

Aparna Thankappan

List of Publications by Year in descending order

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9
papers

120
citations

1307594

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1474206

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9
docs citations

9
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of intensity dependant nonlinear optical properties of betanin/ZnO composites embedded in PVA. Optics and Laser Technology, 2016, 83, 28-34.	4.6	7
2	Highly efficient betanin dye based ZnO and ZnO/Au Schottky barrier solar cell. Thin Solid Films, 2015, 583, 102-107.	1.8	9
3	Effect of silver nanoparticles on fluorescence and nonlinear properties of naturally occurring betacyanin dye. Optical Materials, 2015, 39, 211-217.	3.6	9
4	Novel composites based on polymer micro-rods for photonic device applications. Optics and Laser Technology, 2014, 58, 63-70.	4.6	8
5	Optical nonlinear investigations on morphology controlled growth of ZnO crystals. Optics and Laser Technology, 2014, 64, 133-139.	4.6	8
6	Optical characterization of ZnO nanoplates embedded in polymeric matrices for optical limiting applications. Optics and Laser Technology, 2013, 52, 37-42.	4.6	15
7	Solvent effect on the third order optical nonlinearity and optical limiting ability of betanin natural dye extracted from red beet root. Optical Materials, 2013, 35, 2332-2337.	3.6	35
8	Synthesis of monocrystalline zinc oxide microrods by wet chemical method for light confinement applications. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 2118-2123.	2.7	12
9	Effect of betanin natural dye extracted from red beet root on the non linear optical properties ZnO nanoplates embedded in polymeric matrices. Journal of Applied Physics, 2012, 112, .	2.5	17