Andrew F Fidler

List of Publications by Year
in descending order

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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	Thickness-Controlled Quasi-Two-Dimensional Colloidal PbSe Nanoplatelets. Journal of the American Chemical Society, 2017, 139, 2152-2155.	13.7	25
2	Electronâ€“hole exchange blockade and memory-less recombination in photoexcitedÂfilmsÂof colloidal quantum dots. Nature Physics, 2017, 13, 604-610.	16.7	19
3	Spectroscopic and Device Aspects of Nanocrystal Quantum Dots. Chemical Reviews, 2016, 116, 10513-10622.	47.7	744
4	Shape-Controlled Narrow-Gap SnTe Nanostructures: From Nanocubes to Nanorods and Nanowires. Journal of the American Chemical Society, 2015, 137, 15074-15077.	13.7	42
5	Carrier multiplication detected through transient photocurrent in device-grade films of lead selenide quantum dots. Nature Communications, 2015, 6, 8185.	12.8	56
6	Probing Delocalization in Photosynthetic Antenna Complexes with Femtosecond Chiral Two-Dimensional Spectroscopy. , 2014, , .		0
7	Dynamic localization of electronic excitation in photosynthetic complexes revealed with chiral two-dimensional spectroscopy. Nature Communications, 2014, 5, 3286.	12.8	65
8	Persistent Interexcitonic Quantum Coherence in CdSe Quantum Dots. Journal of Physical Chemistry Letters, 2014, 5, 196-204.	4.6	64
9	Energy Transfer Observed in Live Cells Using Two-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry Letters, 2013, 4, 3636-3640.	4.6	34
10	Time Scales of Coherent Dynamics in the Light-Harvesting Complex 2 (LH2) of Rhodobacter sphaeroides. Journal of Physical Chemistry Letters, 2013, 4, 1404-1409.	4.6	38
11	Nonlinear Spectroscopic Theory of Displaced Harmonic Oscillators with Differing Curvatures: A Correlation Function Approach. Journal of Physical Chemistry A, 2013, 117, 9444-9453.	2.5	27
12	Probing energy transfer events in the light harvesting complex 2 (LH2) of Rhodobacter sphaeroides with two-dimensional spectroscopy. Journal of Chemical Physics, 2013, 139, 155101.	3.0	29
13	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
14	Signatures of correlated excitonic dynamics in two-dimensional spectroscopy of the Fenna-Matthew-Olson photosynthetic complex. Journal of Chemical Physics, 2012, 136, 104505.	3.0	24
15	Two-Dimensional Spectroscopy Can Distinguish between Decoherence and Dephasing of Zero-Quantum Coherences. Journal of Physical Chemistry A, 2012, 116, 282-289.	2.5	20
16	Excited and ground state vibrational dynamics revealed by two-dimensional electronic spectroscopy. Journal of Chemical Physics, 2012, 137, 024507.	3.0	38
17	Towards a coherent picture of excitonic coherence in the Fennaâ€“Matthewsâ€“Olson complex. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 154013.	1.5	29
18	Single-Shot Gradient-Assisted Photon Echo Electronic Spectroscopy. Journal of Physical Chemistry A, 2011, 115, 3787-3796.	2.5	65

#	Article	IF	Citations
19	Real-time mapping of electronic structure with single-shot two-dimensional electronic spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16444-16447.	7.1	92
20	Dissecting Hidden Couplings Using Fifth-Order Three-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry Letters, 2010, 1, 2876-2880.	4.6	52
21	Suprafroth in type-I superconductors. Nature Physics, 2008, 4, 327-332.	16.7	78