

Austin P Spencer

List of Publications by Year in descending order

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21
papers

564
citations

932766

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h-index

676716

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22
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered structures of assembled imine-linked macrocycles and two-dimensional covalent organic frameworks give rise to prolonged exciton lifetimes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3015-3026.	2.7	7
2	Crystallography, Morphology, Electronic Structure, and Transport in Non-Fullerene/Non-Indacenodithienothiophene Polymer:Y6 Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 14532-14547.	6.6	214
3	Large Exciton Diffusion Coefficients in Two-Dimensional Covalent Organic Frameworks with Different Domain Sizes Revealed by Ultrafast Exciton Dynamics. <i>Journal of the American Chemical Society</i> , 2020, 142, 14957-14965.	6.6	68
4	Non-Uniform Excited State Electronic-Vibrational Coupling of Pigment-Protein Complexes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10388-10395.	2.1	5
5	Rapid acquisition of broadband two-dimensional electronic spectra by continuous scanning with conventional delay lines. <i>Optics Letters</i> , 2020, 45, 2942.	1.7	7
6	Phonon-induced plasmon-exciton coupling changes probed via oscillation-associated spectra. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	3
7	Beyond the Gouy-Chapman Model with Heterodyne-Detected Second Harmonic Generation. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2328-2334.	2.1	63
8	Carrier Dynamics and Interactions for Bulklike Photoexcitation of Colloidal Indium Arsenide Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2019, 123, 848-858.	1.5	3
9	Four-Dimensional Coherent Spectroscopy of Complex Molecular Systems in Solution. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6303-6315.	1.5	2
10	Exciton-Phonon Spectroscopy of Quantum Dots Below the Single-Particle Homogeneous Line Width. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1503-1508.	2.1	5
11	Ultrafast Four-Dimensional Coherent Spectroscopy by Projection Reconstruction. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1034-1040.	2.1	10
12	Coherences of Bacteriochlorophyll a Uncovered Using 3D-Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6077-6081.	2.1	19
13	Quantum coherence selective 2D Raman-2D electronic spectroscopy. <i>Nature Communications</i> , 2017, 8, 14732.	5.8	37
14	Sample exchange by beam scanning with applications to noncollinear pump-probe spectroscopy at kilohertz repetition rates. <i>Review of Scientific Instruments</i> , 2017, 88, 064101.	0.6	4
15	Isolated Ground-State Vibrational Coherence Measured by Fifth-Order Single-Shot Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3636-3640.	2.1	11
16	Mapping multidimensional electronic structure and ultrafast dynamics with single-element detection and compressive sensing. <i>Nature Communications</i> , 2016, 7, 10434.	5.8	18
17	Enhanced-Resolution Single-Shot 2DFT Spectroscopy by Spatial Spectral Interferometry. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 945-950.	2.1	9
18	Pulse Propagation Effects in Optical 2D Fourier-Transform Spectroscopy: Theory. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3936-3960.	1.1	19

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19	Absolute Measurement of Femtosecond Pump-Probe Signal Strength. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6332-6345.	1.1	11
20	Pulse Propagation Effects in Optical 2D Fourier-Transform Spectroscopy: Experiment. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6279-6287.	1.1	23
21	Experimental Thermochemistry of SiCl ₃ R (R = Cl, H, CH ₃ , C ₂ H ₅ , C ₂ H ₃ , CH ₂ Cl, SiCl ₃), SiCl ₃ ⁺ , and SiCl ₃ ⁺ . <i>Journal of Physical Chemistry A</i> , 2009, 113, 9458-9466.	1.1	22