

Listă lucrări relevante publicate în reviste cotate Web of Science:

1. V. Tiron, R. Jijie, I. Dumitru, N. Cimpoesu, I. Burducea, D. Iancu, A. Borhan, S. Gurlui, G. Bulai (autor corespondent), Piezo-ferroelectric response of bismuth ferrite based thin films and their related photo/piezocatalytic performance (2023) *Ceramics International*, DOI: 10.1016/j.ceramint.2023.03.154. FI: 5.532; AIS: 0.552 – Q1
2. S.A. Irimiciuc, G. Bulai (autor corespondent), S. Gurlui, Rare earth effect on laser produced plasma dynamics during pulsed laser deposition of doped cobalt ferrite (2022) *Spectrochimica Acta - Part B Atomic Spectroscopy*, 198, art. no. 106565. FI: 3.662; AIS: 0.536 – Q1
3. G. Bulai, V. Trandafir, S. A. Irimiciuc, L. Ursu, C. Focsa, S. Gurlui, Influence of rare earth addition in cobalt ferrite thin films obtained by pulsed laser deposition (2019) *Ceramics International*, 45 (16), pp. 20165-20171. FI: 3.83; AIS: 0.478 – Q1
4. G. Bulai, O. Pompilian, S. Gurlui, P. Nemec, V. Nazabal, N. Cimpoesu, B. Chazallon, C. Focsa, Ge-Sb-Te chalcogenide thin films deposited by nanosecond, picosecond, and femtosecond laser ablation (2019) *Nanomaterials*, 9 (5), art. no. 676. FI: 4.324; AIS: 0.671 – Q1
5. S. Irimiciuc, G. Bulai (autor corespondent), M. Agop, S. Gurlui, Influence of laser-produced plasma parameters on the deposition process: in situ space- and time-resolved optical emission spectroscopy and fractal modeling approach (2018) *Applied Physics A: Materials Science and Processing*, 124 (9), art. no. 615. FI: 1.784; AIS: 0.308
6. S. Irimiciuc, R. Boidin, G. Bulai (autor corespondent), S. Gurlui, P. Nemec, V. Nazabal, C. Focsa, Laser ablation of $(\text{GeSe}_2)_{100-x}(\text{Sb}_2\text{Se}_3)_x$ chalcogenide glasses: Influence of the target composition on the plasma plume dynamics, *Applied Surface Science*, 418 (2017), pp. 594-600. FI: 4.439; AIS: 0.627 – Q1
7. G. Bulai, L. Diamandescu, I. Dumitru, S. Gurlui, M. Feder, O.F. Caltun, Effect of rare earth substitution in cobalt ferrite bulk materials, *Journal of Magnetism and Magnetic Materials*, 390 (2015) pp. 123–131. FI: 2.357; AIS: 0.47 – Q2
8. G. Dascalu, G. Pompilian, B. Chazallon, O. F. Caltun, S. Gurlui, C. Focsa, Femtosecond pulsed laser deposition of cobalt ferrite thin films, *Applied Surface Science*, 278 (2013) pp. 38-42. FI: 2.538; AIS: 0.55 – Q1
9. G. Dascalu, T. Popescu, M. Feder, O. F. Caltun, Structural, electric and magnetic properties of $\text{CoFe}_{1.8}\text{RE}_{0.2}\text{O}_4$ (RE=Dy, Gd, La) bulk materials, *Journal of Magnetism and Magnetic Materials*, 333 (2013) pp. 69-74. FI: 2.002; AIS: 0.506 – Q2
10. G. Dascalu, G. Pompilian, B. Chazallon, V. Nica, O. F. Caltun, S. Gurlui, C. Focsa, Rare earth doped cobalt ferrite thin films deposited by PLD, *Applied Physics A: Materials Science and Processing*, 110 (2013) pp. 915-922. FI: 1.694; AIS: 0.484 – Q2