

Deepika Poonia

List of Publications by Year in descending order

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9
papers

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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Anomaly in Raman Scattering from p-Type Silicon Nanowires. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5372-5378.	3.1	39
2	Generating Triplets in Organic Semiconductor Tetracene upon Photoexcitation of Transition Metal Dichalcogenide ReS_2 . <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5256-5260.	4.6	17
3	Emergence of new materials for exploiting highly efficient carrier multiplication in photovoltaics. <i>Chemical Physics Reviews</i> , 2020, 1, 011302.	5.7	13
4	Unraveling the Photophysics of Liquid-Phase Exfoliated Two-Dimensional ReS_2 Nanoflakes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20993-21002.	3.1	11
5	Photon Recycling in CsPbBr_3 All-Inorganic Perovskite Nanocrystals. <i>ACS Photonics</i> , 2021, 8, 3201-3208.	6.6	10
6	Efficient Carrier Multiplication in Low Band Gap Mixed Sn/Pb Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6146-6149.	4.6	9
7	Electronic Coupling of Highly Ordered Perovskite Nanocrystals in Supercrystals. <i>ACS Applied Energy Materials</i> , 2022, 5, 5415-5422.	5.1	9
8	Tent-Shaped Surface Morphologies of Silicon: Texturization by Metal Induced Etching. <i>Silicon</i> , 2018, 10, 2801-2807.	3.3	8
9	Effects of the Structure and Temperature on the Nature of Excitons in the $\text{Mo}_{0.6}\text{W}_{0.4}\text{S}_2$ Alloy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1931-1938.	3.1	2