

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