Zhenkun Guo

List of Publications by Year
in descending order

13	503	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	967
all docs	docs citations	times ranked	citing authors

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