

# Lakshay Jethi

## List of Publications by Year in descending order

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

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11  
papers

302  
citations

933447

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1281871

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11  
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11  
docs citations

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times ranked

528  
citing authors

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