

## Fișa privind standardele minimale pe domenii pentru CS

ACS Dr. Laura HROȘTEA

| Articol                                                                                                                                                                                                                                                                                                      | Nr autori | AIS   | AIS/na |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|--------|
| <b>L. Hrostea</b> , M. Dobromir, <i>An extensive XPS analysis on sensitized PBDB-T-SF thin films for photovoltaic applications</i> , Materials Today Communications 33, 2022                                                                                                                                 | 2         | 0,500 | 0,250  |
| Punga L, Abbassi A, Toma M, Alupului T, Doroftei C, Dobromir M, Timpu D, Doroftei F, <b>Hrostea L</b> , Rusu GG, Razouk A, Iacomi F, <i>Studies of the Structure and Optical Properties of BaSrMgWO<sub>6</sub> Thin Films Deposited by a Spin-Coating Method</i> , Nanomaterials 12 16, 2022                | 12        | 0,738 | 0,0615 |
| <b>L. Hrostea</b> , P. Lisnic, R. Mallet, L. Leontie, M. Girtan, <i>Studies on the Physical Properties of TiO<sub>2</sub>:Nb/Ag/TiO<sub>2</sub>:Nb and NiO/Ag/NiO Three-Layer Structures on Glass and Plastic Substrates as Transparent Conductive Electrodes for Solar Cells</i> , Nanomaterials 11 6, 2021 | 5         | 0,738 | 0,1476 |
| <b>L. Hrostea</b> , L. Leontie, M. Dobromir, C. Doroftei, M. Girtan, <i>On the Electrical and Optical Properties Stability of P3HT Thin Films Sensitized with Nitromethane Ferric Chloride Solutions</i> , Coatings 2020, 10, 1074                                                                           | 5         | 0,405 | 0,081  |
| <b>L. Hrostea</b> , L. Leontie, M. Girtan, <i>Characterization of PBDB-T-SF: fullerene blend thin films for solar cell applications</i> , Romanian Reports in Physics, 72, 2 (2020)                                                                                                                          | 3         | 0,268 | 0,0893 |
| S. Antohe, Sorina Iftimie, <b>Laura Hrostea</b> , V.A. Antohe, Mihaela Girtan, <i>A Critical Review of Photovoltaic Cells Based on Organic Monomeric and Polymeric Thin Film Heterojunction</i> , Thin Solid Films (2017)                                                                                    | 5         | 0,356 | 0,0712 |
| <b>L. Hrostea</b> , M. Boclinca, M. Socol, L. Leontie, A. Stanculescu, M. Girtan – <i>Oxide/metal/oxide electrodes for solar cell applications</i> – Solar Energy Volume 146, 2017, Pages 464–469                                                                                                            | 5         | 0,799 | 0,1598 |

I = 0,86 (>0,5) | P = 2,71 (>0,5)

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