Jeffrey J Schwartz

List of Publications by Year
in descending order

Version: 2024-02-01

13 papers	505 citations	759233 12 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	907 citing authors

#	Article	IF	Citations
1	Electrons, Photons, and Force: Quantitative Single-Molecule Measurements from Physics to Biology. ACS Nano, 2011, 5, 693-729.	14.6	95
2	Surface Dipole Control of Liquid Crystal Alignment. Journal of the American Chemical Society, 2016, 138, 5957-5967.	13.7	94
3	Lithium-Ion Insertion Properties of Solution-Exfoliated Germanane. ACS Nano, 2017, 11, 7995-8001.	14.6	63
4	A guide to nanoscale IR spectroscopy: resonance enhanced transduction in contact and tapping mode AFM-IR. Chemical Society Reviews, 2022, 51, 5248-5267.	38.1	45
5	Chemical Identification of Interlayer Contaminants within van der Waals Heterostructures. ACS Applied Materials & Interfaces, 2019, 11, 25578-25585.	8.0	43
6	Differentiating Amino Acid Residues and Side Chain Orientations in Peptides Using Scanning Tunneling Microscopy. Journal of the American Chemical Society, 2013, 135, 18528-18535.	13.7	33
7	Defect-Tolerant Aligned Dipoles within Two-Dimensional Plastic Lattices. ACS Nano, 2015, 9, 4734-4742.	14.6	30
8	Substrate-mediated hyperbolic phonon polaritons in MoO₃. Nanophotonics, 2021, 10, 1517-1527.	6.0	25
9	Self-Collapse Lithography. Nano Letters, 2017, 17, 5035-5042.	9.1	19
10	Micro to Nano: Multiscale IR Analyses Reveal Zinc Soap Heterogeneity in a 19th-Century Painting by Corot. Analytical Chemistry, 2022, 94, 3103-3110.	6.5	18
11	Experimental confirmation of long hyperbolic polariton lifetimes in monoisotopic (10B) hexagonal boron nitride at room temperature. APL Materials, 2021, 9, .	5.1	16
12	Molecular Flux Dependence of Chemical Patterning by Microcontact Printing. ACS Applied Materials & Interfaces, 2013, 5, 10310-10316.	8.0	12
13	High Throughput Nanoimaging of Thermal Conductivity and Interfacial Thermal Conductance. Nano Letters, 2022, 22, 4325-4332.	9.1	12