

Adrian Olejnik

Lista publikacji

1. Olejnik, A., Ficek, M., Szkodo, M., Stanisławska, A., Karczewski, J., Ryl, J., Dołęga, A., Siuzdak, K., & Bogdanowicz, R. (2022). Tailoring diffusional fields in zwitterion/dopamine copolymer electropolymerized at carbon nanowalls for sensitive recognition of neurotransmitters. *ACS nano*, 16(8), 13183-13198
2. Olejnik, A., Polaczek, K., Szkodo, M., Stanisławska, A., Ryl, J., & Siuzdak, K. (2023). Laser-induced graphitization of polydopamine on titania nanotubes. *ACS Applied Materials & Interfaces*, 15(45), 52921-52938
3. Olejnik, A., Olbryś, K., Karczewski, J., Ryl, J., Bogdanowicz, R., & Siuzdak, K. (2023). Band gap engineering toward semimetallic character of quinone-rich polydopamine. *The Journal of Physical Chemistry C*, 127(26), 12662-12677.
4. Olejnik, A., Dec, B., Goddard III, W. A., & Bogdanowicz, R. (2022). Hopping or tunneling? tailoring the electron transport mechanisms through hydrogen bonding geometry in the boron- doped diamond molecular junctions. *The Journal of Physical Chemistry Letters*, 13(34), 7972-7979.
5. Olejnik, A., Kopec, W., Maskowicz, D., & Sawczak, M. (2023). Spin-Resolved Band Structure of Hoffman Clathrate [Fe (pz) 2Pt (CN) 4] as an Essential Tool to Predict Optical Spectra of Metal–Organic Frameworks. *ACS Applied Materials & Interfaces*, 15(12), 15848- 15862.