

Aniket S Mule

List of Publications by Year in descending order

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13
papers

488
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1040056

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17
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docs citations

17
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	An intrinsic growth instability in isotropic materials leads to quasi-two-dimensional nanoplatelets. <i>Nature Materials</i> , 2017, 16, 743-748.	27.5	193
2	Compositional Grading for Efficient and Narrowband Emission in CdSe-Based Core/Shell Nanoplatelets. <i>Chemistry of Materials</i> , 2019, 31, 9567-9578.	6.7	59
3	Unraveling the Growth Mechanism of Magic-Sized Semiconductor Nanocrystals. <i>Journal of the American Chemical Society</i> , 2021, 143, 2037-2048.	13.7	56
4	Effect of different alkali (Li, Na, K, Rb, Cs) metals on Cu ₂ ZnSnSe ₄ solar cells. <i>Thin Solid Films</i> , 2017, 633, 156-161.	1.8	52
5	Understanding Discrete Growth in Semiconductor Nanocrystals: Nanoplatelets and Magic-Sized Clusters. <i>Accounts of Chemical Research</i> , 2021, 54, 1545-1554.	15.6	42
6	Experimental Evidence for Two-Dimensional Ostwald Ripening in Semiconductor Nanoplatelets. <i>Chemistry of Materials</i> , 2020, 32, 3312-3319.	6.7	25
7	Doping of Cu ₂ ZnSnSe ₄ solar cells with Na ⁺ or K ⁺ alkali ions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2653-2663.	10.3	19
8	Core/Shell Magic-Sized CdSe Nanocrystals. <i>Nano Letters</i> , 2021, 21, 7651-7658.	9.1	16
9	Identifying reactive organo-selenium precursors in the synthesis of CdSe nanoplatelets. <i>Chemical Communications</i> , 2018, 54, 11789-11792.	4.1	15
10	Effect of Sn/Zn/Cu precursor stack thickness on two-step processed kesterite solar cells. <i>Thin Solid Films</i> , 2017, 633, 127-130.	1.8	8
11	Progress in Cleaning and Wet Processing for Kesterite Thin Film Solar Cells. <i>Solid State Phenomena</i> , 2016, 255, 348-353.	0.3	2
12	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
13	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0