

Supriya Koul

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

270
citations

1477746

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h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Supported Tin Sulfide Porous Films for Flexible Aluminum-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802543.	10.2	110
2	Periodically Ordered Nanoporous Perovskite Photoelectrode for Efficient Photoelectrochemical Water Splitting. <i>ACS Nano</i> , 2018, 12, 6335-6342.	7.3	74
3	CO ₂ Bubble-Assisted Pt Exposure in PtFeNi Porous Film for High-Performance Zinc-Air Battery. <i>Journal of the American Chemical Society</i> , 2021, 143, 11595-11601.	6.6	34
4	Antioxidant properties of ALD grown nanocerium films with tunable valency. <i>Biomaterials Science</i> , 2019, 7, 3051-3061.	2.6	20
5	Thermal Stability of Hole-Selective Tungsten Oxide: In Situ Transmission Electron Microscopy Study. <i>Scientific Reports</i> , 2018, 8, 12651.	1.6	16
6	In situ TEM Characterization of Microstructure Evolution and Mechanical Behavior of the 3D-Printed Inconel 718 Exposed to High Temperature. <i>Microscopy and Microanalysis</i> , 2021, 27, 250-256.	0.2	7
7	In Situ Transmission Electron Microscopy Study of Molybdenum Oxide Contacts for Silicon Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800998.	0.8	6
8	Microstructure and mechanical behavior of the 3D printed Inconel 718: In-situ TEM study. <i>Microscopy and Microanalysis</i> , 2018, 24, 1942-1943.	0.2	2
9	In Situ Transmission Electron Microscopy: A Powerful Tool for the Characterization of Carrier-Selective Contacts. , 2019, , .		0