

Blaise J Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

580
citations

1307594

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1199594

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docs citations

13
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution Growth of Single Crystal Methylammonium Lead Halide Perovskite Nanostructures for Optoelectronic and Photovoltaic Applications. <i>Journal of the American Chemical Society</i> , 2015, 137, 5810-5818.	13.7	368
2	Ionization of High-Density Deep Donor Defect States Explains the Low Photovoltage of Iron Pyrite Single Crystals. <i>Journal of the American Chemical Society</i> , 2014, 136, 17163-17179.	13.7	95
3	Measurement of Ultrafast Excitonic Dynamics of Few-Layer MoS ₂ Using State-Selective Coherent Multidimensional Spectroscopy. <i>ACS Nano</i> , 2015, 9, 12146-12157.	14.6	33
4	Exploring Electronic Structure and Order in Polymers via Single-Particle Microresonator Spectroscopy. <i>Nano Letters</i> , 2018, 18, 1600-1607.	9.1	23
5	The XyloTron: Flexible, Open-Source, Image-Based Macroscopic Field Identification of Wood Products. <i>Frontiers in Plant Science</i> , 2020, 11, 1015.	3.6	21
6	Three Dimensional Triply Resonant Sum Frequency Spectroscopy Revealing Vibronic Coupling in Cobalamins: Toward a Probe of Reaction Coordinates. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9031-9042.	2.5	12
7	Frequency-domain coherent multidimensional spectroscopy when dephasing rivals pulsewidth: Disentangling material and instrument response. <i>Journal of Chemical Physics</i> , 2017, 147, 084202.	3.0	9
8	Versatile Open-Source Photoreactor Architecture for Photocatalysis Across the Visible Spectrum. <i>Organic Letters</i> , 2021, 23, 5277-5281.	4.6	9
9	Resonant Third-Order Susceptibility of PbSe Quantum Dots Determined by Standard Dilution and Transient Grating Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18086-18093.	3.1	3
10	WrightTools: a Python package for multidimensional spectroscopy. <i>Journal of Open Source Software</i> , 2019, 4, 1141.	4.6	3
11	Multichannel gas-uptake/evolution reactor for monitoring liquid-phase chemical reactions. <i>Review of Scientific Instruments</i> , 2021, 92, 044103.	1.3	2
12	WrightSim: Using PyCUDA to Simulate Multidimensional Spectra. , 2018, , .		1
13	The Wisconsin Oscillator: A Low-Cost Circuit for Powering Ion Guides, Funnel, and Traps. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2821-2826.	2.8	1