

# Xiaoqi Hou

## List of Publications by Year in descending order

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7  
papers

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citations

1307594

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1588992

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912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Dielectric Screening for Auger Suppression in CdSe/CdS Quantum Dots by Epitaxial Growth of ZnS Shell. <i>Nano Letters</i> , 2021, 21, 3871-3878.	9.1	29
2	Tuning the Reactivity of Indium Alkanoates by Tertiary Organophosphines for the Synthesis of Indium-Based Quantum Dots. <i>Chemistry of Materials</i> , 2021, 33, 9348-9356.	6.7	10
3	Stoichiometry-Controlled InP-Based Quantum Dots: Synthesis, Photoluminescence, and Electroluminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 6448-6452.	13.7	282
4	Engineering Auger recombination in colloidal quantum dots via dielectric screening. <i>Nature Communications</i> , 2019, 10, 1750.	12.8	93
5	Effects of interface-potential smoothness and wavefunction delocalization on Auger recombination in colloidal CdSe-based core/shell quantum dots. <i>Journal of Chemical Physics</i> , 2019, 151, 234703.	3.0	21
6	Deciphering Charging Status, Absolute Quantum Efficiency, and Absorption Cross Section of Multicarrier States in Single Colloidal Quantum Dots. <i>Nano Letters</i> , 2017, 17, 7487-7493.	9.1	25
7	A Two-Step Synthetic Strategy toward Monodisperse Colloidal CdSe and CdSe/CdS Core/Shell Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 6475-6483.	13.7	92