

## Zoznam publikačnej činnosti

**Mgr. Marek Osacký, PhD.**

### ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

ACB01 Osacký, Marek [UKOPRGMPLG] (39% [5,85 AH]) - Šucha, Vladimír (9% [1,36 AH]) - Uhlík, Peter [UKOPRGMPLG] (11% [1,73 AH]) - Majzlan, Juraj (9% [1,32 AH]) - Madejová, Jana (13% [2,01 AH]) - Komadel, Peter (7% [1,06 AH]) - Šimon, Peter (8% [1,29 AH]) - Bujdák, Juraj [UKOPRCFZ] (4% [0,57 AH]): Laboratórne postupy úpravy a metódy výskumu nerudných surovín. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2021. - 156 s. [15,19 AH] [print]  
Lit.: 52 záz.  
ISBN 978-80-223-5285-7  
Bačík, Peter [rec.]  
Stríček, Igor [rec.]

### ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Osacký, Marek [UKOPRGMPLG] (50%) - Šucha, Vladimír [UKOPRGLG] (30%) - Czímerová, A. (10%) - Madejová, J. (10%): Reaction of smectites with iron in a nitrogen atmosphere at 75 degrees C  
Lit.: 45 záz., 9 obr., 2 tab.  
In: Applied Clay Science. - Vol. 50, No. 2 (2010), s. 237-244. - ISSN 0169-1317  
*Indikátor časopisu:*  
IF (JCR) 2010=2,303  
*Ohlasy (28):*  
[o3] 2011 Galamboš, M. - Roskopfová, O. - Rajec, P.: Geotechnické požiadavky na bentonitové bariéry v hlbinných úložiskách pre radioaktívny odpad a vyhoreté jadrové palivo. In: Bezpečnosť jaderné energie, roč. 19, č. 1/2, 2011, s. 44  
[o4] 2011 Paučová, V. - Roskopfová, O. - Galamboš, M.: Vplyv kyseliny šťaveľovej na adsorpciu Cs(I) na bentonitových horninách. In: Študentská vedecká konferencia PriF UK 2011. Bratislava : Univerzita Komenského, 2011, S. 1014  
[o1] 2011 Galambos, M. - Roskopfova, O. - Kufcakova, J. - Rajec, P.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 288, No. 3, 2011, s. 765-777 - SCI  
[o1] 2012 Galamboš, M. - Suchánek, P. - Roskopfová, O.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 293, No. 2, 2012, s. 613-633 - SCI  
[o3] 2012 Daňo, M. - Galamboš, M. - Roskopfová, O. - Rajec, P.: Effect of gamma-irradiation on Mössbauer spectra shift of bentonites. In: Bezpečnosť jaderné energie, roč. 20, č. 11/12, 2012, s. 364  
[o1] 2012 Galambos, M. - Dano, M. - Roskopfova, O. - Sersen, F. - Kufcakova, J. - Adamcova, R. - Rajec, P.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 292, No. 2, 2012, s. 481-492 - SCI  
[o1] 2012 Lanson, B. - Lantenois, S. - van Aken, P.A. - Bauer, A. - Plancon, A.: American Mineralogist, Vol. 97, No. 5-6, 2012, s. 864-871 - SCI  
[o1] 2012 Jodin-Caumon, M.-C. - Mosser-Ruck, R. - Randi, A. - Pierron, O. - Cathelineau, M. - Michau, N.: Clays and Clay Minerals, Vol. 60, No. 5, 2012, s. 443-455 - SCOPUS  
[o4] 2012 Uhlík, P. - Jánošík, M. - Kraus, I. - Pentrák, M. - Čaplovičová, M.: Charakterizácia bentonitu z ložiska Hliník nad Hronom (jastrabská formácia štiavnického stratovulkánu, Západné Karpaty). In: Acta Geologica Slovaca, Vol. 4, No. 2, 2012, s. 137  
[o1] 2013 Rivard, C. - Pelletier, M. - Michau, N. - Razafitianamaharavo, A. - Bihannic, I. - Abdelmoula, M. - Ghanbaja, J. - Villiéras, F.: American Mineralogist, Vol. 98, No. 1, 2013, s. 163-180 - SCOPUS  
[o3] 2013 Jesenák, K. - Galamboš, M. - Daňo, M. - Kurek, M. - Roskopfová, O.: Stanovenie hydraulických vlastností bentonitových hornín. In: Bezpečnosť jaderné energie, roč. 21, č. 11/12, 2013, s. 335  
[o1] 2014 Adamcová, R. - Suraba, V. - Krajnak, A. - Roskopfová, O. - Galamboš, M.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 302, No. 1, 2014, s. 737-743 - SCI  
[o1] 2015 Kaufhold, S. - Hassel, A.W. - Sanders, D. - Dohrmann, R.: Journal of Hazardous Materials, Vol. 285, March, 2015, s. 464-473 - SCOPUS

- [o1] 2015 Krajňák, A. - Pivarčiová, L. - Rosskopfová, O. - Galamboš, M. - Rajec, P.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 304, No. 2, 2015, s. 587-593 - SCOPUS
- [o1] 2015 Pivarčiová, L. - Krajňák, A. - Rosskopfová, O. - Galamboš, M. - Rajec, P.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 304, No. 2, 2015, s. 851-858 - SCOPUS
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- [o1] 2015 Le Pape, P. - Rivard, C. - Pelletier, M. - Bihannic, I. - Gley, R. - Mathieu, S. - Salsi, L. - Migot, S. - Barres, O. - Villiéras, F. - Michau, N.: Applied Geochemistry, Vol. 61, October, 2015, s. 62-71 - SCOPUS
- [o1] 2015 Savage, D. - Liu, J.: Applied Clay Science, Vol. 116-117, November, 2015, s. 16-22 - SCOPUS
- [o1] 2015 Wersin, P. - Jenni, A. - Mäder, U.K.: Clays and Clay Minerals, Vol. 63, No. 1, 2015, s. 51-68 - SCOPUS
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- [o1] 2016 Rosskopfová, O. - Pivarčiová, L. - Krajňák, A. - Galamboš, M. - Rajec, P.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 307, No. 1, 2016, s. 179-185 - SCOPUS
- [o1] 2016 Kaufhold, S. - Dohrmann, R.: Clay Minerals, Vol. 51, No. 2, 2016, s. 289-302 - SCOPUS
- [o1] 2016 Mosser-Ruck, R. - Pignatelli, I. - Bourdelle, F. - Abdelmoula, M. - Barres, O. - Guillaume, D. - Charpentier, D. - Rousset, D. - Cathelineau, M. - Michau, N.: Contributions to Mineralogy and Petrology, Vol. 171, No. 11, 2016, Art. No. 97 - SCOPUS
- [o1] 2017 Kaufhold, S. - Dohrmann, R. - Götze, N. - Svensson, D.: Clays and Clay Minerals, Vol. 65, No. 1, 2017, s. 27-41 - SCOPUS
- [o1] 2018 Cheshire, M.C. - Caporuscio, F.A. - Jové Colón, C.F. - Norskog, K.E.: Journal of Nuclear Materials, Vol. 511, December, 2018, s. 353-366 - SCI ; SCOPUS
- [o1] 2020 Kaufhold, S. - Klimke, S. - Schloemer, S. - Alpermann, T. - Renz, F. - Dohrmann, R.: About the Corrosion Mechanism of Metal Iron in Contact with Bentonite. In: ACS Earth and Space Chemistry, Vol. 4, No. 5, 2020, s. 711-721 - SCOPUS
- [o1] 2020 Mosser-Ruck, R. - Sterpenich, J. - Michau, N. - Jodin-Caumon, M.-C. - Randi, A. - Abdelmoula, M. - Barres, O. - Cathelineau, M.: Serpentinization and H<sub>2</sub> production during an iron-clay interaction experiment at 90C under low CO<sub>2</sub> pressure. In: Applied Clay Science, Vol. 191, 2020, Art. No. 105609 - SCOPUS
- [o1] 2020 Kaufhold, S. - Schippers, A. - Marx, A. - Dohrmann, R.: SEM study of the early stages of Fe-bentonite corrosion-The role of naturally present reactive silica. In: Corrosion Science, Vol. 171, 2020, Art. No. 108716 - SCOPUS

ADC02 Galamboš, Michal [UKOPRCJD] (50%) - Osacký, Marek [UKOPRGMPLG] (15%) - Rosskopfová, Oľga [UKOPRCJD] (20%) - Krajňák, Adrián (10%) - Rajec, Pavol [UKOPRCJD] (5%): Comparative study of strontium adsorption on dioctahedral and trioctahedral smectites

Lit.: 95 zázň., 4 obr., 3 tab.

In: Journal of Radioanalytical and Nuclear Chemistry. - Vol. 293, No. 3 (2012), s. 889-897. - ISSN 0236-5731  
*Indikátor časopisu:*

IF (JCR) 2012=1,467

*Ohlasy (26):*

- [o1] 2013 Wang, L. - Wan, C.L. - Lee, D.J. - Tay, J.H. - Chen, X.F. - Liu, X. - Zhang, Y.: Journal of the Taiwan Institute of Chemical Engineers, Vol. 44, No. 3, 2013, s. 454-457 - SCI
- [o3] 2013 Mockovčiaková, A. - Danková, Z. - Briančin, J.: Surface and structure study of clay-based composites after thermal treatment. In: Archives for Technical Sciences, Vol. 8, No. 1, 2013, s. 56
- [o4] 2013 Danková, Z. - Schutz, R. - Dolinská, S. - Hudec, P. - Zorkovská, A. - Mockovčiaková, A.: Povrchové vlastnosti zmesi natrifikovaného bentonitu a kremenného piesku. In: Prírodné a syntetické zeolity na Slovensku. Zborník príspevkov. Bratislava : STU, 2013, S. 157
- [o1] 2013 Chmielewská, E.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 298, No. 2, 2013, s. 1023-1029 - SCI ; SCOPUS
- [o3] 2013 Danková, Z. - Mockovčiaková, A. - Orolínová, M.: Cd(II) Adsorption by Magnetic Clay Composite under the Ultrasound Irradiation. In: Energy and Environmental Engineering, Vol. 1, No. 2, 2013, s. 74-80
- [o3] 2013 Urch, D.S.: Radiochemistry. In: Annual Reports on the Progress of Chemistry - Section A, Vol. 109, August, 2013, s. 468-483

- [o1] 2014 Jia, W. - Lu, S.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 299, No. 3, 2014, s. 1417-1426 - SCOPUS
- [o1] 2014 Seliman, A.F. - Lasheen, Y.F. - Youssief, M.A.E. - Abo-Aly, M.M. - Shehata, F.A.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 300, No. 3, 2014, s. 969-979 - SCI ; SCOPUS
- [o1] 2015 Andrejkovičová, S. - Alves, C. - Velosa, A. - Rocha, F.: Cement and Concrete Composites, Vol. 60, July, 2015, s. 99-110 - SCI ; SCOPUS
- [o1] 2015 Guimaraes, V. - Azenha, M. - Rocha, F. - Silva, F. - Bobos, I.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 303, No. 3, October, 2015, s. 2243-2255 - SCOPUS
- [o1] 2015 Wang, L. - Liu, X. - Chen, X.-F. - Lee, D.-J. - Tay, J.-H. - Zhang, Y. - Wan, C.-L.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 306, No. 1, 2015, s. 193-202 - SCOPUS
- [o1] 2015 Rajib, M. - Oguchi, C.T. - Sasaki, T. - Kobayashi, T.: Geochemical Journal, Vol. 49, No. 5, 2015, s. 539-548 - SCI
- [o1] 2015 Dankova, Z. - Bekeniyova, A. - Styriakova, I. - Fedorova, E.: Study of Cu(II) Adsorption by Siderite and Kaolin. In: World Multidisciplinary Earth Sciencesx Symposium, WMESS 2015. Book Series: Procedia Earth and Planetary Science. Amsterdam : Elsevier, 2015, S. 821-826 - CPCIS
- [o1] 2016 Brookshaw, D.R. - Lloyd, J.R. - Vaughan, D.J. - Patrick, R.A.D.: Geomicrobiology Journal, Vol. 33, No. 3-4, 2016, s. 206-215 - SCI ; SCOPUS
- [o1] 2016 Peng, Y. - Huang, H. - Liu, D. - Zhong, C.: ACS Applied Materials and Interfaces, Vol. 8, No. 13, 2016, s. 8527-8535 - SCI ; SCOPUS
- [o1] 2016 He, Y. - Chen, Y.-G. - Ye, W.-M.: Environmental Earth Sciences, Vol. 75, No. 9, 2016, Art. No. 807 - SCI ; SCOPUS
- [o1] 2017 Dankova, Z. - Fedorova, E. - Bekeniyova, A.: Archives for Technical Sciences, No. 16, 2017, s. 65-75 - SCI
- [o1] 2017 Pathak, P.: Environmental Science and Pollution Research, Vol. 24, No. 9, 2017, s. 8825-8836 - SCI ; SCOPUS
- [o1] 2018 Vellingiri, K. - Kim, K.-H. - Pournara, A. - Deep, A.: Progress in Materials Science, Vol. 94, May, 2018, s. 1-67 - SCI ; SCOPUS
- [o1] 2018 Dankova, Z. - Dakos, Z. - Styriakova, I. - Bekeniyova, A.: Archives for Technical Sciences, Iss. 19, 2018, s. 45-56 - SCI
- [o1] 2019 Dankova, Z. - Bekeniyova, A. - Lukacova-Bujnakova, Z. - Mitroova, Z. - Gesperova, D. - Styriakova, I. - Styriakova, D. - Briancin, J. - Tomcova, J.: Chemija, Vol. 30, No. 2, 2019, s. 49-59 - SCI
- [o1] 2019 Claverie, M. - Garcia, J. - Prevost, T. - Brendle, J. - Limousy, L.: Materials, Vol. 12, No. 9, 2019, Art. No. 1399 - SCI
- [o1] 2020 Montes, M.L. - Barraque, F. - Bursztyn Fuentes, A.L. - Taylor, M.A. - Mercader, R.C. - Miehle-Brendle, J. - Torres, Sanchez R.M.: Materials Chemistry and Physics, Vol. 245, April, 2020, Art. No. 122760 - SCOPUS ; SCI
- [o1] 2021 Li, Y. - Peng, X. - Jiang, X. - An, R. - Li, L. - Li, J. - Li, H. - Xu, Z.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 327, No. 2, 2021, s. 1037-1043 - SCOPUS ; SCI
- [o1] 2021 Chikkamath, S. - Patel, M.A. - Kar, A.S. - Raut, V.V. - Tomar, B.S. - Manjanna, J.: Aquatic Geochemistry, Vol. 27, No. 1, 2021, s. 31-47 - SCOPUS ; SCI
- [o1] 2021 Abdeldaym, A. - Khedr, R.F. - Jassas, R.S.: Sustainable Chemistry and Pharmacy, Vol. 20, May, 2021, Art. No. 100382 - SCOPUS

ADC03 Galamboš, Michal [UKOPRCJD] (45%) - Magula, M. (5%) - Daňo, Martin [UKOPRCAGd] (10%) - Osacký, Marek [UKOPRGMPLG] (15%) - Roszkopfová, Oľga [UKOPRCJD] (20%) - Rajec, Pavol [UKOPRCJD] (5%): Comparative study of cesium adsorption on dioctahedral and trioctahedral smectites Lit.: 89 zázň., 4 obr, 4 tab.

In: Journal of Radioanalytical and Nuclear Chemistry. - Vol. 293, No. 3 (2012), s. 829-837. - ISSN 0236-5731

*Indikátor časopisu:*

IF (JCR) 2012=1,467

*Ohlasy (18):*

[o3] 2013 Mockovčiková, A. - Danková, Z. - Briancin, J.: Surface and structure study of clay-based composites after thermal treatment. In: Archives for Technical Sciences, Vol. 8, No. 1, 2013, s. 56

[o1] 2013 Isobe, N. - Chen, X. - Kim, U.-J. - Kimura, S. - Wada, M. - Saito, T. - Isogai, A.: Journal of Hazardous Materials, Vol. 260, 2013, s. 195-201 - SCI ; SCOPUS

- [o4] 2013 Danková, Z. - Schutz, R. - Dolinská, S. - Hudec, P. - Zorkovská, A. - Mockovčiaková, A.: Povrchové vlastnosti zmesi natrifikovaného bentonitu a kremenného piesku. In: *Prírodné a syntetické zeolity na Slovensku. Zborník príspevkov*. Bratislava : STU, 2013, S. 157
- [o1] 2013 Lee, J.O. - Cho, W.J. - Choi, H.: *Environmental Earth Sciences*, Vol. 70, No. 5, 2013, s. 2387-2395 - SCI ; SCOPUS
- [o3] 2013 Danková, Z. - Mockovčiaková, A. - Orolínová, M.: Cd(II) Adsorption by Magnetic Clay Composite under the Ultrasound Irradiation. In: *Energy and Environmental Engineering*, Vol. 1, No. 2, 2013, s. 74-80
- [o1] 2014 Missana, T. - Benedicto, A. - García-Gutiérrez, M. - Alonso, U.: *Geochimica et Cosmochimica Acta*, Vol. 128, March, 2014, s. 266-277 - SCOPUS
- [o3] 2014 Abbas, M.N.: Production of Liquefied Natural Gas Using Radioactive Waste and Agricultural Residue. In: *European Academic Research*, Vol. 2, No. 2, 2014, s. 1629
- [o1] 2014 Li, D. - Kaplan, D.I. - Knox, A.S., - Crapse, K.P. - Diprete, D.P.: *Journal of Environmental Radioactivity*, Vol. 136, 2014, s. 56-63 - SCI ; SCOPUS
- [o1] 2015 Delkash, M. - Ebrazi Bakhshayesh, B. - Kazemian, H.: *Microporous and Mesoporous Materials*, Vol. 214, September, Art. No. 7107, 2015, s. 224-241 - SCI ; SCOPUS
- [o1] 2016 Kobayashi, T. - Ohshiro, M. - Nakamoto, K. - Uchida, S.: *Industrial and Engineering Chemistry Research*, Vol. 55, No. 25, 2016, s. 6996-7002 - SCOPUS
- [o1] 2016 Hamed, M.M. - Holiel, M. - Ahmed, I.M.: *Radiochimica Acta*, Vol. 104, No. 12, 2016, s. 873-890 - SCI ; SCOPUS
- [o1] 2017 Dankova, Z. - Fedorova, E. - Bekeniyova, A.: *Archives for Technical Sciences*, No. 16, 2017, s. 65-75 - SCI
- [o1] 2017 Kasar, S. - Kumar, S. - Saha, A. - Tomar, B.S. - Bajpai, R.K.: *Environmental Earth Sciences*, Vol. 76, No. 7, 2017, Art. No. 274 - SCI ; SCOPUS
- [o1] 2018 Pilavtepe, M. - Delavernhe, L. - Steudel, A. - Schuhmann, R. - Willenbacher, N. - Emmerich, K.: *Clays and Clay Minerals*, Vol. 66, No. 4, 2018, s. 339-352 - SCI ; SCOPUS
- [o1] 2018 Fuks, L. - Herdzik-Koniecko, I. - Maskalchuk, L. - Leontieva, T.: *International Journal of Environmental Science and Technology*, Vol. 15, No. 10, 2018, s. 2047-2058 - SCI ; SCOPUS
- [o1] 2019 Dankova, Z. - Bekeniyova, A. - Lukacova-Bujnakova, Z. - Mitroova, Z. - Gesperova, D. - Styriakova, I. - Styriakova, D. - Briancin, J. - Tomcova, J.: *Chemija*, Vol. 30, No. 2, 2019, s. 49-59 - SCI
- [o1] 2018 Dankova, Z. - Dakos, Z. - Styriakova, I. - Bekeniyova, A.: *Archives for Technical Sciences*, Iss. 19, 2018, s. 45-56 - SCI
- [o1] 2021 Li, Y. - Peng, X. - Jiang, X. - An, R. - Li, L. - Li, J. - Li, H. - Xu, Z.: *Journal of Radioanalytical and Nuclear Chemistry*, Vol. 327, No. 2, 2021, s. 1037-1043 - SCOPUS ; SCI

ADC04 Honty, Miroslav (20%) - Wang, L. (20%) - Osacký, Marek [UKOPRGMPLG] (20%) - Uhlík, Peter [UKOPRGMPLG] (20%) - Czímerová, A. (10%) - Madejová, J. (10%): Experimental interactions of the Opalinus Clay and Boom Clay with various repository relevant solutions at 90 degrees C under closed conditions

Lit.: 42 zázň., 9 obr., 4 tab.

In: *Applied Clay Science*. - Vol. 59-60 (2012), s. 50-63. - ISSN 0169-1317

*Indikátor časopisu:*

IF (JCR) 2012=2,342

*Ohlasy (5):*

[o1] 2012 Beaucaire, C. - Tertre, E. - Ferrage, E. - Grenut, B. - Pronier, S. - Madé, B.: *Chemical Geology*, Vol. 334, December, 2012, s. 62-76 - SCOPUS

[o1] 2014 Yu, L. - Weetjens, E. - Sillen, X. - Vietor, T. - Li, X. - Delage, P. - Labiouse, V. - Charlier, R.: *Rock Mechanics and Rock Engineering*, Vol. 47, No. 1, 2014, s. 3-19 - SCI ; SCOPUS

[o1] 2015 Novoselov, A.A. - Popov, S. - de Souza Filho, C.R.: *Computers and Geosciences*, Vol. 79, June, 2015, s. 118-128 - SCOPUS

[o1] 2015 Bildstein, O. - Claret, F.: Stability of Clay Barriers Under Chemical Perturbations. In: *Developments in Clay Science 6*. Amsterdam : Elsevier, 2015, S. 155-188 - SCOPUS

[o1] 2020 Sauer, K. - Caporuscio, F. - Rock, M. - Cheshire, M. - Jove-Colon, C.: Hydrothermal interaction of Wyoming Bentonite and Opalinus Clay. In: *Clays and Clay Minerals*, Vol. 68, No. 2, 2020, s. 144-160 - SCOPUS

- ADC05 Osacký, Marek [UKOPRGMPLG] (50%) - Šucha, Vladimír [UKOPRGLG] (30%) - Miglierini, M. (10%) - Madejová, J. (10%): Reaction of bentonites with pyrite concentrate after wetting and drying cycles at 80 degrees C: relevance to radioactive waste (Radwaste) storage  
Lit.: 26 zázň., 9 obr., 4 tab.  
In: Clay Minerals. - Vol. 47, No. 4 (2012), s. 465-479. - ISSN 0009-8558  
*Indikátor časopisu:*  
IF (JCR) 2012=1,069  
*Ohlasy (3):*  
[o3] 2013 Jesenák, K. - Galamboš, M. - Daňo, M. - Kurek, M. - Roszkopfová, O.: Stanovenie hydraulických vlastností bentonitových hornín. In: Bezpečnosť jaderné energie, roč. 21, č. 11/12, 2013, s. 336  
[o1] 2014 Adamcová, R. - Suraba, V. - Krajnak, A. - Roszkopfová, O. - Galamboš, M.: Journal of Radioanalytical and Nuclear Chemistry, Vol. 302, No. 1, 2014, s. 737-743 - SCI  
[o1] 2014 Dohrmann, R. - Kaufhold, S.: Clays and Clay Minerals, Vol. 62, No. 5, 2014, s. 357-373 - SCOPUS
- ADC06 Osacký, Marek [UKOPRGMPLG] (50%) - Šucha, Vladimír [UKOPRGLG] (20%) - Czimerová, Adriana (10%) - Pentrák, Martin (10%) - Madejová, Jana (10%): Reaction of smectites with iron in aerobic conditions at 75 degrees C  
Lit.: 40 zázň., 9 obr., 4 tab.  
In: Applied Clay Science. - Vol. 72 (2013), s. 26-36. - ISSN 0169-1317  
*Indikátor časopisu:*  
IF (JCR) 2013=2,703  
*Ohlasy (5):*  
[o1] 2014 Heath, A. - Paine, K. - McManus, M.: Journal of Cleaner Production, Vol. 78, September, 2014, s. 75-83 - SCOPUS  
[o4] 2017 Polák, F. - Urík, M. - Bujdoš, M. - Uhlík, P. - Matúš, P.: Vplyv mikroskopických vláknitých húb rodu aspergillus na bioextrakciu hliníka z tuhých fáz. In: Chémia a technológie pre život. Bratislava : STU, 2017, S. 373  
[o4] 2017 Polák, F. - Urík, M. - Bujdoš, M. - Matúš, P.: Vplyv metabolickej aktivity mikroskopickej huby Aspergillus niger na extrakciu prvkov zo zmesi prírodných hlinítokremičitanov. In: Geochémia 2017. Zborník vedeckých príspevkov z konferencie. Bratislava : Štátny geologický ústav Dionýza Štúra, 2017, S. 119  
[o1] 2018 Polák, F. - Urík, M. - Bujdoš, M. - Uhlík, P. - Matúš, P.: Journal of Inorganic Biochemistry, Vol. 181, April, 2018, s. 162-168 - SCI  
[o1] 2018 Dzene, L. - Brendlé, J. - Limousy, L. - Dutournié, P. - Martin, C. - Michau, N.: Applied Clay Science, Vol. 166, December, 2018, s. 276-287 - SCI ; SCOPUS
- ADC07 Osacký, Marek [UKOPRGMPLG] (35%) - Geramian, M. (15%) - Dyar, M. D. (5%) - Sklute, E. C. (5%) - Valter, M. (10%) - Ivey, Douglas G. (10%) - Liu, Q. (10%) - Etsell, Thomas H. (10%): Characterisation of petrologic end members of oil sands from the athabasca region, Alberta, Canada  
Lit.: 53 zázň., 13 obr., 4 tab.  
In: Canadian Journal of Chemical Engineering. - Vol. 91, No. 8 (2013), s. 1402-1415. - ISSN 0008-4034  
*Indikátor časopisu:*  
IF (JCR) 2013=1,313  
*Ohlasy (8):*  
[o1] 2015 He, L. - Lin, F. - Li, X. - Sui, H. - Xu, Z.: Chemical Society Reviews, Vol. 44, No. 15, 2015, s. 5446-5494 - SCOPUS  
[o1] 2016 Dompierre, K.A. - Lindsay, M.B.J. - Cruz-Hernández, P. - Halferdahl, G.M.: Science of the Total Environment, Vol. 556, June, 2016, s. 196-206 - SCOPUS  
[o1] 2016 Shende, S.S. - Pendharker, S. - Jacob, Z. - Nazemifard, N.: Energy and Fuels, Vol. 30, No. 7, 2016, s. 5537-5546 - SCOPUS  
[o1] 2017 Dompierre, K.A. - Barbour, S.L.: Canadian Geotechnical Journal, Vol. 54, No. 3, 2017, s. 428-440 - SCOPUS  
[o3] 2019 Watson, J.G. - Altshuler, S.L. - Chow, J.C.: Oil Sands Research Bibliography. In: Journal of the Air & Waste Management Association, Vol. 69, No. 1, 2019, s. 24  
[o1] 2019 Lindsay, M.B.J. - Vessey, C.J. - Robertson, J.M.: Applied Geochemistry, Vol. 102, March, 2019, s. 186-196 - SCOPUS

[o1] 2020 Tobola, T. - Botor, D.: Raman spectroscopy of organic matter and rare minerals in the Klodawa Salt Dome (Central Poland) cap-rock and Triassic cover - Indicators of hydrothermal solution migration. In: Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, Vol. 231, 2020, Art. No. 118121 - SCOPUS

[o1] 2020 Li, S. - Lu, C. - Wu, M. - Hu, Z. - Li, Z. - Wang, Z.: New insight into CO<sub>2</sub> huff-n-puff process for extraheavy oil recovery via viscosity reducer agents: An experimental study. In: Journal of CO<sub>2</sub> Utilization, Vol. 42, 2020, Art. No.101312 - SCOPUS

ADC08 Osacký, Marek [UKOPRGMPLG] (50%) - Geramian, M. (20%) - Ivey, Douglas G. (10%) - Liu, Qi (10%) - Etsell, Thomas H. (10%): Mineralogical and chemical composition of petrologic end members of Alberta oil sands

Lit.: 69 zázn., 11 obr., 5 tab.

In: Fuel. - Vol. 113 (2013), s. 148-157. - ISSN 0016-2361

*Indikátor časopisu:*

IF (JCR) 2013=3,406

*Ohlasy (22):*

[o1] 2015 He, L. - Lin, F. - Li, X. - Sui, H. - Xu, Z.: Chemical Society Reviews, Vol. 44, No. 15, 2015, s. 5446-5494 - SCOPUS

[o1] 2015 Yavna, V.A. - Kasprzhitskii, A.S. - Lazorenko, G.I. - Kochur, A.G.: Optics and Spectroscopy, Vol. 118, No. 4, 2015, s. 529-536 - SCOPUS

[o1] 2016 Kasprzhitskii, A. - Lazorenko, G. - Yavna, V. - Daniel, P.: Journal of Molecular Structure, Vol. 1109, April, 2016, s. 97-105 - SCOPUS

[o1] 2016 Dompierre, K.A. - Barbour, S.L.: Journal of Contaminant Hydrology, Vol. 189, June, 2016, s. 12-26 - SCOPUS

[o1] 2016 Dompierre, K.A. - Lindsay, M.B.J. - Cruz-Hernández, P. - Halferdahl, G.M.: Science of the Total Environment, Vol. 556, June, 2016, s. 196-206 - SCOPUS

[o1] 2016 You, J.-F. - Xing, L.-X. - Pan, J. - Shan, X.-L. - Fan, R.-X.: Chinese Journal of Geophysics (Acta Geophysica Sinica), Vol. 59, No. 8, 2016, s. 3068-3078 - SCOPUS

[o1] 2017 Dompierre, K.A. - Barbour, S.L.: Canadian Geotechnical Journal, Vol. 54, No. 3, 2017, s. 428-440 - SCOPUS

[o1] 2017 Mahdadi, N. - Chihi, S. - Bouguettaia, H. - Beddiaf, S. - Mechri, M.L.: Silicon, Vol. 9, No. 2, 2017, s. 211-221 - SCOPUS

[o1] 2017 Landis, M.S. - Patrick Pancras, J. - Graney, J.R. - White, E.M. - Edgerton, E.S. - Legge, A. - Percy, K.E.: Science of the Total Environment, Vol. 584-585, 2017, s. 105-117 - SCOPUS

[o1] 2017 Dompierre, K.A. - Barbour, S.L. - North, R.L. - Carey, S.K. - Lindsay, M.B.J.: Water Resources Research, Vol. 53, No. 6, 2017, s. 4725-4740 - SCOPUS

[o1] 2017 Graney, J.R. - Landis, M.S. - Puckett, K.J. - Studabaker, W.B. - Edgerton, E.S. - Legge, A.H. - Percy, K.E.: Chemosphere, Vol. 184, October, 2017, s. 700-710 - SCOPUS

[o1] 2017 Mansa, R. - Ngassa Piegang, G.B. - Detellier, C.: Clays and Clay Minerals, Vol. 65, No. 3, 2017, s. 193-205 - SCI ; SCOPUS

[o1] 2018 Kasprzhitskii, A. - Lazorenko, G. - Khater, A. - Yavna, V.: Minerals, Vol. 8, No. 5, 2018, Art. No. 184 - SCI ; SCOPUS

[o1] 2018 Taylor, S.E.: Colloids and Interfaces, Vol. 2, No. 2, 2018, Art. No. UNSP16 - SCI

[o3] 2019 Watson, J.G. - Altshuler, S.L. - Chow, J.C.: Oil Sands Research Bibliography. In: Journal of the Air & Waste Management Association, Vol. 69, No. 1, 2019, s. 24

[o1] 2019 Hwang, J. - Pini, R.: Environmental Science and Technology, Vol. 53, No. 19, 2019, s. 11588-11596 - SCOPUS

[o1] 2019 Fan, R. - Xing, L. - Pan, J. - Shan, X. - Zhong, W.: Jilin Daxue Xuebao/Journal of Jilin University, Vol. 49, No. 2, 2019, s. 603-610 - SCOPUS

[o1] 2019 Liang, Y. - Shan, X. - Makeen, Y.M. - Abdullah, W.H. - Hao, G. - Tong, L. - Lawal, M. - Zhao, R. - Ayinla, H.A.: Natural Resources Research, Vol. 28, No. 4, 2019, s. 1521-1546 - SCOPUS

[o1] 2019 Landis, M.S. - Studabaker, W.B. - Pancras, J.P. - Graney, J.R. - White, E.M. - Edgerton, E.S.: Science of the Total Environment, Vol. 666, May, 2019, s. 540-558 - SCOPUS

[o1] 2019 Landis, M.S. - Studabaker, W.B. - Pancras, J.P. - Graney, J.R. - Puckett, K. - White, E.M. - Edgerton, E.S.: Science of the Total Environment, Vol. 654, March, 2019, s. 1241-1257 - SCOPUS

- [o1] 2019 Lindsay, M.B.J. - Vessey, C.J. - Robertson, J.M.: Applied Geochemistry, Vol. 102, March, 2019, s. 186-196 - SCOPUS
- [o1] 2020 Li, A. - Xu, Z.: Determination of clay content in Canadian oil sands using x-ray fluorescence spectroscopy for diagnosis of ore processability. In: Canadian Journal of Chemical Engineering, Vol. 98, No. 1, 2020, s. 360-372 - SCOPUS
- ADC09 Osacký, Marek [UKOPRGMPLG] (50%) - Geramian, Mirjavad (20%) - Liu, Qj (10%) - Ivey, Douglas G. (10%) - Etsell, Thomas H. (10%): Surface Properties of Petrologic End-Members from Alberta Oil Sands and Their Relationship with Mineralogical and Chemical Composition  
Lit.: 89 zázň., 10 obr., 2 tab.  
In: Energy & Fuels. - Vol. 28, No. 2 (2014), s. 934-944. - ISSN 0887-0624  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2014=2,790  
*Kvartil Q:*  
vos-jcr -- Q2 [energy and fuels] ; Q1 [engineering, chemical] -- 2014  
*Ohlasy (4):*  
[o1] 2016 Couillard, M. - Mercier, P.H.J.: Energy and Fuels, Vol. 30, No. 7, 2016, s. 5513-5524 - SCOPUS  
[o3] 2016 Hills, D.J. - Hooks, C.H. - McIntyre, M.R. - Crooke, L.A. - Tew, B.H.: Oil sands in Alabama, USA: A fresh look at an emerging potential resource. In: Bulletin of Canadian Petroleum Geology, Vol. 64, No. 2, 2016, s. 278-290  
[o1] 2018 Jelavic, S. - Nielsen, A.R. - Blažanovic, M. - Bovet, N. - Bechgaard, K. - Stipp, S.L.S.: Energy and Fuels, Vol. 32, No. 4, 2018, s. 4655-4661 - SCI ; SCOPUS  
[o1] 2018 Poon, H.Y. - Brandon, J.T. - Yu, X. - Ulrich, A.C.: Journal of Environmental Engineering (United States), Vol. 144, No. 12, 2018, Art. No. 04018127 - SCI ; SCOPUS
- ADC10 Osacký, Marek [UKOPRGMPLG] (60%) - Geramian, Mirjavad (25%) - Ivey, Douglas G. (5%) - Liu, Qi (5%) - Etsell, Thomas H. (5%): Influence of nonswelling clay minerals (illite, kaolinite, and chlorite) on nonaqueous solvent extraction of bitumen  
Lit.: 33 zázň., 6 obr., 2 tab.  
In: Energy & Fuels. - Vol. 29, No. 7 (2015), s. 4150-4159. - ISSN 0887-0624  
*Registrované v:* vos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2015=2,835  
*Kvartil Q:*  
vos-jcr -- Q2 [energy and fuels] ; Q1 [engineering, chemical] -- 2015  
*Ohlasy (20):*  
[o1] 2016 Choi, S. - Pyeon, W. - Kim, J.-D. - Nho, N.-S.: Energy and Fuels, Vol. 30, No. 9, 2016, s. 6991-7000 - SCOPUS ; SCI  
[o1] 2016 Shende, S.S. - Pendharker, S. - Jacob, Z. - Nazemifard, N.: Energy and Fuels, Vol. 30, No. 7, 2016, s. 5537-5546 - SCI  
[o1] 2017 Lin, F. - Stoyanov, S.R. - Xu, Y.: Organic Process Research and Development, Vol. 21, No. 4, 2017, s. 492-510 - SCOPUS  
[o1] 2017 Tran, T.P.A. - Im, J. - Cho, G.-C. - Chang, I.: Soil-Water characteristics of xanthan gum biopolymer containing soils. In: CSMGE 2017 - 19th International Conference on Soil Mechanics and Geotechnical Engineering 2017. Soul : ICSMGE, 2017, S. 1091-1094 - SCOPUS  
[o1] 2018 Tran, A.T.P. - Chang, I. - Im, J. - Cho, G.-C.: Upward Wetting Behavior of Unsaturated Xanthan Gum-Treated Sand. In: PANAM Unsaturated Soils 2017: Fundamentals. Book series: Geotechnical Special Publication, No. 301. New York : American Society of Civil Engineers, 2018, S. 146-154 - CPCI-S  
[o1] 2018 Lage, M.R. - Dedzo, G.K. - Stoyanov, S.R. - Huang, W. - Gusarov, S. - Carneiro, J.W.D.M. - Detellier, C. - Kovalenko, A.: Journal of Physical Chemistry C, Vol. 122, No. 19, 2018, s. 10377-10391 - SCI ; SCOPUS

- [o1] 2018 Stoyanov, S.R. - Lin, F. - Xu, Y.: Clays and Clay Minerals, Vol. 66, No. 3, 2018, s. 286-296 - SCI ; SCOPUS
- [o1] 2018 Chaisontornyotin, W. - Zhang, J. - Ng, S. - Hoepfner, M.P.: Energy and Fuels, Vol. 32, No. 7, 2018, s. 7458-7466 - SCI ; SCOPUS
- [o1] 2018 Lin, F. - Xu, Y. - Nelson, R.: Energy and Fuels, Vol. 32, No. 9, 2018, s. 9202-9210 - SCI ; SCOPUS
- [o1] 2019 Al-Saedi, H.N. - Brady, P.V. - Flori, R.E. - Heidari, P.: Journal of Petroleum Science and Engineering, March, 2019, s. 291-305 - SCOPUS
- [o1] 2019 Chen, Q. - Liu, Q.: Energy and Fuels, Vol. 33, No. 7, 2019, s. 5933-5943 - SCOPUS
- [o1] 2019 Liu, W.T. - Tsai, S.C. - Tsai, T.L. - Lee, C.P. - Lee, C.H.: Environmental Science: Processes and Impacts, Vol. 21, No. 6, 2019, s. 930-937 - SCOPUS
- [o1] 2019 Park, S. - Alessi, D.S. - Baek, K.: Journal of Hazardous Materials, Vol. 369, May, 2019, s. 569-576 - SCOPUS
- [o1] 2019 Zwierzchowski, G. - Ametaj, B.N.: Foods, Vol. 8, No. 8, 2019, Art. No. 345 - SCOPUS
- [o1] 2019 Claverie, M. - Garcia, J. - Prevost, T. - Brendlé, J. - Limousy, L.: Materials, Vol. 12, No. 9, 2019, Art. No. 1399 - SCOPUS
- [o1] 2019 Chang, I. - Tran, A.T.P. - Cho, G.C.: Introduction of biopolymer-based materials for ground hydraulic conductivity control. In: Tunnels and Underground Cities: Engineering and Innovation meet Archaeology, Architecture and Art -Proceedings of the WTC 2019 ITA-AITES World Tunnel Congress. Boca Raton : CRC Press, 2019, S. 277-283 - SCOPUS
- [o1] 2019 Shao, H.Z. - Chang, J. - Lu, Z.Z. - Luo, B.B. - Grundy, J.S. - Xie, G.Y. - Xu, Z.H. - Liu, Q.X.: Langmuir, Vol. 35, No. 20, 2019, s. 6532-6539 - SCI
- [o1] 2020 Murtic, S. - Civic, H. - Sijahovic, E. - Koleska, I. - Jurkovic, J. - Tvica, M.: Use of pyrophyllite to reduce heavy metals mobility in a soil environment. In: Agronomy Research, Vol. 18, No. 1, 2020, s. 194-205 - SCOPUS
- [o1] 2020 Lin, F.: Efficient recovery of extra-heavy oil using a naturally abundant green solvent: Toward a more sustainable oil-solid-water separation. In: Sustainable Materials and Technologies, Vol. 25, 2020, Art. No. e00185 - SCOPUS
- [o1] 2020 Rivard, B. - Feng, J. - Russell, D. - Bushan, V. - Lipsett, M.: Hyperspectral characteristics of oil sand, part 2: Prediction of froth characteristics from measurements of froth. In: Minerals, Vol. 10, No. 12, 2020, Art. No. 1137 -SCOPUS

ADC11 Azzi, Andreza de Almeida (25%) - Osacký, Marek [UKOPRGMPLG] (35%) - Uhlík, Peter [UKOPRGMPLG] (20%) - Čaplovičová, Mária (10%) - Zanardo, Antenor (5%) - Madejová, Jana (5%): Characterization of clays from the Corumbatai formation used as raw material for ceramic industry in the Santa Gertrudes district, Sao Paulo, Brazil  
Lit.: 45 zázn., 9 obr., 1 tab.  
In: Applied Clay Science. - Vol. 132-133, November, Sp. Iss. (2016), s. 232-242. - ISSN 0169-1317  
*Registrované v:* wos  
*Registrované v:* scopus  
*Indikátor časopisu:*  
IF (JCR) 2016=3,101  
*Kvartil Q:*  
wos-jcr -- Q2 [chemistry, physical] ; Q1 [materials science, multidisciplinary] ; Q1 [mineralogy] -- 2016  
*Ohlasy (8):*  
[o1] 2017 Jiang, F. - Li, Y. - Zhao, L. - Cang, D.: Applied Clay Science, Vol. 143, July, 2017, s. 199-204 - SCOPUS  
[o1] 2017 Milošević, M. - Logar, M.: Clay Minerals, Vol. 52, No. 3, 2017, s. 329-340 - SCOPUS  
[o1] 2017 Godoy, L.H. - de Souza Sardinha, D. - Torres Moreno, M.M.: Major and trace elements redistribution in weathered claystones from the Corumbataí Formation, Paraná Sedimentary Basin, Sao Paulo, Brazil. In: Brazilian Journal of Geology, Vol. 47, No. 4, 2017, s. 631 - SCI  
[o1] 2018 Ndzana, G.M. - Huang, L. - Wang, J.B. - Zhang, Z.Y.: Applied Clay Science, Vol. 151, January, 2018, s. 148-156 - SCOPUS ; SCI  
[o1] 2019 Polák, F. - Urík, M. - Bujdoš, M. - Kim, H. - Matuš, P.: Chemical Papers, Vol. 73, No. 12, 2019, s. 3025-3029 - SCI ; SCOPUS  
[o1] 2019 Aghayev, T. - Kucukuysal, C.: Clay Minerals, Vol. 53, No. 4, 2019, s. 549-562 - SCOPUS



[o1] 2020 Zaccaron, A. - de Souza Nandi, V. - Bo, M.D. - Peterson, M. - Angioletto, E. - Bernardin, A.M.: Characterization and use of clays and argillites from the south of Santa Catarina State, Brazil, for the manufacture of clay ceramics. In: Clay Minerals, Vol. 55, No. 2, 2020, s. 172-183 - SCOPUS  
[o1] 2020 Dourado, T.A. - Gemeiner, H. - Gomes, A.C.F. - Almeida, E. - da Silva, A.C. - Valadao, N. - Menegario, A.A. - Govone, J.S. - Gastmans, D.: Elemental Composition of Particulate Matter in the Southeastern Brazilian Ceramic Pole by Synchrotron Radiation X-ray Fluorescence Technique (SR-XRF). In: Journal of the Brazilian Chemical Society, Vol. 31, No. 6, 2020, s. 1203-1215 - SCOPUS

ADC12 Geramian, Mirjavad (20%) - Osacký, Marek [UKOPRGMPLG] (50%) - Ivey, Douglas G. (10%) - Liu, Qi (10%) - Etsell, Thomas H. (10%): Effect of Swelling Clay Minerals (Montmorillonite and Illite-Smectite) on Nonaqueous Bitumen Extraction from Alberta Oil Sands  
Lit.: 32 zázň., 6 obr., 2 tab.  
In: Energy & Fuels. - Vol. 30, No. 10 (2016), s. 8083-8090. - ISSN 0887-0624  
*Registrované v:* scopus  
*Registrované v:* wos  
*Indikátor časopisu:*  
IF (JCR) 2016=3,091  
*Kvartil Q:*  
wos-jcr -- Q2 [energy and fuels] ; Q1 [engineering, chemical] -- 2016  
*Ohlasy (13):*  
[o1] 2017 Arndt, D.S. - Attei, M.M. - Heist, C.A. - McGuire, M.M.: Clays and Clay Minerals, Vol. 65, No. 2, 2017, s. 92-103 - SCOPUS  
[o1] 2017 Zhang, Y. - Huang, L. - Zhang, X. - Sun, G. - Gao, S. - Zhang, S.: Energy and Fuels, Vol. 31, No. 7, 2017, s. 7438-7444 - SCOPUS  
[o1] 2017 Kruse, A.M. - Darrow, M.M.: Cold Regions Science and Technology, Vol. 142, October, 2017, s. 42-54 - SCOPUS  
[o1] 2018 Jelavic, S. - Nielsen, A.R. - Blažanovic, M. - Bovet, N. - Bechgaard, K. - Stipp, S.L.S.: Energy and Fuels, Vol. 32, No. 4, 2018, s. 4655-4661 - SCI ; SCOPUS  
[o1] 2019 Hwang, J. - Pini, R.: Environmental Science and Technology, Vol. 53, No. 19, 2019, s. 11588-11596 - SCOPUS  
[o1] 2019 Xiong, H. - Devegowda, D. - Huang, L.: Fuel, Vol. 249, August, 2019, s. 233-251 - SCOPUS  
[o1] 2019 Qi, Y. - Ju, Y. - Cai, J. - Gao, Y. - Zhu, H. - Hunag, C. - Wu, J. - Meng, S. - Chen, W.: Fuel, Vol. 235, January, 2019, s. 72-84 - SCOPUS  
[o1] 2020 Rivard, B. - Feng, J. - Russell, D. - Bushan, V. - Lipsett, M.: Hyperspectral characteristics of oil sand, part 2: Prediction of froth characteristics from measurements of froth. In: Minerals, Vol. 10, No. 12, 2020, Art. No. 1137 - SCOPUS  
[o1] 2020 Wang, Y. - Liu, L. - Cheng, H.: Pore structure of Triassic Yanchang mudstone, Ordos Basin: Insights into the impact of solvent extraction on porosity in lacustrine mudstone within the oil window. In: Journal of Petroleum Science and Engineering, Vol. 195, 2020, Art. No. 107944 - SCOPUS  
[o1] 2020 Wu, T. - Yang, Y. - Wang, Z. - Shen, Q. - Tong, Y. - Wang, M.: Anion Diffusion in Compacted Clays by Pore-Scale Simulation and Experiments. In: Water Resources Research, Vol. 56, No. 11, 2020, Art. No. e2019WR027037 - SCOPUS  
[o1] 2020 Cao, Y. - Han, H. - Guo, C. - Pang, P. - Ding, Z.-G. - Gao, Y.: Influence of extractable organic matters on pore structure and its evolution of Chang 7 member shales in the Ordos Basin, China: Implications from extractions using various solvents. In: Journal of Natural Gas Science and Engineering, Vol. 79, 2020, Art. No. 103370 - SCOPUS  
[o1] 2020 Davila, G. - Dalton, L. - Crandall, D.M. - Garing, C. - Werth, C.J. - Druhan, J.L.: Reactive alteration of a Mt. Simon Sandstone due to CO<sub>2</sub>-rich brine displacement. In: Geochimica et Cosmochimica Acta, Vol. 271, 2020, s. 227-247 - SCOPUS  
[o1] 2020 Lin, X. - Hu, Q. - Chen, Z. - Wang, Q. - Zhang, T. - Sun, M.: Changes in water vapor adsorption and water film thickness in clayey materials as a function of relative humidity. In: Vadose Zone Journal, Vol. 19, No. 1, 2020, Art. No. e20063 - SCOPUS

ADC13 Osacký, Marek [UKOPRGMPLG] (55%) - Geramian, Mirjavad (5%) - Uhlík, Peter [UKOPRGMPLG] (8%) - Čaplovičová, Mária [UKOPRGLG] (8%) - Danková, Zuzana (8%) - Pálková, Helena (5%) - Vítková, Martina

(5%) - Kováčová, Milota (3%) - Ivey, Douglas G. (1%) - Liu, Qi (1%) - Etsell, Thomas H. (1%): Mineralogy and Surface Chemistry of Alberta Oil Sands: Relevance to Nonaqueous Solvent Bitumen Extraction  
Lit.: 54 zázn., 11 obr., 5 tab.

In: Energy & Fuels. - Vol. 31, No. 9 (2017), s. 8910-8924. - ISSN 0887-0624

*Registrované v:* vos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2017=3,024

*Kvartil Q:*

wos-jcr -- Q2 [energy & fuels] ; Q2 [engineering, chemical] -- 2017

*Ohlasy (3):*

[o1] 2019 Lindsay, M.B.J. - Vessey, C.J. - Robertson, J.M.: Applied Geochemistry, Vol. 102, March, 2019, s. 186-196 - SCI ; SCOPUS

[o1] 2019 He, S. - Longstaffe, F.J. - Zhou, Z.: Applied Geochemistry, Vol. 104, May, 2019, s. 202-209 - SCI ; SCOPUS

[o1] 2019 Anvari, M.H. - Choi, P.: Physical Chemistry Chemical Physics, Vol. 21, No. 37, 2019, s. 20770-20781 - SCI

ADC14 de Almeida Azzi, Andrezza (28%) - Uhlík, Peter [UKOPRGMPLG] (28%) - Osacký, Marek [UKOPRGMPLG] (28%) - Zanardo, Antenor (10%) - Palková, Helena (6%): Changes in technological properties and microstructure of clayey raw materials from the Corumbatai Formation upon drying: Relevance to dry route tilemaking process

Lit.: 49 zázn.

In: Applied Clay Science. - č. 157 (2018), s. 92-101. - ISSN (print) 0169-1317

*Registrované v:* scopus

*Registrované v:* vos

*Indikátor časopisu:*

IF (JCR) 2018=3,890

*Kvartil Q:*

wos-jcr -- Q1 [Materials science, multidisciplinary] -- 2018

wos-jcr -- Q1 [Mineralogy] -- 2018

wos-jcr -- Q2 [Chemistry, physical] -- 2018

*Ohlasy (2):*

[o1] 2019 Temga, J.P. - Mache, J.R. - Madi, A.B. - Nguetnkam, J.P. - Bitom, D.L.: Applied Clay Science, Vol. 171, April, 2019, s. 118-13 - SCI ; SCOPUS

[o1] 2019 Guzlina, S. - Sakale, G. - Certoks, S. - Grase, L.: Construction and Building Materials, Vol. 220, September, 2019, s. 102-109 - SCOPUS

ADC15 Osacký, Marek [UKOPRGMPLG] (50%) - Pálková, Helena (15%) - Hudec, Pavol (15%) - Czímerová, Adriana (10%) - Galusková, Dagmar (5%) - Vítková, Martina (5%): Effect of alkaline synthesis conditions on mineralogy, chemistry and surface properties of phillipsite, P and X zeolitic materials prepared from fine powdered perlite by-product

Lit.: 71 zázn.

In: Microporous and Mesoporous Materials. - č. 294 (2020), s. 1-11, Article Number: 109852. - ISSN (print) 1387-1811

*Registrované v:* vos

*Registrované v:* scopus

*Indikátor časopisu:*

IF (JCR) 2020=5.455

*Kvartil Q:*

wos-jcr -- Q1 [Chemistry, applied] -- 2020

ADC16 Hudcová, Barbora (40%) - Osacký, Marek [UKOPRGMPLG] (25%) - Vítková, Martina (15%) - Mitzia, Aikaterini (15%) - Komárek, Michael (5%): Investigation of zinc binding properties onto natural and synthetic zeolites: Implications for soil remediation

Lit.: 56 zázn.

In: Microporous and Mesoporous Materials. - č. 317 (2021), s. [1-10], art. no. 111022. - ISSN (print) 1387-1811

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2020=1,079

SNIP (SCOPUS) 2020=1,257

CiteScore (SCOPUS) 2020=8

IF (JCR) 2020=5.455

Kvartil Q:

wos-jcr -- Q1 [Chemistry, applied] -- 2020

scimago-sjr -- Q1 [Chemistry (miscellaneous)] -- 2020

### ADD Vedecké práce v domácich karentovaných časopisoch

ADD01 Osacký, Marek [UKOPRGMPLG] (20%) - Honty, Miroslav (20%) - Madejová, Jana (20%) - Bakas, Thomas (20%) - Šucha, Vladimír [UKOPRGLG] (20%): Experimental interactions of Slovak bentonites with metallic iron

Lit.: 34 zázn., 10 obr., 5 tab.

In: Geologica Carpathica. - Vol. 60, No. 6 (2009), s. 535-543. - ISSN (print) 1335-0552

Indikátor časopisu:

IF (JCR) 2009=0,963

Ohlasy (21):

[o2] 2010 Andrejkovicova, S. - Pentrak, M. - Jankovic, L. - Komadel, P.: Geologica Carpathica, Vol. 61, No. 2, 2010, s. 163-171 - SCI

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ADD02 Osacký, Marek [UKOPRGMPLG] (40%) - Binčík, Tomáš [UKOPRGLG] (20%) - Paľo, Tomáš (15%) - Uhlík, Peter [UKOPRGMPLG] (15%) - Madejová, Jana (5%) - Czímerová, Adriana (5%): Mineralogical and physico-chemical properties of bentonites from the Jastraba Formation (Kremnicke vrchy Mts., Western Carpathians)

Lit.: 71 zázn.

In: Geologica Carpathica. - Roč. 70, č. 5 (2019), s. 433-445. - ISSN (print) 1335-0552

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#### ADE Vedecké práce v ostatných zahraničných časopisoch

ADE01 Štyriaková, I. (30%) - Jablonovská, K. (10%) - Mockovčiaková, Annamária (10%) - Bekényiová, A. (10%) - Štyriak, I. (10%) - Kraus, Ivan [UKOPRGLG] (10%) - Osacký, Marek [UKOPRGMPLG] (10%) - Lovás, M. (10%): Dissolution of iron from quartz sands by basin bioleaching under static in-situ conditions

Lit.: 18 zázn., 5 obr., 2 tab.

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#### ADF Vedecké práce v ostatných domácich časopisoch

ADF01 Osacký, Marek [UKOPRGMPLG] - Uhlík, Peter [UKOPRGMPLG] - Kuchta, Ľubomír [UKOPRCAG]:  
Experimentálna hydrotermálna alterácia vulkanického skla v kyslom a zásaditom prostredí, [Experimental  
hydrothermal alteration of volcanic glass in acid and alkaline conditions]  
Lit.: 33 záz. n.  
In: Mineralia Slovaca. - Vol. 39, No. 1 (2007), s. 81-88. - ISSN 0369-2086

ADF02 Janotka, Ivan (40%) - Osacký, Marek [UKOPRGMPLG] (30%) - Kuliffayová, Marta (30%): Inovatívne  
prírodné materiály použiteľné v cementových kompozitoch  
Lit.: 5 obr., 1 tab.  
In: Stavebné materiály. - Roč. 7, č. 2 (2011), s. 22-24. - ISSN 1336-7617

#### **AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách**

AED01 Binčík, Tomáš [UKOPRGLG] (50%) - Osacký, Marek [UKOPRGMPLG] (50%): Syntéza zeolitov z  
perlitového odpadu a ich potenciálne využitie pri čistení znečistených médií, [Synthesis of zeolites from perlite  
waste and their potential usage for purifying of contaminated media]  
Lit.: 12 záz. n., 1 obr., 1 tab.  
In: Aktuálne trendy geochemického štúdia geologického prostredia. Vedecký zborník [elektronický zdroj]. -  
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Rapant, Stanislav [rec.]  
Kordík, Jozef [rec.]  
Lacina, Peter [rec.]

AED02 Bai, Yuqing [UKOPRGMPLG] (50%) - Osacký, Marek [UKOPRGMPLG] (15%) - Uhlík, Peter  
[UKOPRGMPLG] (15%) - Pálková, Helena (10%) - Puškelová, Ľubica (10%): Mineralogical and geochemical  
properties of mature fine tailings (MFT) from Alberta, Canada  
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Ivan, Peter [rec.]  
Slaninka, Igor [rec.]  
Kordík, Jozef [rec.]  
Horváthová, Hana [rec.]  
Lacina, Petr [rec.]

#### **Štatistika kategórií (Záznamov spolu: 62):**

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)  
ADC Vedecké práce v zahraničných karentovaných časopisoch (16)  
ADD Vedecké práce v domácich karentovaných časopisoch (2)  
ADE Vedecké práce v ostatných zahraničných časopisoch (1)  
ADF Vedecké práce v ostatných domácich časopisoch (2)  
AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (2)  
AFC Publikované príspevky na zahraničných vedeckých konferenciách (4)  
AFD Publikované príspevky na domácich vedeckých konferenciách (16)  
AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (6)  
AFH Abstrakty príspevkov z domácich vedeckých konferencií (5)  
BDF Odborné práce v ostatných domácich časopisoch (1)  
BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (6)

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[o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (15)  
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