

# Ke Gong

## List of Publications by Year in descending order

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14  
papers

568  
citations

759233

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Extinction Coefficients, Oscillator Strengths, and Radiative Lifetimes of CdSe, CdTe, and CdTe/CdSe Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20268-20279.	3.1	88
2	Lattice Strain Limit for Uniform Shell Deposition in Zincblende CdSe/CdS Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1559-1562.	4.6	64
3	Electron-Phonon Coupling in CdSe/CdS Core/Shell Quantum Dots. <i>ACS Nano</i> , 2015, 9, 8131-8141.	14.6	59
4	Radiative Lifetimes of Zincblende CdSe/CdS Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2231-2238.	3.1	57
5	Size-Dependent Exciton-Phonon Coupling in CdSe Nanocrystals through Resonance Raman Excitation Profile Analysis. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7491-7498.	3.1	56
6	Thermal Quenching Mechanisms in II-VI Semiconductor Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7902-7913.	3.1	46
7	A predictive model of shell morphology in CdSe/CdS core/shell quantum dots. <i>Journal of Chemical Physics</i> , 2014, 141, 194704.	3.0	45
8	Auger and Carrier Trapping Dynamics in Core/Shell Quantum Dots Having Sharp and Alloyed Interfaces. <i>ACS Nano</i> , 2016, 10, 3755-3765.	14.6	44
9	Resonance Raman Spectroscopy and Electron-Phonon Coupling in Zinc Selenide Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29533-29539.	3.1	35
10	Resonance Raman Investigation of the Interaction between Aromatic Dithiocarbamate Ligands and CdSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7056-7061.	3.1	24
11	Resonance Raman excitation profiles of CdS in pure CdS and CdSe/CdS core/shell quantum dots: CdS-localized excitons. <i>Journal of Chemical Physics</i> , 2017, 147, 224702.	3.0	23
12	Nonuniform Excitonic Charge Distribution Enhances Exciton-Phonon Coupling in ZnSe/CdSe Alloyed Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 626-630.	4.6	12
13	Strain release in metastable CdSe/CdS quantum dots. <i>Chemical Physics</i> , 2016, 471, 18-23.	1.9	8
14	Biexciton Dynamics in Alloy Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18307-18316.	3.1	7