

# Zhenkun Guo

## List of Publications by Year in descending order

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13  
papers

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citations

1163117

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967  
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#	ARTICLE	IF	CITATIONS
1	Probing Carrier Transport in Layered Perovskites with Nonlinear Optical and Photocurrent Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8021-8030.	3.1	4
2	Synthetic control over orientational degeneracy of spacer cations enhances solar cell efficiency in two-dimensional perovskites. <i>Nature Communications</i> , 2019, 10, 1276.	12.8	222
3	Energy transfer mechanisms in layered 2D perovskites. <i>Journal of Chemical Physics</i> , 2018, 148, 134706.	3.0	70
4	Imaging Carrier Diffusion in Perovskites with a Diffractive Optic-Based Transient Absorption Microscope. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10650-10656.	3.1	31
5	General Post-annealing Method Enables High-Efficiency Two-Dimensional Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33187-33197.	8.0	66
6	Two-Dimensional Resonance Raman Signatures of Vibronic Coherence Transfer in Chemical Reactions. <i>Topics in Current Chemistry</i> , 2017, 375, 87.	5.8	8
7	Communication: Uncovering correlated vibrational cooling and electron transfer dynamics with multidimensional spectroscopy. <i>Journal of Chemical Physics</i> , 2016, 145, 101101.	3.0	4
8	Two-dimensional resonance Raman spectroscopy of oxygen- and water-ligated myoglobins. <i>Journal of Chemical Physics</i> , 2016, 145, 034203.	3.0	8
9	Ultrafast Spectroscopic Signatures of Coherent Electron-Transfer Mechanisms in a Transition Metal Complex. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5773-5790.	2.5	9
10	Perspective: Two-dimensional resonance Raman spectroscopy. <i>Journal of Chemical Physics</i> , 2016, 145, 180901.	3.0	26
11	Elucidation of reactive wavepackets by two-dimensional resonance Raman spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 124202.	3.0	13
12	Femtosecond stimulated Raman spectroscopy by six-wave mixing. <i>Journal of Chemical Physics</i> , 2015, 142, 212405.	3.0	19
13	Multidimensional resonance raman spectroscopy by six-wave mixing in the deep UV. <i>Journal of Chemical Physics</i> , 2014, 141, 114202.	3.0	23