

Andrew C Jones

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,593
citations

516710

16
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

2637
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Near-Field Mapping of Plasmonic Nanoprisms. <i>Nano Letters</i> , 2008, 8, 3357-3363.	9.1	233
2	Nano-optical Investigations of the Metal-Insulator Phase Behavior of Individual VO ₂ Microcrystals. <i>Nano Letters</i> , 2010, 10, 1574-1581.	9.1	230
3	Nano-optical imaging and spectroscopy of order, phases, and domains in complex solids. <i>Advances in Physics</i> , 2012, 61, 745-842.	14.4	196
4	Thermal Infrared Near-Field Spectroscopy. <i>Nano Letters</i> , 2012, 12, 1475-1481.	9.1	179
5	Near-field imaging of optical antenna modes in the mid-infrared. <i>Optics Express</i> , 2008, 16, 20295.	3.4	136
6	Inhomogeneity of the ultrafast insulator-to-metal transition dynamics of VO ₂ . <i>Nature Communications</i> , 2015, 6, 6849.	12.8	134
7	Mid-IR Plasmonics: Near-Field Imaging of Coherent Plasmon Modes of Silver Nanowires. <i>Nano Letters</i> , 2009, 9, 2553-2558.	9.1	98
8	Broadband 2D electronic spectrometer using white light and pulse shaping: noise and signal evaluation at 1 and 100 kHz. <i>Optics Express</i> , 2017, 25, 7869.	3.4	77
9	The thermal near-field: Coherence, spectroscopy, heat-transfer, and optical forces. <i>Progress in Surface Science</i> , 2013, 88, 349-392.	8.3	69
10	Impact of non-equilibrium molecular packings on singlet fission in microcrystals observed using 2D white-light microscopy. <i>Nature Chemistry</i> , 2020, 12, 40-47.	13.6	42
11	Spectral frustration and spatial coherence in thermal near-field spectroscopy. <i>Physical Review B</i> , 2014, 89, .	3.2	37
12	Shot-to-shot 2D IR spectroscopy at 100 kHz using a Yb laser and custom-designed electronics. <i>Optics Express</i> , 2020, 28, 33584.	3.4	34
13	Multidimensional Spectroscopy on the Microscale: Development of a Multimodal Imaging System Incorporating 2D White-Light Spectroscopy, Broadband Transient Absorption, and Atomic Force Microscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 10824-10836.	2.5	23
14	Quantum Light Emission from Coupled Defect States in DNA-Functionalized Carbon Nanotubes. <i>ACS Nano</i> , 2021, 15, 10406-10414.	14.6	22
15	Two-Dimensional White-Light Spectroscopy Using Supercontinuum from an All-Normal Dispersion Photonic Crystal Fiber Pumped by a 70 MHz Yb Fiber Oscillator. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3046-3055.	2.5	20
16	Millimeter-Size All-Inorganic Perovskite Crystalline Thin Film Grown by Chemical Vapor Deposition. <i>Advanced Functional Materials</i> , 2021, 31, 2101058.	14.9	19
17	Photoluminescence Dynamics Defined by Exciton Trapping Potential of Coupled Defect States in DNA-Functionalized Carbon Nanotubes. <i>ACS Nano</i> , 2021, 15, 923-933.	14.6	15
18	Thermal Annealing of Singlet Fission Microcrystals Reveals the Benefits of Charge Transfer Couplings and Slip-Stacked Packing. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15123-15131.	3.1	12

#	ARTICLE	IF	CITATIONS
19	Dual spectral phase and diffraction angle compensation of a broadband AOM 4-f pulse-shaper for ultrafast spectroscopy. Optics Express, 2019, 27, 37236.	3.4	10
20	Broadband Electrical Permittivity of Gold for Plasmonics and Nano-Optics Applications. , 2011, , .		3
21	Enhanced van der Waals epitaxy of germanium by out-of-plane dipole moment induced from transferred graphene on TiN/AlN multilayers. Journal of Applied Physics, 2021, 130, .	2.5	3
22	2D White-Light Spectroscopy: Application to Lead-Halide Perovskites with Mixed Cations. ACS Symposium Series, 0, , 135-151.	0.5	1
23	A study on the spectral characteristics of Au nanoantennas. , 2009, , .		0
24	Phonon Polariton Spectroscopy in the Thermal Near-Field. , 2013, , .		0