

Lina Jaya Diguna

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

737
citations

933447

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1125743

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13
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13
docs citations

13
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the performance of colloidal quantum-dot-sensitized solar cells. <i>Nanotechnology</i> , 2009, 20, 295204.	2.6	383
2	ZnO nanostructured materials for emerging solar cell applications. <i>RSC Advances</i> , 2020, 10, 42838-42859.	3.6	173
3	Photoacoustic and Photoelectrochemical Characterization of Inverse Opal TiO ₂ Sensitized with CdSe Quantum Dots. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 5563-5568.	1.5	41
4	Optical absorption and ultrafast carrier dynamics characterization of CdSe quantum dots deposited on different morphologies of nanostructured TiO ₂ films. <i>Materials Science and Engineering C</i> , 2007, 27, 1514-1520.	7.3	37
5	Hybrid Organic-Inorganic Perovskite Halide Materials for Photovoltaics towards Their Commercialization. <i>Polymers</i> , 2022, 14, 1059.	4.5	18
6	Optical and x-ray scintillation properties of X ₂ MnCl ₄ (X = PEA, PPA) perovskite crystals. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 455303.	2.8	17
7	BA ₂ XBr ₄ (X = Pb, Cu, Sn): from lead to lead-free halide perovskite scintillators. <i>Materials Advances</i> , 2022, 3, 5087-5095.	5.4	16
8	Scintillation in (C ₆ H ₅ CH ₂ NH ₃) ₂ SnBr ₄ : green-emitting lead-free perovskite halide materials. <i>RSC Advances</i> , 2021, 11, 20635-20640.	3.6	13
9	Optical and Photodetection Properties of ZnO Nanoparticles Recovered from Zn Dross. <i>Crystals</i> , 2021, 11, 6.	2.2	13
10	Tuning the excitonic properties of ZnO:Sn thin films. <i>Optical Materials</i> , 2019, 88, 111-116.	3.6	11
11	The coupling of single-photon exciton-biexciton quantum dot and cavity. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017, 26, 1750029.	1.8	8
12	Light-Matter Interaction of Single Quantum Emitters with Dielectric Nanostructures. <i>Photonics</i> , 2018, 5, 14.	2.0	6
13	ELECTRONIC AND OPTICAL MODIFICATION OF ORGANIC-HYBRID PEROVSKITES. <i>Surface Review and Letters</i> , 2021, 28, 2140010.	1.1	1