

Andrew F Fidler

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,556
citations

430874

18
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2494
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Device Aspects of Nanocrystal Quantum Dots. <i>Chemical Reviews</i> , 2016, 116, 10513-10622.	47.7	744
2	Real-time mapping of electronic structure with single-shot two-dimensional electronic spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16444-16447.	7.1	92
3	Suprafroth in type-I superconductors. <i>Nature Physics</i> , 2008, 4, 327-332.	16.7	78
4	Single-Shot Gradient-Assisted Photon Echo Electronic Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3787-3796.	2.5	65
5	Dynamic localization of electronic excitation in photosynthetic complexes revealed with chiral two-dimensional spectroscopy. <i>Nature Communications</i> , 2014, 5, 3286.	12.8	65
6	Persistent Interexcitonic Quantum Coherence in CdSe Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 196-204.	4.6	64
7	Carrier multiplication detected through transient photocurrent in device-grade films of lead selenide quantum dots. <i>Nature Communications</i> , 2015, 6, 8185.	12.8	56
8	Dissecting Hidden Couplings Using Fifth-Order Three-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2876-2880.	4.6	52
9	Shape-Controlled Narrow-Gap SnTe Nanostructures: From Nanocubes to Nanorods and Nanowires. <i>Journal of the American Chemical Society</i> , 2015, 137, 15074-15077.	13.7	42
10	Excited and ground state vibrational dynamics revealed by two-dimensional electronic spectroscopy. <i>Journal of Chemical Physics</i> , 2012, 137, 024507.	3.0	38
11	Time Scales of Coherent Dynamics in the Light-Harvesting Complex 2 (LH2) of <i>Rhodobacter sphaeroides</i> . <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1404-1409.	4.6	38
12	Energy Transfer Observed in Live Cells Using Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3636-3640.	4.6	34
13	Towards a coherent picture of excitonic coherence in the Fenna-Matthews-Olson complex. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 154013.	1.5	29
14	Probing energy transfer events in the light harvesting complex 2 (LH2) of <i>Rhodobacter sphaeroides</i> with two-dimensional spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 139, 155101.	3.0	29
15	Nonlinear Spectroscopic Theory of Displaced Harmonic Oscillators with Differing Curvatures: A Correlation Function Approach. <i>Journal of Physical Chemistry A</i> , 2013, 117, 9444-9453.	2.5	27
16	Thickness-Controlled Quasi-Two-Dimensional Colloidal PbSe Nanoplatelets. <i>Journal of the American Chemical Society</i> , 2017, 139, 2152-2155.	18.7	25
17	Signatures of correlated excitonic dynamics in two-dimensional spectroscopy of the Fenna-Matthew-Olson photosynthetic complex. <i>Journal of Chemical Physics</i> , 2012, 136, 104505.	3.0	24
18	Two-Dimensional Spectroscopy Can Distinguish between Decoherence and Dephasing of Zero-Quantum Coherences. <i>Journal of Physical Chemistry A</i> , 2012, 116, 282-289.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Electron-hole exchange blockade and memory-less recombination in photoexcited films of colloidal quantum dots. Nature Physics, 2017, 13, 604-610.	16.7	19
20	The dependence of exciton transport efficiency on spatial patterns of correlation within the spectral bath. New Journal of Physics, 2013, 15, 095019.	2.9	14
21	Probing Delocalization in Photosynthetic Antenna Complexes with Femtosecond Chiral Two-Dimensional Spectroscopy. , 2014, , .		0