

Publications

Reviewed articles

Staszek K., Jędras A., Skalny M., Dziewiątka K., Urbański K., Sordyl J., Rybka K., Manecki M. (2023) New synthetic [LREE (LREE = La, Ce, Pr, Sm), Pb]-phosphate phases. *Mineralogia*, vol.54, no.1, 2023, pp.58-68.

Jędras, A., Matusik, J., Rybka, K. (2022) Impregnation of smectite with layered double hydroxides of different chemistry for simultaneous removal of Cr(III) and acid blue dye. *Journal of Water Process Engineering*, 50, 103252, 1–12.

Conference materials

Jędras A., Matusik J. (2023) Visible light-induced degradation of dyes by Layered Double Hydroxides supported on clay minerals: the synergistic effect of adsorption-photocatalysis. W: Scientific Research Abstracts, Volume 14, EuroClay 2023 International Conference of European Clay Groups Association: 24-27 July 2023, Bari, Italy, ISSN: 2464-9147.

Jędras A., Matusik J. (2023) Layered double hydroxides supported by clay minerals as photocatalysts for visible light-driven degradation of organic pollutants. W: 60th Annual Meeting, The Clay Minerals Society: 20-25 May 2023, Austin, Texas, USA.

Staszek, K., Jędras, A., Skalny, M., Dziewiątka, K., Urbański, K., Sordyl, J., Rybka, K., Majka, J., and Manecki, M. (2023) Impact of Pb²⁺ presence on precipitation of REE phosphates (analogs of rhabdophane) from aqueous solutions. EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023, EGU23-8801, <https://doi.org/10.5194/egusphere-egu23-8801>.

Jędras, A., Matusik, J., Rybka, K. (2022) Heterocoagulated materials based on smectite and layered double hydroxides of different chemistry with dual adsorption properties. W: MECC'20/22: 10th Jubilee Mid-European Clay Conference, Kliczków, Poland, September 11-15, 2022: book of abstracts/eds. Górniak, K., Szydłak, T., Sęk, M., Kraków, Wydawnictwo Naukowe „Akapit”, ISBN: 978-83-65955-60-9, 48.

Jędras, A., Matusik, J., Rybka, K. (2022) Impregnation of smectite with layered double hydroxides of different chemistry for simultaneous removal of Cr(III) and acid blue dye. W: ICC 2022, AIPEA – XVII International Clay Conference: 25–29 July 2022, Istanbul, Turkey: scientific research abstracts/eds. Kadir, S. et al.; The Clay Science Society, The Clay Mineral Society, 216.

Sordyl, J., Rybka, K., Dziewiątka, K., Jędras, A., Skalny, M., Staszek, K., Tomczak, A., Urbański, K., and Manecki, M. (2022) The influence of the synthesis procedure on the morphology of REE-enriched Pb-apatite (pyromorphite). EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-7905, <https://doi.org/10.5194/egusphere-egu22-7905>.
