

## Lista de lucrări

ACS Dr. GERBER Ioana Cristina

### 1. Articole științifice publicate in extenso în reviste cotate Web of Science cu factor de impact

- 1.1. **Gerber, I.C.**, Mihaila, I., Hein, D., Nastuta, A.V., Jijie, R., Pohoata, V., Topala, I., Time Behaviour of Helium Atmospheric Pressure Plasma Jet Electrical and Optical Parameters, **Applied Sciences**, 7(8), 812, **2017** (DOI:10.3390/app7080812) **FI=1.689, AIS=0.338**
- 1.2. Hodoroaba, B., **Gerber, I.C.**, Ciubotaru, D., Mihaila, I., Dobromir, M., Pohoata, V., Topala, I., Carbon “fluffy” aggregates produced by helium– hydrocarbon high-pressure plasmas as analogues to interstellar dust, **Monthly Notices of the Royal Astronomical Society**, 481(2), 2841–50, **2018** (DOI:10.1093/mnras/sty2497) **FI=5.231, AIS=1.351**
- 1.3. Schmidt, M., Hahn, V., Altrock, B., Gerling, T., **Gerber, I.C.**, Weltmann, K.-D., von Woedtke, Th., Plasma-Activation of Larger Liquid Volumes by an Inductively-Limited Discharge for Antimicrobial Purposes, **Applied Sciences**, 9(10), 2150, **2019** (DOI:10.3390/app9102150) **FI=2.474, AIS=0.351**
- 1.4. **Gerber, I.C.**, Mihaila, I., Pohoata, V., Topala, I., Evolution of Electrical and Optical Parameters of a Helium Plasma Jet in Interaction With Liquids, **IEEE Transactions on Plasma Science**, 49(2), 557-62, **2021** (DOI:10.1109/TPS.2020.3008967) **FI=1.368, AIS=0.330**
- 1.5. Leti, L.I., **Gerber, I.C.**, Mihaila, I., Galan, P.M., Strajeru, S., Petrescu, D.E., Cimpeanu, M.M., Topala, I., Gorgan, D.L., The Modulatory Effects of Non-Thermal Plasma on Seed's Morphology, Germination and Genetics-A Review, **Plants**, 11(16), 2181, **2022** (DOI:10.3390/plants11162181) **FI=4.658, AIS=0.654**

### 2. Articole științifice publicate in extenso în reviste indexate fără factor de impact

- 2.1. **Gerber, I.C.**, Mihai, C.T., Gorgan, L., Ciorpac, M., Nita, A., Pohoata, V., Mihaila, I., Topala, I., Viability and Cell Biology for HeLa and Vero Cells after Exposure to Low-Temperature Air Dielectric Barrier Discharge Plasma, **Plasma Medicine**, 7(2), 159-73, **2017** (DOI:10.1615/PlasmaMed.2017019487)
- 2.2. **Gerber, I.C.**, Chiper, A., Pohoata, V., Mihaila, I., Topala, I., Comparative study of 3.4 micron band features from carbon dust analogues obtained in pulsed plasmas, **Proceedings of the International Astronomical Union**, 15(S350), 237–40, **2020** (DOI:10.1017/S174392131900749X)