Drd. Ing. Elena – Alina CHITICARU
Lista lucrări ce cuprind datele din teză

LISTA DE LUCRĂRI

1. **Chiticaru EA**, Toader GA, Ioniță M. *Towards point-of-care medical applications using electrochemical biosensors*. U.P.B. Sci. Bull., Series B, **Vol. 86**, Iss. 1, 2024, ISSN 1454-2331, IF=0.

2. **Chiticaru EA**, Pilan L, Ioniţă M. *Electrochemical detection platform based on RGO functionalized with diazonium salt for DNA hybridization*. Biosensors. 2022 Jan 13;**12(1)**:39, IF=5.4.

3. **Chiticaru EA**, Damian CM, Pilan L, Ioniță M. *Label-Free DNA Biosensor Based on Reduced Graphene Oxide and Gold Nanoparticles*. Biosensors. 2023 Aug 8;**13(8)**:797. IF=5.4.

4. **Chiticaru EA**, Ioniță M. *A Novel Approach Using Reduced Graphene Oxide for the Detection of ALP and RUNX2 Osteogenic Biomarkers*. Current Issues in Molecular Biology. 2024 May;**46(5)**:4489-505, IF=3.1.

PARTICIPĂRI LA MANIFESTĂRI ŞTIINȚIFICE

1. **Elena A. Chiticaru**, Luisa Pilan, Mariana Ioniţă, *Label-free DNA biosensor based on reduced graphene oxide functionalized by diazonium chemistry*, 6th International Congress on Biomaterials & Biosensing (BIOMATSEN), *oct*. 2021, prezentare tip poster
2. **Elena A. Chiticaru**, Mariana Ioniţă, *Impedimetric biosensor based on reduced graphene oxide functionalized with gold nanoparticles for DNA detection*, 12th International Congress on Advances in Applied Physics & Materials Science (APMAS), *oct*. 2022, prezentare tip poster
3. **Elena A. Chiticaru**, Celina M. Damian, Luisa Pilan, Mariana Ioniță, *Electrochemical label free biosensor based on reduced graphene and gold nanoparticles for DNA hybridization detection*, RealMe conference (Transnational Multiplier Event); *oct*. 2023, prezentare tip poster