

Prashant Bhaskar

List of Publications by Year in descending order

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papers

155
citations

1684188
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all docs

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docs citations

7
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	A strain-induced exciton transition energy shift in CdSe nanoplatelets: the impact of an organic ligand shell. <i>Nanoscale</i> , 2017, 9, 18042-18053.	5.6	71
2	Self-assembled vertically aligned gold nanorod superlattices for ultra-high sensitive detection of molecules. <i>Nano Research</i> , 2015, 8, 907-919.	10.4	28
3	Radiatively Dominated Charge Carrier Recombination in Black Phosphorus. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13836-13842.	3.1	19
4	Charge Mobility and Recombination Mechanisms in Tellurium van der Waals Solid. <i>Journal of Physical Chemistry C</i> , 2019, 123, 841-847.	3.1	16
5	Mobility and Decay Dynamics of Charge Carriers in One-Dimensional Selenium van der Waals Solid. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18917-18921.	3.1	11
6	Vertically aligned self-assembled gold nanorods as low turn-on, stable field emitters. <i>Applied Surface Science</i> , 2015, 355, 978-983.	6.1	5
7	Unconventional Thermally Activated Indirect to Direct Radiative Recombination of Electrons and Holes in Tin Disulfide Two-Dimensional van der Waals Material. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11968-11973.	3.1	5