

CITÁCIE V DATABÁZE WOS

[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

Record 1 of 1

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

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

Source: JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH **Volume:** 338 **Pages:** 1-24 **DOI:** 10.1016/j.jvolgeores.2017.03.009 **Published:** MAY 15 2017

Accession Number: WOS:000402944500001

ISSN: 0377-0273

eISSN: 1872-6097

[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 1

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

Author(s): 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.)

Source: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY **Volume:** 17 **Issue:** 3 **Pages:** 1037-1047 **Published:** 2016

Accession Number: WOS:000385910400023

Author Identifiers:

Author ResearcherID NumberORCID Number

Ionel, Ioana G-1021-2016

ISSN: 1311-5065

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

By: Zelenakova, Maria; Pavolova, Henrieta; Bakalar, Tomas

Edited by: Baskan, GA; Ozdamli, F; Kanbul, S; et al.

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 1

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

Author(s): Olojede, JC (Olojede, Joy C.)

Source: SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT **Volume:** 16 **Issue:** 3 **Pages:** 207-210 **Published:** 2016

Accession Number: WOS:000407959000029

ISSN: 2284-7995

eISSN: 2285-3952

[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 6

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

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

Source: WATER RESEARCH **Volume:** 120 **Pages:** 88-116 **DOI:** 10.1016/j.watres.2017.04.014 **Published:** SEP 1 2017

Accession Number: WOS:000403431000009

PubMed ID: 28478298

Author Identifiers:

Author	ResearchID Number	ORCID Number
Hosseini-Bandegharai, Ahmad		0000-0002-1280-479X

ISSN: 0043-1354

Record 2 of 6

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

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 57 **Issue:** 46 **Pages:** 21827-21841 **DOI:** 10.1080/19443994.2015.1128986 **Published:** 2016

Accession Number: WOS:000384060500015

ISSN: 1944-3994

eISSN: 1944-3986

Record 3 of 6

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

resin

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 57 **Issue:** 41 **Pages:** 19510-19518 **DOI:** 10.1080/19443994.2015.1101018 **Published:** 2016

Accession Number: WOS:000382585200043

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Maicaneanu, Andrada	B-6028-2011	

ISSN: 1944-3994

eISSN: 1944-3986

Record 4 of 6

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

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 56 **Issue:** 11 **Pages:** 2925-2936 **DOI:** 10.1080/19443994.2014.968214 **Published:** DEC 11 2015

Accession Number: WOS:000364207800016

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Teju, Dr. Endale		0000-0003-2455-262X

ISSN: 1944-3994

eISSN: 1944-3986

Record 5 of 6

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

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 52 **Issue:** 40-42 **Pages:** 7822-7837 **DOI:** 10.1080/19443994.2013.831789 **Published:** DEC 6 2014

Accession Number: WOS:000346576000037

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Lade, Vikesh		0000-0003-1059-3420

ISSN: 1944-3994

eISSN: 1944-3986

Record 6 of 6

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

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 52 **Issue:** 1-3 **Pages:** 438-445 **DOI:** 10.1080/19443994.2013.808454 **Published:** JAN 2 2014

Accession Number: WOS:000330106200045

ISSN: 1944-3994

eISSN: 1944-3986

REMOVAL OF NICKEL BY NATURAL AND MAGNETICALLY MODIFIED BENTONITE

By: Veres, J.; Orolinova, Z.; Mockovciakova, A.; et al.

Edited by: Vaclavikova, M; Vitale, K; Gallios, GP; 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 6

Title: Adsorption of nickel on illite/smectite Dolna Ves

Author(s): 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)

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 307 **Issue:** 1 **Pages:** 179-185 **DOI:** 10.1007/s10967-015-4110-9 **Published:** JAN 2016

Accession Number: WOS:000372264900024

ISSN: 0236-5731

eISSN: 1588-2780

Record 2 of 6

Title: Adsorption of nickel on rhyolitic Slovak bentonites

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

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 304 **Issue:** 2 **Pages:** 587-593 **DOI:** 10.1007/s10967-014-3832-4 **Published:** MAY 2015

Accession Number: WOS:000351857600014

Author Identifiers:

Author ResearcherID NumberORCID Number

Galambos, Michal M-8579-2015

Krajnak, Adrian M-9493-2015

ISSN: 0236-5731

eISSN: 1588-2780

Record 3 of 6

Title: Adsorption of nickel on andesitic bentonite Lieskovec

Author(s): Pivarciova, L (Pivarciova, L.); Krajnak, A (Krajnak, A.); Roskopfova, O

(Rosskopfova, O.); Galambos, M (Galambos, M.); Rajec, P (Rajec, P.)

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 304 **Issue:** 2 **Pages:** 851-858 **DOI:** 10.1007/s10967-014-3896-1 **Published:** MAY 2015

Accession Number: WOS:000351857600045

Author Identifiers:

Author ResearchID NumberORCID Number

Galambos, Michal M-8579-2015

Krajnak, Adrian M-9493-2015

ISSN: 0236-5731

eISSN: 1588-2780

Record 4 of 6

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

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

Source: WATER AIR AND SOIL POLLUTION **Volume:** 226 **Issue:** 1 **Article Number:** 2212 **DOI:** 10.1007/s11270-014-2212-6 **Published:** JAN 2015

Accession Number: WOS:000346609300005

ISSN: 0049-6979

eISSN: 1573-2932

Record 5 of 6

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

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

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 293 **Issue:** 2 **Pages:** 613-633 **DOI:** 10.1007/s10967-012-1717-y **Published:** AUG 2012

Accession Number: WOS:000306070700022

Author Identifiers:

Author ResearchID NumberORCID Number

Suchanek, Pavol M-8598-2015

Galambos, Michal M-8579-2015

ISSN: 0236-5731

Record 6 of 6

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

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

Source: JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 288 **Issue:** 3 **Pages:** 765-777 **DOI:** 10.1007/s10967-011-0987-0 **Published:** JUN 2011

Accession Number: WOS:000290040000018

Author Identifiers:

Author ResearchID NumberORCID Number

Galambos, Michal M-8579-2015

ISSN: 0236-5731

[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 16

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

Author(s): 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.)

Source: ACS SUSTAINABLE CHEMISTRY & ENGINEERING **Volume:** 5 **Issue:** 11 **Pages:** 10826-10839 **DOI:** 10.1021/acssuschemeng.7b02766 **Published:** NOV 2017

Accession Number: WOS:000414825900142

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Shenashen, Mohamed		0000-0003-1592-5877

ISSN: 2168-0485

Record 2 of 16

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

Author(s): 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)

Source: WATER AIR AND SOIL POLLUTION **Volume:** 228 **Issue:** 11 **Article Number:** 409 **DOI:** 10.1007/s11270-017-3593-0 **Published:** NOV 2017

Accession Number: WOS:000413622000004

ISSN: 0049-6979

eISSN: 1573-2932

Record 3 of 16

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

Author(s): 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)

Source: CHEMICAL ENGINEERING JOURNAL **Volume:** 325 **Pages:** 239-248 **DOI:** 10.1016/j.cej.2017.05.020 **Published:** OCT 1 2017

Accession Number: WOS:000403733800024

Author Identifiers:

Number: 42849 **DOI:** 10.1002/app.42849 **Published:** JAN 5 2016

Accession Number: WOS:000362736300014

ISSN: 0021-8995

eISSN: 1097-4628

Record 8 of 16

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

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

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES **Volume:** 81 **Pages:** 400-409 **DOI:** 10.1016/j.ijbiomac.2015.08.031 **Published:** NOV 2015

Accession Number: WOS:000367408300049

PubMed ID: 26282929

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Hefni, Hassan	R-4445-2017	0000-0002-0891-2894

ISSN: 0141-8130

eISSN: 1879-0003

Record 9 of 16

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

Author(s): 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)

Source: JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING **Volume:** 2 **Issue:** 3 **Pages:** 1568-1577 **DOI:** 10.1016/j.jece.2014.07.001 **Published:** SEP 2014

Accession Number: WOS:000217963400043

ISSN: 2213-3437

Record 10 of 16

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

Author(s): Hanif, S (Hanif, Sara); Shahzad, A (Shahzad, Asma)

Source: JOURNAL OF NANOPARTICLE RESEARCH **Volume:** 16 **Issue:** 6 **Article Number:** 2429 **DOI:** 10.1007/s11051-014-2429-8 **Published:** MAY 10 2014

Accession Number: WOS:000335655300001

ISSN: 1388-0764

eISSN: 1572-896X

Record 11 of 16

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

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

Source: CLEAN-SOIL AIR WATER **Volume:** 42 **Issue:** 1 **Pages:** 71-80 **DOI:** 10.1002/clen.201200274 **Published:** JAN 2014

Accession Number: WOS:000330999200010

ISSN: 1863-0650

eISSN: 1863-0669

Record 12 of 16

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

Author(s): Bodzek, M (Bodzek, Michal)

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

Accession Number: WOS:000330211500002

ISSN: 1898-6196

Record 13 of 16

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

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

Source: EKOLOJI **Volume:** 22 **Issue:** 89 **Pages:** 89-96 **DOI:** 10.5053/ekoloji.2013.8911 **Published:** 2013

Accession Number: WOS:000329479900011

ISSN: 1300-1361

Record 14 of 16

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

Author(s): Zamani, AA (Zamani, A. A.); Shokri, R (Shokri, R.); Yafitian, MR (Yafitian, M. R.); Parizanganeh, AH (Parizanganeh, A. H.)

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

Accession Number: WOS:000313075200011

ISSN: 1735-1472

Record 15 of 16

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

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

Source: DESALINATION AND WATER TREATMENT **Volume:** 35 **Issue:** 1-3 **Pages:**

164-184 **DOI:** 10.5004/dwt.2011.2435 **Published:** NOV 2011

Accession Number: WOS:000299906700020

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

Conference Date: SEP 04-08, 2010

Conference Location: SLOVAKIA

Conference Sponsors: Slovak Soc Chem Engn

ISSN: 1944-3994

Record 16 of 16

Title: Nano-adsorbents for Wastewater Treatment: A Review

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

Source: RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT **Volume:** 15 **Issue:** 2 **Pages:** 1033-1040 **Published:** JUN 2011

Accession Number: WOS:000294373200186

ISSN: 0972-0626

[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

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

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

Source: DESALINATION **Volume:** 403 **Special Issue:** SI **Pages:** 161-171 **DOI:** 10.1016/j.desal.2016.04.018 **Published:** FEB 1 2017

Accession Number: WOS:000390074300018

Author Identifiers:

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Hilal, Nidal		0000-0001-7885-4020

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