

Austin P Spencer

List of Publications by Year in descending order

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932766

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891
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Quantum coherence selective 2D Raman-2D electronic spectroscopy. <i>Nature Communications</i> , 2017, 8, 14732.	5.8	37
5	Pulse Propagation Effects in Optical 2D Fourier-Transform Spectroscopy: Experiment. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6279-6287.	1.1	23
6	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
7	Pulse Propagation Effects in Optical 2D Fourier-Transform Spectroscopy: Theory. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3936-3960.	1.1	19
8	Coherences of Bacteriochlorophyll a Uncovered Using 3D-Electronic Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6077-6081.	2.1	19
9	Mapping multidimensional electronic structure and ultrafast dynamics with single-element detection and compressive sensing. <i>Nature Communications</i> , 2016, 7, 10434.	5.8	18
10	Absolute Measurement of Femtosecond Pump-Probe Signal Strength. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6332-6345.	1.1	11
11	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
12	Ultrafast Four-Dimensional Coherent Spectroscopy by Projection Reconstruction. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1034-1040.	2.1	10
13	Enhanced-Resolution Single-Shot 2DFT Spectroscopy by Spatial Spectral Interferometry. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 945-950.	2.1	9
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Phonon-induced plasmon-exciton coupling changes probed via oscillation-associated spectra. Applied Physics Letters, 2019, 115, .	1.5	3
20	Carrier Dynamics and Interactions for Bulklike Photoexcitation of Colloidal Indium Arsenide Quantum Dots. Journal of Physical Chemistry C, 2019, 123, 848-858.	1.5	3
21	Four-Dimensional Coherent Spectroscopy of Complex Molecular Systems in Solution. Journal of Physical Chemistry C, 2019, 123, 6303-6315.	1.5	2