

Deepika Jamwal

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Twin-Tail Surfactant Peculiarity in Superficial Fabrication of Semiconductor Quantum Dots: Toward Structural, Optical, and Electrical Features. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5062-5073.	3.1	49
2	Surface-area-controlled synthesis of porous TiO ₂ thin films for gas-sensing applications. <i>Nanotechnology</i> , 2017, 28, 095502.	2.6	26
3	Metal Telluride Nanomaterials: Facile Synthesis, Properties and Applications for Third Generation Devices.. <i>ChemistrySelect</i> , 2019, 4, 1943-1963.	1.5	23
4	Array of bis-quaternary ammonium surfactant tailored Cu _(2x) Te quantum dots with amended functional assets. <i>RSC Advances</i> , 2016, 6, 13981-13990.	3.6	11
5	Well-defined quantum dots and broadening of optical phonon line from hydrothermal method. <i>RSC Advances</i> , 2016, 6, 102010-102014.	3.6	8
6	The multifaceted dimensions of potent nanostructures: a comprehensive review. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2967-2995.	5.9	6
7	Eicosyl ammoniums elicited thermal reduction alleyway towards gold nanoparticles and their chemo-sensor aptitude. <i>Analyst</i> , 2016, 141, 2208-2217.	3.5	5
8	Protein (bovine serum albumin) driven copper selenide and copper telluride nanostructures: structural, optical and electrical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 11317-11326.	2.2	4
9	Dimethylenebis-(tetra-decyldimethylammonium Bromide)-Driven Metal Nanoparticles: Hg ²⁺ Sensing a Competency. <i>ACS Omega</i> , 2019, 4, 13782-13789.	3.5	2