HROSTEA LAURA

Fișă de autoevaluare în conformitate cu Fișa de evaluare generală a standardelor Universității, Anexa 1

Criterii	Descriptori	Lucrare	Punctaj
Activitatea de cercetare	1. Articole științifice publicate in extenso în reviste cotate WOS cu factor de impact	1. Hrostea, L.; Leontie, L.; Dobromir, M.; Doroftei, C.; Girtan, M. On the Electrical and Optical Properties Stability of P3HT Thin Films Sensitized with Nitromethane Ferric Chloride Solutions. *Coatings* **2020**, *10*, 1074, **doi.org/10.3390/coatings10111074** IF = 2,436	34,23
		2. **L. Hrostea**, M. Boclinca, M. Socol, L. Leontie, A. Stanculescu, M. Girtan – *Oxide/metal/oxide electrodes for solar cell applications,* Solar Energy Volume 146, 2017, Pages 464–469, DOI: 10.1016/j.solener.2017.03.017 IF = 4,607	50,23
		3. **L. Hrostea**, L. Leontie, M. Girtan, *Characterization of PBDB-T-SF: fullerene blend thin films for solar cell applications,* Romanian Reports in Physics, 72, 2 (2020) IF = 2,147	51,27
		4. S. Antohe, Sorina Iftimie, **Laura Hrostea**, V.A. Antohe, Mihaela Girtan, *A Critical Review of Photovoltaic Cells Based on Organic Monomeric and Polymeric Thin Film Heterojunction*, Thin Solid Films (2017), https://doi.org/10.1016/j.tsf.2017.09.041 IF = 2,03	29,36
	2. Articole științifice publicate in extenso în reviste cotate WOS fără factor de impact	1. Girtan M., **Hrostea L.,** Boclinca M., Negulescu B., Study *of oxide/metal/oxide thin films for transparent electronics and solar cells applications by spectroscopic ellipsometry*, AIMS Materials Science, 2017, 4(3): 594-613 doi: 10.3934/matersci.2017.3.594	5
	3. Articole științifice publicate in extenso în volumele conferințelor	1. **L. Hrostea,** M. Girtan, R. Mallet, L. Leontie, *Optical and Morphological Properties of P3HT and P3HT: PCBM Thin Films used in Photovoltaic Applications*, IOP Conf. Series: Materials Science and Engineering 374 (2018) 012015 doi:10.1088/1757-899X/374/1/012015 WOS	7,5
		2. L. Hrostea, L. Leontie, M. Girtan, *Chemical Sensitization for Electric Properties Improvement of PBDB-T-SF Polymer for Solar Cells Application*, IOP Conf. Series: Materials Science and Engineering, 2020**,** 10.1088/1757-899X/877/1/012002	1,66
	4.Citări	1. **L. Hrostea,** M. Girtan, R. Mallet, L. Leontie, *Optical and Morphological Properties of P3HT and P3HT: PCBM Thin Films used in Photovoltaic Applications*, IOP Conf. Series: Materials Science and Engineering 374 (2018) 012015 doi:10.1088/1757-899X/374/1/012015 - 6 citari	99,82

		2. S. Antohe, Sorina Iftimie, **Laura Hrostea**, V.A. Antohe, Mihaela Girtan, *A Critical Review of Photovoltaic Cells Based on Organic Monomeric and Polymeric Thin Film Heterojunction*, Thin Solid Films (2017), https://doi.org/10.1016/j.tsf.2017.09.041 - 22 citări	321,79
		3. **L. Hrostea**, M. Boclinca, M. Socol, L. Leontie, A. Stanculescu, M. Girtan – *Oxide/metal/oxide electrodes for solar cell applications*, Solar Energy Volume 146, 2017, Pages 464–469, DOI: 10.1016/j.solener.2017.03.017 - 10 citari	94,95
		4. Girtan M., **Hrostea L.,** Boclinca M., Negulescu B., Study *of oxide/metal/oxide thin films for transparent electronics and solar cells applications by spectroscopic ellipsometry*, AIMS Materials Science, 2017, 4(3): 594-613 doi: 10.3934/matersci.2017.3.594 - 8 citari	98,19
Total			794

12/04/2021