

Benjamin W Caplins

List of Publications by Year in descending order

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19
papers

339
citations

933264

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h-index

839398

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19
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19
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme Ultraviolet Radiation Pulsed Atom Probe Tomography of III-Nitride Semiconductor Materials. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2626-2635.	1.5	3
2	Orientation mapping of graphene using 4D STEM-in-SEM. <i>Ultramicroscopy</i> , 2020, 219, 113137.	0.8	15
3	An algorithm for correcting systematic energy deficits in the atom probe mass spectra of insulating samples. <i>Ultramicroscopy</i> , 2020, 213, 112995.	0.8	7
4	Field Ion Emission in an Atom Probe Microscope Triggered by Femtosecond-Pulsed Coherent Extreme Ultraviolet Light. <i>Microscopy and Microanalysis</i> , 2020, 26, 258-266.	0.2	11
5	Obtaining diffraction patterns from annular dark-field STEM-in-SEM images: Towards a better understanding of image contrast. <i>Ultramicroscopy</i> , 2020, 212, 112972.	0.8	4
6	Orientation mapping of graphene in a scanning electron microscope. <i>Carbon</i> , 2019, 149, 400-406.	5.4	7
7	Transmission imaging with a programmable detector in a scanning electron microscope. <i>Ultramicroscopy</i> , 2019, 196, 40-48.	0.8	20
8	A programmable dark-field detector for imaging two-dimensional materials in the scanning electron microscope. , 2019, , .		0
9	Femtosecond to nanosecond excited state dynamics of vapor deposited copper phthalocyanine thin films. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11454-11459.	1.3	45
10	Intermolecular Interactions Determine Exciton Lifetimes in Neat Films and Solid State Solutions of Metal-Free Phthalocyanine. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27340-27347.	1.5	23
11	Quantum beats at the metal/organic interface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 198, 20-25.	0.8	4
12	Vibrational Cooling Dynamics of a [FeFe]-Hydrogenase Mimic Probed by Time-Resolved Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2014, 118, 11529-11540.	1.1	20
13	Electron dynamics of the buffer layer and bilayer graphene on SiC. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	6
14	Femtosecond Trapping of Free Electrons in Ultrathin Films of NaCl on Ag(100). <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3073-3077.	2.1	8
15	Studying the Dynamics of Photochemical Reactions via Ultrafast Time-Resolved Infrared Spectroscopy of the Local Solvent. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2974-2978.	2.1	10
16	Metal/Phthalocyanine Hybrid Interface States on Ag(111). <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1679-1684.	2.1	44
17	Femtosecond Electron Solvation at the Ionic Liquid/Metal Electrode Interface. <i>Journal of the American Chemical Society</i> , 2013, 135, 10646-10653.	6.6	29
18	Time-Resolved Vibrational Spectroscopy of [FeFe]-Hydrogenase Model Compounds. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7261-7271.	1.1	36

#	ARTICLE	IF	CITATIONS
19	JHelioviewer: Visualizing Large Sets of Solar Images Using JPEG 2000. Computing in Science and Engineering, 2009, 11, 38-47.	1.2	47