

Maciej Sobczyk

Lista publikacji

1. Muir B., Sobczyk M., Bajda T., (2021) Fundamental features of mesoporous functional materials influencing the efficiency of removal of VOCs from aqueous systems: A review, *Science of the Total Environment*, 784, 147121. <https://doi.org/10.1016/j.scitotenv.2021.147121>
2. Sobczyk M., Muir B., Skalny M., Matusik J., Panek R., Bajda T. (2023) Fly ash-based zeolitic materials of different surface chemistry and texture: Insight into adsorption performance and mechanisms of aqueous BTEX removal, *Journal of Environmental Chemical Engineering*, 11, 111220. <https://doi.org/10.1016/j.jece.2023.111220>
3. Sobczyk M., Nguyen Dinh C., Marzec M., Kvashnina K.O., Bazarkina E., Cwanek A., Łokas E., Bajda T. "Insights into uranium sequestration by coal fly-ash-derived zeolites: understanding via wet chemistry, and advanced spectroscopies", (2024). *Journal of Cleaner Production*, 449, 141206. <https://doi.org/10.1016/j.jclepro.2024.141206>
4. Sobczyk M., Cwanek A., Łokas E., Nguyen Dinh C., Marzec M., Wróbel P., Bajda T. "Elucidating uranium interactions with synthetic Na-P1 zeolite/Ca²⁺-substituted alginate composite granules through batch and spectroscopic studies: Emphasizing the significance of ion exchange and complexation", (2024). *Environmental Pollution*, 343, 123184. <https://doi.org/10.1016/j.envpol.2023.123184>
5. Sobczyk M., Rossberg A., Krishna Kumar Alagarsamy S., Marzec M., Cwanek A., Łokas E., Nguyen Dinh C., Bajda T. "Highly efficient uranium uptake by the eco-designed cocamidopropyl betaine-decorated Na-P1 coal fly-ash zeolite", (2024). *Journal of Hazardous Materials*, 477, 135230. <https://doi.org/10.1016/j.jhazmat.2024.135230>