

## Ohlasy / Citations, reviews

**Institute: SAVANOCH - Ústav anorganické chémie SAV**

**Date of citation, review: 2015~2020**

### Citations, reviews

|   |      |
|---|------|
| Citations in Web of Science Core Collection (1.1, 2.1)                          | 9927 |
| Citations in SCOPUS (1.2, 2.2)  | 260  |
| Citations in other citation indexes and databases (not listed above) (3.2, 4.2) | 0    |
| Other citations (not listed above) (3.1, 4.1)                                   | 8    |
| Reviews (5, 6)  | 0    |

**Count**

**10195**

### ABA Monographic studies in journals and proceedings published abroad

ABA01 BUJDÁK, Juraj. Hybrids with functional dyes : Chapter 18. In *Inorganic nanosheets and nanosheet-based materials : Fundamentals and applications of two-dimensional systems*. - Tokyo, Japan : Springer Japan, 2017, p. 419-465. ISBN 978-4-431-56494-2. ISSN 1571-5744. Dostupné na: [https://doi.org/10.1007/978-4-431-56496-6\\_18](https://doi.org/10.1007/978-4-431-56496-6_18)

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1. [1.1] COIAI, Serena - JAVARONE, Stefano - CICOGLA, Francesca - OBERHAUSER, Werner - ONOR, Massimo - PUCCI, Andrea - MINEI, Pierpaolo - IASILLI, Giuseppe - PASSAGLIA, Elisa. Fluorescent LDPE and PLA nanocomposites containing fluorescein-modified layered double hydroxides and their ON/OFF responsive behavior towards humidity. In EUROPEAN POLYMER JOURNAL. ISSN 0014-3057, 2018, vol. 99, no., pp. 189-201., Registrované v: WOS
2. [1.1] KAWAMATA, Jun - SUZUKI, Yasutaka - TOMINAGA, Makoto. From adsorbed dyes to optical materials. In SURFACE AND INTERFACE CHEMISTRY OF CLAY MINERALS, VOL 9. ISSN 1572-4352, 2018, vol. 9, no., pp. 361-375., Registrované v: WOS
3. [1.1] YAMAGUCHI, Tetsuo - OH, Jae-Min - OGAWA, Makoto. Photofunctions of Dye-Clay Hybrids: Recent Developments. In DYES AND PHOTOACTIVE MOLECULES IN MICROPOROUS SYSTEMS. ISSN 0081-5993, 2020, vol. 183, no., pp. 251-320. Dostupné na: [https://doi.org/10.1007/430\\_2020\\_53](https://doi.org/10.1007/430_2020_53), Registrované v: WOS

### ABC Chapters in scientific monographs published abroad

ABC01 ČÍČEL, Blahoslav - KOMADEL, Peter. Structural formulae of layer silicates. In *Quantitative Methods in Soil Mineralogy*. - USA, 1994, p. 114-136. ISBN 0-89118-806-1.

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2. [1.1] CECILIA, J. A. - GARCIA-SANCHO, C. - VILARRASA-GARCIA, E. - JIMENEZ-JIMENEZ, J. - RODRIGUEZ-CASTELLON, E. Synthesis, Characterization, Uses and Applications of Porous Clays Heterostructures: A Review. In CHEMICAL RECORD. ISSN 1527-8999, 2018, vol. 18, no. 7-8, pp. 1085-1104. Dostupné na: <https://doi.org/10.1002/tcr.201700107>., Registrované v: WOS
3. [1.1] FRANCO, Francisco - POZO, Manuel - ANTONIO CECILIA, Juan - BENITEZ-GUERRERO, Monica - LORENTE, Monica. Effectiveness of microwave assisted acid treatment on dioctahedral and trioctahedral smectites. The influence of octahedral composition. In APPLIED CLAY SCIENCE. ISSN 0169-1317, 2016, vol. 120, no., pp. 70-80., Registrované v: WOS
4. [1.1] GERAMIAN, Mirjavad - OSACKY, Marek - IVEY, Douglas G. - LIU, Qi - ETSSELL, Thomas H. Effect of Swelling Clay Minerals (Montmorillonite and Illite-Smectite) on Nonaqueous Bitumen Extraction from Alberta Oil Sands. In ENERGY & FUELS. ISSN 0887-0624, 2016, vol. 30, no. 10, pp. 8083-8090., Registrované v: WOS
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7. [1.1] OSACKY, Marek - BINCIK, Tomas - PAL'O, Tomas - UHLIK, Peter - MADEJOVA, Jana - CZIMEROVA, Adriana. Mineralogical and physico-chemical properties of bentonites from the Jastraba Formation (Kremnicke vrchy Mts., Western Carpathians). In GEOLOGICA CARPATHICA. ISSN 1335-0552, 2019, vol. 70, no. 5, pp. 433-445. Dostupné na: <https://doi.org/10.2478/geoca-2019-0025>., Registrované v: WOS
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ABC02      DUSZA, Ján - ŠAJGALÍK, Pavol. Fracture toughness and strength testing of ceramic composites. In *Handbook of Advanced Materials Testing*. - New York : Marcel Dekker, Inc., 1995, p. 399-435.

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2. [1.1]      Precnerova, Magdalena; Bodigova, Katarina; Frajkorova, Frantiska; et al.: *CERAMICS INTERNATIONAL* Volume: 41 Issue: 6 Pages: 8100-8108 Published: JUL 2015, Registrované v: WOS

ABC03      KOMADEL, Peter - MADEJOVÁ, Jana. Acid activation of clay minerals. In *Handbook of Clay Science*. Vol. 1. - Elsevier, 2006, p. 263-287. Dostupné na: [https://doi.org/10.1016/S1572-4352\(05\)01008-1](https://doi.org/10.1016/S1572-4352(05)01008-1)

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4. [1.1]      AN, Ning - ZHOU, Chun Hui - ZHUANG, Xiao Yu - TONG, Dong Shen - YU, Wei Hua. Immobilization of enzymes on clay minerals for biocatalysts and biosensors. In *APPLIED CLAY SCIENCE*. ISSN 0169-1317, 2015, vol. 114, no., pp. 283., Registrované v: WOS
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7. [1.1]      BELHOUCAT, N. - ZAGHOUE-BOUDIAF, H. - VISERAS, Cesar. Removal of anionic and cationic dyes from aqueous solution

- with activated organo-bentonite/sodium alginate encapsulated beads. In APPLIED CLAY SCIENCE. ISSN 0169-1317, 2017, vol. 135, no., pp. 9-15., Registrované v: WOS
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9. [1.1] CAPELLO, Cristiane - LEANDRO, Gabriel Coelho - MADURO CAMPOS, Carlos Eduardo - HOTZA, Dachamir - MATTAR CARCIOFI, Bruno Augusto - VALENCIA, German Ayala. Adsorption and desorption of eggplant peel anthocyanins on a synthetic layered silicate. In JOURNAL OF FOOD ENGINEERING. ISSN 0260-8774, 2019, vol. 262, no., pp. 162-169., Registrované v: WOS
10. [1.1] CECILIA, J. A. - GARCIA-SANCHO, C. - VILARRASA-GARCIA, E. - JIMENEZ-JIMENEZ, J. - RODRIGUEZ-CASTELLON, E. Synthesis, Characterization, Uses and Applications of Porous Clays Heterostructures: A Review. In CHEMICAL RECORD. ISSN 1527-8999, 2018, vol. 18, no. 7-8, pp. 1085-1104., Registrované v: WOS
11. [1.1] DE ANDRADE, Julia R. - OLIVEIRA, Maria F. - DA SILVA, Meuris G. C. - VIEIRA, Melissa G. A. Adsorption of Pharmaceuticals from Water and Wastewater Using Nonconventional Low-Cost Materials: A Review. In INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH. ISSN 0888-5885, 2018, vol. 57, no. 9, pp. 3103-3127., Registrované v: WOS
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16. [1.1] FERNANDES DE QUEIROGA, Libia Nayane - SOARES, Patricia Kaori - FONSECA, Maria G. - VOLPI EUSEBIO DE OLIVEIRA, Fernando Jose. Experimental design investigation for vermiculite modification: Intercalation reaction and application for dye removal. In APPLIED CLAY SCIENCE. ISSN 0169-1317, 2016, vol. 126, no., pp. 113-121., Registrované v:

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18. [1.1] FRANCO, F. - BENITEZ-GUERRERO, M. - GONZALEZ-TRIVINO, I. - PEREZ-RECUERDA, R. - ASSIEGO, C. - CIFUENTES-MELCHOR, J. - PASCUAL-COSP, J. Low-cost aluminum and iron oxides supported on dioctahedral and trioctahedral smectites: A comparative study of the effectiveness on the heavy metal adsorption from water. In *APPLIED CLAY SCIENCE*. ISSN 0169-1317, 2016, vol. 119, no., pp. 321-332., Registrované v: WOS
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38. [1.1] MATEJDES, Marian - HAUSNER, Josef - GRUNER, Michael - KAUPP, Guenter - BREU, Josef. ABSORPTION PIGMENT CORES FOR PEARLESCENT PIGMENTS. In CLAYS AND CLAY MINERALS. ISSN 0009-8604, 2020, vol. 68, no. 5, pp. 428-435. Dostupné na: <https://doi.org/10.1007/s42860-020-00085-7>., Registrované v: WOS
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ADNB02     MAJEROVÁ, Melinda\*\* - ŠKRÁTEK, Martin - PRNOVÁ, Anna - DVUREČENSKIJ, Andrej - KRAXNER, Jozef - ŠVANČÁREK, Peter - CIGÁŇ, Alexander - MAŇKA, Ján - GALUSEK, Dušan. Preparation and characterization of Ni doped Ca<sub>2</sub>Al<sub>2</sub>SiO<sub>7</sub> glass microspheres. In *MEASUREMENT 2019 : Proceedings of the 12th International Conference on Measurement*. - Bratislava, Slovakia : Institute of Measurement Science, Slovak Academy of Sciences, 2019, p. 282-285. (2019 - WOS, SCOPUS). ISBN 978-80-972629-2-1. Dostupné na: <https://doi.org/10.23919/MEASUREMENT47340.2019.8780069>

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**AECA Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks**

AECA01      BOČA, Miroslav - KUBÍKOVÁ, Blanka - ŠIMKO, František - GEMBICKÝ, Milan - MONCOL, J. - JOMOVÁ, K. Different phases of fluoro-tantalates. In *Molten Salts Chemistry and Technology*. - United Kingdom : John Wiley & Sons, Ltd., 2014, p. 163-170. ISBN 978-1-118-44873-1. Dostupné na: <https://doi.org/10.1002/9781118448847.ch3c>

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**AED Scientific papers in domestic peer-reviewed proceedings, monographs**

AED01      KRAXNER, Jozef - KLEMENT, Róbert - CHROMČÍKOVÁ, Mária - LIŠKA, Marek. The effect of CaO and MgO on physical properties of MgO-CaO-B<sub>2</sub>O<sub>3</sub>-Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub> glasses with composition close to the E-glass fibers. In *Glass - The Challenge for the 21st Century : 9th Conference of the European Society of Glass Science and Technology/Annual Meeting of the International Commission on Glass, Trenčín, June 22-26, 2008*. Eds. M. Liška, D. Galusek, R. Klement, V. Petrušková. - Zurich : TRANS TECH PUBLICATIONS LTD., 2008, p. 81-84. ISBN 978-0-87849-387-6. ISSN 1022-6680.

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- AEE01 KAŠIAROVÁ, Monika - DUSZA, Ján - HNATKO, Miroslav - ŠAJGALÍK, Pavol. Microstructure and mechanical properties of Si<sub>3</sub>N<sub>4</sub>-SiC nanocomposites. In *Nanocon 2009. Rožnov pod Radhoštěm, 20.-22.10.2009*. - [S. n.], 2009.

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