Nelsa Abraham

List of Publications by Year
in descending order

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9 papers	146 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	164 citing authors

#	Article	IF	Citations
1	Dye sensitized solar cells using catalytically active CuO-ZnO nanocomposite synthesized by single step method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 200, 116-126.	3.9	59
2	Simulation studies on the responses of ZnO-CuO/CNT nanocomposite based SAW sensor to various volatile organic chemicals. Journal of Science: Advanced Materials and Devices, 2019, 4, 125-131.	3.1	28
3	Studies on bandgap tuning of visible light active heterojunction CuO/ZnO nanocomposites for DSSC application. Journal of Materials Science: Materials in Electronics, 2018, 29, 21002-21013.	2.2	14
4	Synthesis of CNT based nanocomposites and their application as photoanode material for improved efficiency in DSSC. Ceramics International, 2020, 46, 28355-28362.	4.8	13
5	Nanostructured ZnO with bio-capping for nanofluid and natural dye based solar cell applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 16527-16539.	2.2	11
6	Simulation Based Investigation on the Performance of Metal Oxides as Charge Transport Layers in Lead/Tin Perovskite Solar Cells Using SCAPS 1D. ECS Journal of Solid State Science and Technology, 2021, 10, 071012.	1.8	7
7	Solution-Synthesized Cu2O As a Hole Transport Layer for a ZnO-Based Planar Heterojunction Perovskite Solar Cell Fabricated at Room Temperature. Journal of Electronic Materials, 2022, 51, 1692-1699.	2.2	6
8	Dielectric studies of CuO-ZnO heterojunction nanocomposites synthesized by co-precipitation method. Materials Today: Proceedings, 2021, 43, 3698-3700.	1.8	5
9	Morphological and optical studies of zinc doped cerium oxide nanoparticles prepared by single step co-precipitation method. Materials Today: Proceedings, 2023, 80, 1901-1905.	1.8	3