

Valerii Myndrul

Lista publikacji

1. Myndrul, V., Viter, R., Savchuk, M., Shpyrka, N., Erts, D., Jevdokimovs, D., ... & Iatsunskyi, I. (2018). Porous silicon based photoluminescence immunosensor for rapid and highly-sensitive detection of Ochratoxin A. *Biosensors and Bioelectronics*, *102*, 661-667.
2. Myndrul, V., Viter, R., Savchuk, M., Koval, M., Starodub, N., Silamiķelis, V., ... & Iatsunskyi, I. (2017). Gold coated porous silicon nanocomposite as a substrate for photoluminescence-based immunosensor suitable for the determination of Aflatoxin B1. *Talanta*, *175*, 297-304.
3. Myndrul, V., Coy, E., Bechelany, M., Iatsunskyi, I. (2021). Photoluminescence label-free immunosensor for the detection of Aflatoxin B1 using polyacrylonitrile/zinc oxide nanofibers. *Materials Science and Engineering: C*, *118*, 111401.
4. Brytavskyi, I., Hušeková, K., Myndrul, V., Pavlenko, M., Coy, E., Zaleski, K., Gregušová, D., Yate, L., Smyntyna, V., Iatsunskyi, I. (2019). Effect of porous silicon substrate on structural, mechanical and optical properties of MOCVD and ALD ruthenium oxide nanolayers. *Applied Surface Science*, *471*, 686-693.
5. Pavlenko, M., Myndrul, V., Gottardi, G., Coy, E., Jancelewicz, M., & Iatsunskyi, I. (2020). Porous silicon-zinc oxide nanocomposites prepared by atomic layer deposition for biophotonic applications. *Materials*, *13*(8), 1987.