

PhD student Eng. Mariana Mihaela Apostol
List of papers that include data from the thesis

PAPERS LIST

1. **M. Apostol**, A. Enache, V. Diculescu, T. Tite, M. Onea, I. Enculescu, E. Matei, E. Andronescu, *Graphene for electronic devices – synthesis and characterization*, U.P.B Scientific Bulletin, Seria B: Chemistry and Materials Science, **86(1)**, (2024), 1454-2331, **IF = 0,3**
2. I. Boukhoubza, M. Achehboune, I. Derkaoui, **M. M. Apostol**, M. A. Basyooni, M. Khenfouch, L. Nedelcu, I. Enculescu, E. Matei, *The interface structural, electronic and optical properties of ZnO nanowires/Graphene nanohybrid (ZnO NWs/G): Experimental and theoretical DFT investigations*, Journal of Alloys and Compounds, (2024), 976:173109, **IF = 5,8**
3. A. T. Buruiana, A. E. Bocirnea, F. Sava, E. Matei, T. Tite, **M. Apostol**, I. D. Simandan, A. C. Galca, A. Velea *Two-step process for the fabrication of direct FLG/MoS₂ heterostructures*, Materials Chemistry and Physics, (2024), 322:129530, **IF = 4,3**

SCIENTIFIC MEETINGS ATTENDED

1. **M. M. Apostol**, E. Matei, V. Diculescu, I. Enculescu *Growth graphene by chemical vapour deposition for electronic devices* ROCAM 10th International Conference on Advanced Materials, Bucharest, România, July 2024, Poster presentation;
2. **M. M. Apostol**, E. Matei, V. Diculescu, I. Enculescu, I. Boukhoubza, *Graphene electronic devices for sensing applications*, 9th International Workshop of Materials Physics, Măgurele, România, May 2024, Poster presentation;
3. **M. M. Apostol**, E. Matei, V. Diculescu, I. Enculescu, *Electronic devices based on graphene for sensing applications*, International Conference on Materials Science and Nanoscience, Valencia, Spain, June 2023, Oral presentation.