

Maciej Bagiński
Lista publikacji

Publikacje w czasopismach

1. Bagiński, M., Tupikowska, M., González-Rubio, G., Wójcik, M., & Lewandowski, W. (2020). Shaping Liquid Crystals with Gold Nanoparticles: Helical Assemblies with Tunable and Hierarchical Structures Via Thin-Film Cooperative Interactions. *Advanced Materials*, 32(1), 1904581.
DOI: 10.1002/adma.201904581
2. Bagiński, M., Tomczyk, E., Vetter, A., Suryadharma, R. N., Rockstuhl, C., Lewandowski, W. (2018). Achieving Highly Stable, Reversibly Reconfigurable Plasmonic Nanocrystal Superlattices through the Use of Semifluorinated Surface Ligands. *Chemistry of Materials*, 30(22), 8201-8210.
3. Tomczyk, E., Promiński, A., Bagiński, M., Górecka, E., & Wójcik, M. (2019). Gold Nanoparticles Thin Films with Thermo-and Photoresponsive Plasmonic Properties Realized with Liquid-Crystalline Ligands. *Small*, 15(37), 1902807.
4. Lesiak, P., Bednarska, K., Lewandowski, W., Wójcik, M., Polakiewicz, S., Bagiński, M., Osuch T., Markowski K., Orzechowski K., Makowski M., Bolek J., Wolinski, T. R. (2019). Self-Organized, One-Dimensional Periodic Structures in a Gold Nanoparticle-Doped Nematic Liquid Crystal Composite. *ACS nano*, 13(9), 10154-10160.
5. Bagiński, M., Szmurło, A., Andruszkiewicz, A., Wójcik, M., Lewandowski, W. (2016). Dynamic self-assembly of nanoparticles using thermotropic liquid crystals. *Liquid Crystals*, 43(13-15), 2391-2409.