

Dipti Jasrasaria

List of Publications by Year in descending order

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8
papers

107
citations

1306789

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1588620

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8
docs citations

8
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering the Role of Hole Traps in Promoting Hole Transfer from Multiexcitonic Quantum Dots to Molecular Acceptors. ACS Nano, 2021, 15, 2281-2291.	7.3	21
2	Dynamic lattice distortions driven by surface trapping in semiconductor nanocrystals. Nature Communications, 2021, 12, 1860.	5.8	19
3	Sub-Bandgap Photoinduced Transient Absorption Features in CdSe Nanostructures: The Role of Trapped Holes. Journal of Physical Chemistry C, 2020, 124, 17372-17378.	1.5	18
4	Interplay of Surface and Interior Modes in Exciton-Phonon Coupling at the Nanoscale. Nano Letters, 2021, 21, 8741-8748.	4.5	13
5	Simulations of nonradiative processes in semiconductor nanocrystals. Journal of Chemical Physics, 2022, 157, .	1.2	12
6	Crystal Structure Prediction for Benzene Using Basin-Hopping Global Optimization. Journal of Physical Chemistry A, 2021, 125, 3776-3784.	1.1	11
7	Role of Atomic Structure on Exciton Dynamics and Photoluminescence in NIR Emissive InAs/InP/ZnSe Quantum Dots. Journal of Physical Chemistry C, 2022, 126, 7576-7587.	1.5	7
8	Dynamic Control of Explore/Exploit Trade-Off in Bayesian Optimization. Advances in Intelligent Systems and Computing, 2019, , 1-15.	0.5	6