

Sebastian Mucha

Lista publikacji

1. Mucha, S.G., Firlej, L., Formalik, F., Bantignies, J.-L., Anglaret, E., Samoć, M., Matczyszyn, K. (2024). Revealing two chemical strategies to tune bright one- and two-photon excited fluorescence of carbon nanodots. *Journal of Materials Chemistry C*, 12 (6), 2117-2133.
2. Benkowska-Biernacka, D.,# Mucha, S.G.,# Firlej, L., Formalik, F., Bantignies, J.-L., Anglaret, E., Samoć, M., Matczyszyn, K. (2023). Strongly Emitting Folic Acid-Derived Carbon Nanodots for One- and Two-Photon Imaging of Lyotropic Myelin Figures. *ACS Applied Materials&Interfaces*, 15 (27), 32717–32731.
3. Mucha, S.G., Piksa, M., Firlej, L., Krystyniak, A., Różycka, M., Kazana, W., Pawlik, K., Samoć, M., Matczyszyn, K. (2022). Non-toxic Polymeric Dots with the Strong Protein-Driven Enhancement of One- and Two-Photon Excited Emission for Sensitive and Non-destructive Albumin Sensing. *ACS Applied Materials&Interfaces*, 14 (35), 40200–40213.
4. Mucha, S.G., Firlej, L., Bantignies, J.-L., Żak, A., Samoć, M., Matczyszyn, K. (2020). Acetone-derived luminescent polymer dots: a facile and low-cost synthesis leads to remarkable photophysical properties. *RSC Advances*, 10 (63), 38437-38445.
5. Benkowska-Biernacka, D., Mucha, S.G., Matczyszyn, K. (2024). Three-Dimensional Imaging of Bioinspired Lipidic Mesophases Using Multicolored Light-Emitting Carbon Nanodots. *The Journal of Physical Chemistry Letters*, 15 (24), 6383–6391.