkali Treatments: Kinetic and Equilibrium Studies

Source: ADVANCED POROUS MATERIALS

Volume: 4

Issue: 1

Pages: 46-53

DOI: 10.1166/apm.2016.1096

Published: JUN 2016

ISSN: 2327-3941

eISSN: 2327-395X

Accession Number: WOS:000441620000006

Record 31 of 42

By: Narimani, F (Narimani, Farhad); Lakouraj, MM (Lakouraj, Moslem Mansour)

Title: Poly (acrylic acid-co-acryloyl tetrasodium thiacalix[4]arene tetrasulfonate) grafted dextrin: new supper metal ion adsorbing hydrogels

Source: JOURNAL OF POLYMER RESEARCH

Volume: 23

Issue: 3

Article Number: 62

DOI: 10.1007/s10965-016-0956-y

Published: FEB 27 2016

ISSN: 1022-9760

eISSN: 1572-8935

Accession Number: WOS:000374116600001

Record 32 of 42

By: Mane, S (Mane, Sachin); Ponrathnam, S (Ponrathnam, Surendra); Chavan, N (Chavan, Nayaku)

Title: Selective solid-phase extraction of metal for water decontamination

Source: JOURNAL OF APPLIED POLYMER SCIENCE

Volume: 133

Issue: 1

Article Number: 42849

DOI: 10.1002/app.42849

Published: JAN 5 2016

ISSN: 0021-8995

eISSN: 1097-4628

Accession Number: WOS:000362736300014

Record 33 of 42

By: Pavolova, H (Pavolova, Henrieta); Sabo, S (Sabo, Stefan); Kozakova, L (Kozakova, L'ubica)

Book Group Author(s): SGEM

Title: MUNICIPAL SOLID WASTE INCINERATION FLY-ASH STABILISATION BY CEMENT AND BENTONITE

Source: ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I

Book Series Title: International Multidisciplinary Scientific GeoConference-SGEM

Pages: 455-462

Published: 2016

Conference Title: 16th International Multidisciplinary Scientific Geoconference (SGEM 2016)

Conference Date: JUN 30-JUL 06, 2016

Conference Location: Albena, BULGARIA

Sponsor(s): Bulgarian Acad Sci; Acad Sci Czech Republ; Latvian Acad Sci; Polish Acad Sci; Russian Acad Sci; Serbian Acad Sci & Arts; Slovak Acad Sci; Natl Acad Sci Ukraine; Inst Water Problem & Hydropower NAS KR; Natl Acad Sci Armenia; Sci Council Japan; World Acad Sci; European Acad Sci Arts & Lett; Acad Sci Moldova; Montenegrin Acad Sci & Arts; Croatian Acad Sci & Arts; Georgian Natl Acad Sci; Acad Fine Arts & Design Bratislava; Turkish Acad Sci; Bulgarian Ind Assoc; Bulgarian Minist Environm & Water

ISSN: 1314-2704

ISBN: 978-619-7105-65-0

Accession Number: WOS:000391519100061

Record 34 of 42

By: Sadeek, SA (Sadeek, Sadeek A.); Negm, NA (Negm, Nabel A.); Hefni, HHH (Hefni, Hassan H. H.); Wahab, MMA (Wahab, Mostafa M. Abdel)

Title: Metal adsorption by agricultural biosorbents: Adsorption isotherm, kinetic and biosorbents chemical structures

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

Volume: 81

Pages: 400-409

DOI: 10.1016/j.ijbiomac.2015.08.031

Published: NOV 2015

ISSN: 0141-8130

eISSN: 1879-0003

Accession Number: WOS:000367408300049

PubMed ID: 26282929

Record 35 of 42

By: Wu, SP (Wu, Shuping); Hu, J (Hu, Jiao); Wei, LT (Wei, Liuting); Du, YM (Du, Yumin); Shi, XW (Shi, Xiaowen); Deng, HB (Deng, Hongbing); Zhang, LN (Zhang, Lina)

Title: Construction of porous chitosan-xylan-TiO₂ hybrid with highly efficient sorption capability on heavy metals

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING

Volume: 2

Issue: 3

Pages: 1568-1577

DOI: 10.1016/j.jece.2014.07.001

Published: SEP 2014

ISSN: 2213-2929

eISSN: 2213-3437

Accession Number: WOS:000217963400043

Record 36 of 42

By: Hanif, S (Hanif, Sara); Shahzad, A (Shahzad, Asma)

Title: Removal of chromium(VI) and dye Alizarin Red S (ARS) using polymer-coated iron oxide (Fe₃O₄) magnetic nanoparticles by co-precipitation method

Source: JOURNAL OF NANOPARTICLE RESEARCH

Volume: 16

Issue: 6

Article Number: 2429

DOI: 10.1007/s11051-014-2429-8

Published: MAY 10 2014

ISSN: 1388-0764

eISSN: 1572-896X

Accession Number: WOS:000335655300001

Record 37 of 42

By: Wu, F (Wu, Fan); Zhang, YX (Zhang, Ying Xue); Chen, YL (Chen, Yong Le); Qian, H (Qian, Hao)

Title: Recycle of Ag⁺ and Zn²⁺ with Magnetic Adsorbent in Process of Its Purification from Wastewater

Source: CLEAN-SOIL AIR WATER

Volume: 42

Issue: 1

Pages: 71-80

DOI: 10.1002/clen.201200274

Published: JAN 2014

ISSN: 1863-0650

eISSN: 1863-0669

Accession Number: WOS:000330999200010

Record 38 of 42

By: Bodzek, M (Bodzek, Michal)

Title: INORGANIC MICROPOLLUTANTS REMOVAL BY MEANS OF MEMBRANE PROCESSES - STATE OF THE ART

Source: ECOLOGICAL CHEMISTRY AND ENGINEERING S-CHEMIA I INZYNIERIA EKOLOGICZNA S

Volume: 20

Issue: 4

Pages: 633-658

DOI: 10.2478/eces-2013-0044

Published: 2013

ISSN: 1898-6196

Accession Number: WOS:000330211500002

Record 39 of 42

By: Sezgin, N (Sezgin, Naim); Sahin, M (Sahin, Musa); Yalcin, A (Yalcin, Arzu); Koseoglu, Y (Koseoglu, Yuksel)

Title: Synthesis, Characterization and, the Heavy Metal Removal Efficiency of MFe₂O₄ (M=Ni, Cu) Nanoparticles

Source: EKOLOJI

Volume: 22

Issue: 89

Pages: 89-96

DOI: 10.5053/ekoloji.2013.8911

Published: 2013

ISSN: 1300-1361

Accession Number: WOS:000329479900011

Record 40 of 42

By: Zamani, AA (Zamani, A. A.); Shokri, R (Shokri, R.); Yaftian, MR (Yaftian, M. R.); Parizanganeh, AH (Parizanganeh, A. H.)

Title: Adsorption of lead, zinc and cadmium ions from contaminated water onto Peganum harmala seeds as biosorbent

Source: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY

Volume: 10

Issue: 1

Pages: 93-102

DOI: 10.1007/s13762-012-0107-x

Published: JAN 2013

ISSN: 1735-1472

eISSN: 1735-2630

Accession Number: WOS:000313075200011

Record 41 of 42

By: Bodzek, M (Bodzek, Michal); Konieczny, K (Konieczny, Krystyna); Kwiecinska, A (Kwiecinska, Anna)

Title: Application of membrane processes in drinking water treatment-state of art

Source: DESALINATION AND WATER TREATMENT

Volume: 35

Issue: 1-3

Pages: 164-184

DOI: 10.5004/dwt.2011.2435

Published: NOV 2011

Conference Title: 5th Membrane Science and Technology Conference of Visegrad Countries (PERMEA)

Conference Date: SEP 04-08, 2010

Conference Location: SLOVAKIA

Sponsor(s): Slovak Soc Chem Engn

ISSN: 1944-3994

eISSN: 1944-3986

Accession Number: WOS:000299906700020

Record 42 of 42

By: Aditya, D (Aditya, D.); Rohan, P (Rohan, Parmar); Suresh, G (Suresh, Gupta)

Title: Nano-adsorbents for Wastewater Treatment: A Review

Source: RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT

Volume: 15

Issue: 2

Pages: 1033-1040

Published: JUN 2011

ISSN: 0972-0626

Accession Number: WOS:000294373200186

[Microfiltration of concentrated suspensions of a microparticulate ion-exchanger through a ceramic membrane](#)

By: [Onderkova, Barbora](#); [Schlosser, Stefan](#); [Bakalar, Tomas](#); et al.

Conference: Euromembrance Conference of the European-Membrance-Society Location: Giardini Naxos, ITALY Date: SEP 24-28, 2006

Sponsor(s): Natl Res Council Italy, Inst Membrane Technol; Univ Calabria; Univ Calabria, Dept Chem Engn & Mat; Univ Calabria, Funct Nanstructured Mat, Ctr Excellence

SEPARATION SCIENCE AND TECHNOLOGY Volume: 42 Issue: 13 Special Issue: SI Pages: 3003-3010 Published: 2007

Record 1 of 1

By: Bin Darwis, N (Bin Darwis, Nawaf); Kochkodan, V (Kochkodan, Victor); Hilal, N (Hilal, Nidal)

Title: Microfiltration of micro-sized suspensions of boron-selective resin with PVDF membranes

Source: DESALINATION

Volume: 403

Special Issue: SI

Pages: 161-171

DOI: 10.1016/j.desal.2016.04.018

Published: FEB 1 2017

ISSN: 0011-9164

eISSN: 1873-4464

Accession Number: WOS:000390074300018

[Serpentine waste milling](#)

By: [Lesko, M](#); [Bugel, M](#); [Pietrikova, A](#); et al.

METALURGIJA Volume: 45 Issue: 1 Pages: 31-35 Published: JAN-MAR 2006

Record 1 of 1

By: Lacko, R (Lacko, Roman); Hajduova, Z (Hajduova, Zuzana); Pavolova, H (Pavolova, Henrieta)

Title: Efficiency of mining and quarrying industry of V4 countries: the impact of investments and selected indicators

Source: ACTA MONTANISTICA SLOVACA

Volume: 22

Issue: 2

Pages: 136-145

Published: 2017

ISSN: 1335-1788

Accession Number: WOS:000412231000005

CITÁCIE V DATABÁZE SCOPUS S VYLÚČENÍM CITÁCIÍ V DATABÁZE WOS[Model of sustainable regional development with implementation of brownfield areas](#)[Pavolova H.](#), [Bakalar T.](#), [Emhemed E.M.A.](#), [Hajduova Z.](#), [Pafco M.](#)(2019) *Entrepreneurship and Sustainability Issues*, 6 (3), pp. 1088-1100.

Scopus

EXPORT DATE:20 Oct 2020

Vasyukova, A.T., Alekseev, A.E., Moshkin, A.V., Bondarenko, Y., Utyuzh, A.S., Kulik, A.A.

Relationship of strength of emulsions with content of oil in aqueous solutions of corn flour and dry milk

(2020) *International Journal of Pharmaceutical Research*, 12 (4), pp. 1797-1804.

DOI: 10.31838/ijpr/2020.12.04.256

ISSN: 09752366

DOCUMENT TYPE: Article

Shcherbatyuk, A.P.

Influence of powerful park zones on the state of atmospheric air in urbanized island type geosystems: Manhattan Central Park, New York, USA - A case in point

(2020) *Asia Life Sciences*, Supp22 (2), pp. 329-342.

ISSN: 01173375

DOCUMENT TYPE: Article

Voronkova, O., Vorozheykina, T., Borisov, V., Pilyugina, A., Akhkiamova, G., Smolentsev, V.

Ecological and economic preconditions for the use of fallow land in the development strategy of green economy

(2019) *Journal of Environmental Management and Tourism*, 10 (5), pp. 1011-1019.

DOI: 10.14505/jemt.v10.5(37).08

ISSN: 20687729

DOCUMENT TYPE: Article

Dabyltayeva, N., Rakhymzhan, G.

The green economy development path: Overview of economic policy priorities

(2019) *Journal of Security and Sustainability Issues*, 8 (4), pp. 643-651.

DOI: 10.9770/jssi.2019.8.4(8)

ISSN: 20297017

DOCUMENT TYPE: Article

Vojtech, F., Levický, M., Filip, S.

Economic policy for sustainable regional development: A case study of Slovak Republic

(2019) *Journal of Security and Sustainability Issues*, 8 (4), pp. 597-608.

DOI: 10.9770/jssi.2019.8.4(4)

ISSN: 20297017

DOCUMENT TYPE: Article

Peleckiene, V., Peleckis, K., Peleckis, K.

Economic growth and security of traffic participants

(2019) *Journal of Security and Sustainability Issues*, 8 (4), pp. 653-664.

DOI: 10.9770/jssi.2019.8.4(9)

ISSN: 20297017

DOCUMENT TYPE: Article

Ereshko, F.I., Shevchenko, V.V., Turko, N.I., Kokuytseva, T.V., Ostrovskaya, A.A.

The simulation modeling of the EAEU development scenarios under the influence of various economic factors

(2019) *Espacios*, 40 (42), pp. 1-8. Cited 1 time.

ISSN: 07981015

DOCUMENT TYPE: Article

Beliakov, G., Gretchenko, A., Ryzhaya, A., Shpak, A., Belyakov, S.

The formation of a supply chain strategy for the scientific and technological development of the russian federation regions

(2019) *International Journal of Supply Chain Management*, 8 (6), pp. 1035-1044.

ISSN: 20513771

DOCUMENT TYPE: Article

Chorna, M., Filipishyna, L., Nord, G., Tkachenko, S., Velychko, K.

Analytical support for organizations' economic and environmental safety management

(2019) *Journal of Security and Sustainability Issues*, 8 (3), pp. 413-422.

DOI: 10.9770/jssi.2019.8.3(10)

ISSN: 20297017

DOCUMENT TYPE: Article

Voronkova, O., Sycheva, I., Kovaleva, I., Khasanova, A., Gorovoy, S., Vorozheykina, T.

Assessing the environmental impact of the intensification of agricultural production

(2019) *Journal of Environmental Management and Tourism*, 10 (3), pp. 697-705.

DOI: 10.14505/jemt.v10.3(35).24

ISSN: 20687729

DOCUMENT TYPE: Article

Prodanova, N.A., Davydova, A.S., Sotnikova, L.V., Shevchenko, S.S., Bochkareva, N.G., Polyanskaya, T.A.

Fundamental approaches for the formation of integrated corporate reporting

(2019) *International Journal of Economics and Business Administration*, 7 (3), pp. 293-304.

DOI: 10.35808/ijeba/326

ISSN: 22414754

DOCUMENT TYPE: Article

[Environmental and economic assessment of rainwater application in households](#)

[Pavolova H.](#), [Bakalar T.](#), [Kudelas D.](#), [Puskarova P.](#)

(2019) *Journal of Cleaner Production*, 209, pp. 1119-1125.

Scopus

EXPORT DATE:20 Oct 2020

Rybár, R., Beer, M.

Application potential analysis of heat accumulator for mining mechanisms

(2019) *E3S Web of Conferences*, 134, art. no. 01021, .

DOI: 10.1051/e3sconf/201913401021

ISSN: 25550403

DOCUMENT TYPE: Conference Paper

[Impact of aeration rate and zeolite concentration on the microfiltration flux](#)

[Bakalar T.](#), [Sabo S.](#)

(2017) *Desalination and Water Treatment*, 79, pp. 228-234.

Scopus

EXPORT DATE:20 Oct 2020

Xue, J., Guo, B., Gong, Z.

Physico-chemical processes

(2018) Water Environment Research, 90 (10), pp. 1392-1438.

DOI: 10.2175/106143018X15289915807263

ISSN: 10614303

CODEN: WAERE

DOCUMENT TYPE: Article

[Influence of additives on decrease of temperature of slag flow from energy coal in wet bottom boiler](#)

[Bakalar T., Pavolova H., Khouri S., Pristasova I.](#)

(2017) Metalurgija, 56 (3-4), pp. 402-404.

Scopus

EXPORT DATE:20 Oct 2020

Škvareková, E., Tomašková, M., Wittenberger, G., Zelenák, Š.

Analysis of Risk Factors for Underground Coal Gasification

(2019) Management Systems in Production Engineering, 27 (4), pp. 227-235.

DOI: 10.1515/mspe-2019-0036

ISSN: 22990461

DOCUMENT TYPE: Article

SOURCE: Scopus

[Evaluation of competitiveness of selected geotourist destinations in Slovakia - Case study from the Malá Fatra and Central Spiš area](#)

[Pavolova H., Bakalar T., Pavol M.](#)

(2016) e-Review of Tourism Research, 13 (5-6), pp. 561-574.

Scopus

EXPORT DATE:20 Oct 2020

Dalakis, A., Yfantidou, G., Costa, G., Matsouka, O., Tsitskari, E.

Tourists' perspective and nationality impact on destination competitiveness

(2018) e-Review of Tourism Research, 15 (2-3), pp. 192-222.

ISSN: 19415842

DOCUMENT TYPE: Article

[Metallurgical brownfields re-use in the conditions of Slovakia - A case study](#)

[Khouri S., Pavolova H., Cehlar M., Bakalar T.](#)

(2016) Metalurgija, 55 (3), pp. 500-502.

Scopus

EXPORT DATE:20 Oct 2020

Vasilková-Kmecová, M., Gabániová, L., Róth, B., Puzder, M., Mihaliková, E.

Utilization of a multifactor method of decision making in the field of recovery of ash from metallurgical production

(2018) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 18 (5.3), pp. 991-998.

DOI: 10.5593/sgem2018/5.3/S28.126

ISSN: 13142704

ISBN: 9786197408355; 9786197408362; 9786197408379; 9786197408386;
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9786197408492; 9786197408508; 9786197408515; 9786197408522; 9786197408355
DOCUMENT TYPE: Conference Paper

Čulková, K., Koščo, J., Spišák, J., Kaňuchová, I., Mihaliková, E.
Evaluation of economic return on investment to new production technology
(2018) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 18 (4.2), pp. 65-72.
DOI: 10.5593/sgem2018/4.2/S18.009
ISSN: 13142704

ISBN: 9786197408355; 9786197408362; 9786197408379; 9786197408386;
9786197408393; 9786197408409; 9786197408416; 9786197408423; 9786197408430;
9786197408447; 9786197408454; 9786197408461; 9786197408478; 9786197408485;
9786197408492; 9786197408508; 9786197408515; 9786197408522; 9786197408355
DOCUMENT TYPE: Conference Paper

Koščo, J., Tauš, P., Beer, M., Rybár, R., Kudelas, D.
Forecast trends and new possibilities of using some of selected earth
resources
(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (13), pp. 343-350.
DOI: 10.5593/sgem2017/13/S03.044
ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;
9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;
9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;
9786197408119; 9786197408126; 9786197408133; 9786197408263
DOCUMENT TYPE: Conference Paper

Beer, M., Rybár, R., Koščo, J., Tauš, P., Kudelas, D.
CFD study of selected fluid and thermal characteristic in open-cell metal
foam element for solar thermal applications
(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (42), pp. 119-126.
DOI: 10.5593/sgem2017/42/S17.016
ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;
9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;
9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;
9786197408119; 9786197408126; 9786197408133; 9786197408263
DOCUMENT TYPE: Conference Paper

Čulková, K., Teplická, K., Šimková, Z., Zuzík, J., Naščáková, J.
Investment to real estate renovation with aim to increase energetic
efficiency
(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (53), pp. 547-554.
DOI: 10.5593/sgem2017/53/S21.066
ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;
9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;
9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;
9786197408119; 9786197408126; 9786197408133; 9786197408263
DOCUMENT TYPE: Conference Paper

[Elimination of heavy metals from the material of sludge bed slovinky
Kozakova L., Zelenak M., Bakalar T., Zelenak F.](#)

(2016) Solid State Phenomena, 244 , pp. 228-233.

Scopus

EXPORT DATE:20 Oct 2020

Loch, B., Puškárová, P., Róth, B., Marcin, M., Šándorová, K.

Impact of water quality on water based activities in hornád river basin

(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (52), pp. 507-514.

DOI: 10.5593/sgem2017/52/S20.065

ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;

9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;

9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;

9786197408119; 9786197408126; 9786197408133; 9786197408263

DOCUMENT TYPE: Conference Paper

[Utilization of geothermal energy in Slovakia](#)

[Pavolova H.](#), [Culkova K.](#), [Bakalar T.](#)

(2015) Acta Montanistica Slovaca, 20 (4) , pp. 326-333.

Scopus

EXPORT DATE:20 Oct 2020

Kosco, J., Taus, P., Mihalikova, E., Tausova, M., Kubacki, K.

Energetic potential of geothermal well gth-1 in the tourist area of
Zemplínska Šírava

(2018) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 18 (3.1), pp. 259-266.

DOI: 10.5593/sgem2018/3.1/S12.034

ISSN: 13142704

ISBN: 9786197408355; 9786197408362; 9786197408379; 9786197408386;

9786197408393; 9786197408409; 9786197408416; 9786197408423; 9786197408430;

9786197408447; 9786197408454; 9786197408461; 9786197408478; 9786197408485;

9786197408492; 9786197408508; 9786197408515; 9786197408522; 9786197408355

DOCUMENT TYPE: Conference Paper

Tometzová, D., Hlavňová, B.

The interactive videotour and its use for geotourism development of
forgotten artificial water reservoirs in selected mining area

(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (51), pp. 967-972.

DOI: 10.5593/sgem2017/51/S20.031

ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;

9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;

9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;

9786197408119; 9786197408126; 9786197408133; 9786197408263

DOCUMENT TYPE: Conference Paper

Loch, B., Puškárová, P., Róth, B., Marcin, M., Šándorová, K.

Impact of water quality on water based activities in hornád river basin

(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (52), pp. 507-514.

DOI: 10.5593/sgem2017/52/S20.065

ISSN: 13142704

ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;

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9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;

9786197408119; 9786197408126; 9786197408133; 9786197408263

DOCUMENT TYPE: Conference Paper

[Marketing strategy of building stones mining industry in Slovakia](#)[Hlavnova B.](#), [Pavolova H.](#), [Bakalar T.](#), [Pavol M.](#)

(2014) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 3 (5) , pp. 261-267.

Scopus

EXPORT DATE:21 Oct 2020

Muchová, M., Domaracká, L., Štrba, L., Kršák, B., Adamkovič, J.
Economic of non-metallic materials in the slovak republic in the european context

(2016) Production Management and Engineering Sciences - Scientific Publication of the International Conference on Engineering Science and Production Management, ESPM 2015, pp. 491-496.

DOI: 10.1201/b19259-88

ISBN: 9781138028562

DOCUMENT TYPE: Conference Paper

[Development of Košice region by implementation of environmental projects in the field of water management - Case study](#)[Pavolova H.](#), [Csikosova A.](#), [Bakalar T.](#)

(2014) Ekologia Bratislava, 33 (4) , pp. 380-390.

Scopus

EXPORT DATE:21 Oct 2020

Adamisin, P., Kotulic, R., Mura, L., Kravcakova Vozarova, I., Vavrek, R.
Managerial approaches of environmental projects: An empirical study
[Menedżerskie podejścia do projektów środowiskowych: Badanie empiryczne]

(2018) Polish Journal of Management Studies, 17 (1), pp. 27-38.

DOI: 10.17512/pjms.2018.17.1.03

ISSN: 20817452

DOCUMENT TYPE: Article

Šlosár, D., Puzder, M.

Alternative storage of ashes to reduce the impacts to the environment

(2016) XVIII International Coal Preparation Congress: 28 June-01 July 2016
Saint-Petersburg, Russia, pp. 667-671.

DOI: 10.1007/978-3-319-40943-6_103

ISBN: 9783319409436; 9783319409429

DOCUMENT TYPE: Book Chapter

[Solidification of MSWI fly-ash with regard to hazardous metals leaching](#)[Kozakova L.](#), [Bakalar T.](#), [Zelenak M.](#), [Prasackova M.](#)

(2013) Acta Montanistica Slovaca, 18 (2) , pp. 129-139.

Scopus

EXPORT DATE:21 Oct 2020

Hao, Y., Xu, H., Bai, G., Wang, Y., Chen, C., Wang, X., Cai, L.
Stabilization/solidification of Cd, Pb and Zn in municipal solid waste incineration (MSWI) fly ash with chelating agent and cement [垃圾焚烧飞灰中 Cd, Pb, Zn的螯合稳定与水泥固化处理]

(2018) Chinese Journal of Environmental Engineering, 12 (8), pp. 2357-2362.

DOI: 10.12030/j.cjee.201803036

ISSN: 16739108

DOCUMENT TYPE: Article

Zheng, H., Liu, Q., Meng, F., Zhu, B., Lan, Y., Ding, J.
Effect of addition of MSWI fly ash on metallurgical properties of sinter
(2015) Chinese Journal of Environmental Engineering, 9 (8), pp. 3970-3974.
ISSN: 16739108
DOCUMENT TYPE: Article

[Brownfields as a tool for support of regional development of slovakia](#)

[Pavolova H.](#), [Csikosova A.](#), [Bakalar T.](#)

(2012) Applied Mechanics and Materials, 209-211 , pp. 1679-1683.

Scopus

EXPORT DATE:21 Oct 2020

Šofranko, M.

Methodology of risk analysis of endogenous fire in coal mines
(2014) Advanced Materials Research, 962-965, pp. 1153-1157.
DOI: 10.4028/www.scientific.net/AMR.962-965.1153
ISSN: 10226680
ISBN: 9783038351375
DOCUMENT TYPE: Conference Paper

[Increase of alternative and renewable energy sources utilization in Slovakia by 2020 in comparison to other selected eu countries](#)

[Pavolova H.](#), [Senova A.](#), [Bakalar T.](#)

(2012) Applied Mechanics and Materials, 152-154 , pp. 495-500.

Scopus

EXPORT DATE:21 Oct 2020

Kosco, J., Taus, P., Mihalikova, E., Tausova, M., Kubacki, K.
Energetic potential of geothermal well gth-1 in the tourist area of
Zemplínska Šírava
(2018) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 18 (3.1), pp. 259-266.
DOI: 10.5593/sgem2018/3.1/S12.034
ISSN: 13142704
ISBN: 9786197408355; 9786197408362; 9786197408379; 9786197408386;
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9786197408447; 9786197408454; 9786197408461; 9786197408478; 9786197408485;
9786197408492; 9786197408508; 9786197408515; 9786197408522; 9786197408355
DOCUMENT TYPE: Conference Paper

Tudoš, D., Róth, B., Šlosár, D., Jeňo, M., Kalavský, M.

Support measures strategy and renewable energy sources funding
opportunities in selected eu countries until 2020
(2017) International Multidisciplinary Scientific GeoConference Surveying
Geology and Mining Ecology Management, SGEM, 17 (53), pp. 823-830.
DOI: 10.5593/sgem2017/53/S21.100
ISSN: 13142704
ISBN: 9786197105001; 9786197105988; 9786197105995; 9786197408003;
9786197408010; 9786197408027; 9786197408034; 9786197408041; 9786197408058;
9786197408065; 9786197408072; 9786197408089; 9786197408096; 9786197408102;
9786197408119; 9786197408126; 9786197408133; 9786197408263
DOCUMENT TYPE: Conference Paper

Hlavnova, B., Svitekova, M., Simonidesova, J.

Analysis of the energy mix of Slovakia in the context of improvement of quality of the environment

(2012) *Komunikacie*, 14 (4 A), pp. 68-72.

ISSN: 13354205

DOCUMENT TYPE: Review

SOURCE: Scopus

[Impact of gas extraction from coal deposits on the environment](#)

[Skvarekova E.](#), [Bakalar T.](#)

(2011) 11th International Multidisciplinary Scientific Geoconference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2011, 1, pp. 795-800.

Scopus

EXPORT DATE:21 Oct 2020

Čulková, K., Domaracká, L., Taušová, M., Pavolová, H., Benčová, B.

Influence of investment to the living environment protection to the economy of the company

(2016) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 3, pp. 297-304.

DOI: 10.5593/SGEM2016/B53/S21.038

ISSN: 13142704

ISBN: 9786197105575; 9786197105605; 9786197105674; 9786197105551

DOCUMENT TYPE: Conference Paper

Dolínková, K., Ožana, K., Snopek, L., Cerná, K., Dorazu, V.

Protection of environment during escaping of methane from abandoned mines in Czech Republic

(2012) 12th International Multidisciplinary Scientific GeoConference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2012, 1, pp. 749-756.

DOCUMENT TYPE: Conference Paper

[Influence of road salts on the processes in activation tanks of wastewater plants](#)

[Horniakova E.](#), [Bugel M.](#), [Bakalar T.](#)

(2010) *Chemicke Listy*, 104 (4), pp. 257-260.

Scopus

EXPORT DATE:21 Oct 2020

Kadukova, J., Pristas, P.

Biocorrosion-microbial action

(2018) *Encyclopedia of Interfacial Chemistry: Surface Science and Electrochemistry*, pp. 20-27.

DOI: 10.1016/B978-0-12-409547-2.13500-0

ISBN: 9780128098943; 9780128097397

DOCUMENT TYPE: Book Chapter

Škvareková, E., Wittenberger, G., Šofranko, M.

Tar related issues in underground coal gasification

(2016) *Acta Montanistica Slovaca*, 21 (4), pp. 298-305.

ISSN: 13351788

DOCUMENT TYPE: Article

Šofranko, M., Škvareková, E., Wittenberger, G.

Working fluids used for drilling deep boreholes

(2014) *Applied Mechanics and Materials*, 508, pp. 150-155.

DOI: 10.4028/www.scientific.net/AMM.508.150

ISSN: 16609336
ISBN: 9783038350163
DOCUMENT TYPE: Conference Paper

Kaduková, J., Škvareková, E., Mikloš, V., Marcinčáková, R.
Assessment of microbially influenced corrosion risk in slovak pipeline transmission network
(2014) Journal of Failure Analysis and Prevention, 14 (2), pp. 191-196.
DOI: 10.1007/s11668-014-9782-x
ISSN: 15477029
DOCUMENT TYPE: Article

[Heavy metal removal using reverse osmosis](#)

[Bakalar T.](#), [Bugel M.](#), [Gajdosova L.](#)

(2009) Acta Montanistica Slovaca, 14 (3) , pp. 250-253.

Scopus

EXPORT DATE:21 Oct 2020

Zhu, F., Zheng, Y.-M., Zhang, B.-G., Dai, Y.-R.
A critical review on the electrospun nanofibrous membranes for the adsorption of heavy metals in water treatment
(2021) Journal of Hazardous Materials, 401, art. no. 123608, .
DOI: 10.1016/j.jhazmat.2020.123608
ISSN: 03043894
CODEN: JHMAD
DOCUMENT TYPE: Review

Benabbes, M., Elfrom, H., Azmany, K., Lamrini, R., Bouatia, M.
Implementation of ICH Q3D guideline for elemental impurities in a moroccan pharmaceutical industry: Case of liquid drug product
(2020) International Journal of Pharmaceutical Research, 12, pp. 910-919.
DOI: 10.31838/ijpr/2020.SP1.141
ISSN: 09752366
DOCUMENT TYPE: Article

Atkovska, K., Lisichkov, K., Ruseska, G., Dimitrov, A.T., Grozdanov, A.
Removal of heavy metal ions from wastewater using conventional and nanosorbents: A review
(2018) Journal of Chemical Technology and Metallurgy, 53 (2), pp. 202-217.
ISSN: 13147471
DOCUMENT TYPE: Article

Wieszczycka, K., Staszak, K.
Polymers in separation processes
(2017) Polymer Engineering, pp. 235-275.
DOI: 10.1515/9783110468281-008
ISBN: 9783110469745; 9783110468281
DOCUMENT TYPE: Book Chapter

Raval, N.P., Shah, P.U., Shah, N.K.
Adsorptive removal of nickel(II) ions from aqueous environment: A review
(2016) Journal of Environmental Management, 179, pp. 1-20.
DOI: 10.1016/j.jenvman.2016.04.045
ISSN: 03014797
CODEN: JEVMA
DOCUMENT TYPE: Review

Atkovska, K., Bliznakovska, B., Ruseska, G., Bogoevski, S., Boskovski, B., Grozdanov, A.

Adsorption of Fe(II) and Zn(II) ions from landfill leachate by natural bentonite
(2016) Journal of Chemical Technology and Metallurgy, 51 (2), pp. 215-222.
ISSN: 13147471
DOCUMENT TYPE: Article

Bodzek, M.
Membrane technologies for the removal of micropollutants in water treatment
(2015) Advances in Membrane Technologies for Water Treatment: Materials, Processes and Applications, pp. 465-517.
DOI: 10.1016/B978-1-78242-121-4.00015-0
ISBN: 9781782421269; 9781782421214
DOCUMENT TYPE: Book Chapter

Lesso, I., Flegner, P., Feriancikova, K., Sabova, Z.
Some problems in application of the theory of abstract spaces
(2013) Proceedings of the 2013 14th International Carpathian Control Conference, ICC 2013, art. no. 6560540, pp. 212-217.
DOI: 10.1109/CarpathianCC.2013.6560540
ISBN: 9781467344890
DOCUMENT TYPE: Conference Paper

Pavolová, H., Csikosová, A., Čulková, K., Antošová, M.
Efficiency of pollutants removal in Košice area with respect of living quality increasing
(2012) Applied Mechanics and Materials, 152-154, pp. 489-494.
DOI: 10.4028/www.scientific.net/AMM.152-154.489
ISSN: 16609336
ISBN: 9783037853528
DOCUMENT TYPE: Conference Paper

[Examination of the mutual interaction of heavy metals in course of adsorption from model solutions](#)

[Veres J., Bakalár T., Bugel M., Sisol M.](#)

(2008) Chemické Listy, 102 (15 SPEC. ISS.), pp. s503-s504.

Scopus

EXPORT DATE:21 Oct 2020

Janošková, K., Müller, G.
Biosorption of cadmium from aqueous solutions using orange peel, walnut and hazelnut shell
(2011) 11th International Multidisciplinary Scientific Geoconference and EXPO - Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2011, 3, pp. 799-806.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890602385&partnerID=40&md5=3df9d5a2a130f43c3f97d30037061b56>

DOCUMENT TYPE: Conference Paper

[Development of processing technology and mathematical model of modification of magnesite raw material](#)

[Lesko M., Bugel M., Bakalár T.](#)

(2002) Boletim Paranaense de Geociências, (50), pp. 69-80.

Scopus

EXPORT DATE:21 Oct 2020

Šimková, Z., Cehlár, M., Pavolová, H.

Strategy of point out relevance of responsible exploitation of mineral resources

(2016) *Acta Montanistica Slovaca*, 21 (3), pp. 208-216.

ISSN: 13351788

DOCUMENT TYPE: Article

Šofranko, M., Zeman, R.

Simulation of pipeline transport backfill mixtures

(2014) *Proceedings of the 2014 15th International Carpathian Control Conference, ICC 2014*, art. no. 6843671, pp. 578-583.

DOI: 10.1109/CarpathianCC.2014.6843671

ISBN: 9781479935284

DOCUMENT TYPE: Conference Paper

Laciak, M., Šofranko, M.

Optimization of device selection in design of technological lines for the aggregates production

(2014) *Applied Mechanics and Materials*, 611, pp. 387-394.

DOI: 10.4028/www.scientific.net/AMM.611.387

ISSN: 16609336

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