Lakshay Jethi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11836668/publications.pdf

Version: 2024-02-01

11	302	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strategy for Exploiting Self-Trapped Excitons in Semiconductor Nanocrystals for White Light Generation. ACS Photonics, 2019, 6, 1118-1124.	6.6	16
2	Direct Observation of Vibronic Coupling between Excitonic States of CdSe Nanocrystals and Their Passivating Ligands. Journal of Physical Chemistry C, 2019, 123, 5084-5091.	3.1	20
3	Understanding and Exploiting the Interface of Semiconductor Nanocrystals for Light Emissive Applications. ACS Photonics, 2017, 4, 412-423.	6.6	19
4	Investigating the influence of ligands on the surface-state emission of colloidal CdSe quantum dots. Proceedings of SPIE, 2017, , .	0.8	3
5	Extending Semiconductor Nanocrystals from the Quantum Dot Regime to the Molecular Cluster Regime. Journal of Physical Chemistry C, 2017, 121, 26102-26107.	3.1	40
6	Temperature Dependence of Emission Line Widths from Semiconductor Nanocrystals Reveals Vibronic Contributions to Line Broadening Processes. Journal of Physical Chemistry C, 2017, 121, 28537-28545.	3.1	52
7	Electron Dynamics at the Surface of Semiconductor Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 26519-26527.	3.1	26
8	The Effect of Excitonâ€Đelocalizing Thiols on Intrinsic Dual Emitting Semiconductor Nanocrystals. ChemPhysChem, 2016, 17, 665-669.	2.1	21
9	Toward Ratiometric Nanothermometry via Intrinsic Dual Emission from Semiconductor Nanocrystals. Journal of Physical Chemistry Letters, 2015, 6, 718-721.	4.6	61
10	Unraveling photoluminescence quenching pathways in semiconductor nanocrystals. Chemical Physics Letters, 2015, 633, 65-69.	2.6	11
11	Ligand Surface Chemistry Dictates Light Emission from Nanocrystals. Journal of Physical Chemistry Letters, 2015, 6, 4292-4296.	4.6	33