

Yu-Cheng Shao

List of Publications by Year in descending order

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papers

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citations

1040056

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all docs

21
docs citations

21
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1055
citing authors

#	ARTICLE	IF	CITATIONS
1	Momentum-resolved resonant inelastic soft X-ray scattering (qRIXS) endstation at the ALS. Journal of Electron Spectroscopy and Related Phenomena, 2022, 257, 146897.	1.7	8
2	Spectroscopic Determination of Key Energy Scales for the Base Hamiltonian of Chromium Trihalides. Journal of Physical Chemistry Letters, 2021, 12, 724-731.	4.6	3
3	Realization of Electron Antidoping by Modulating the Breathing Distortion in BaBiO ₃ . Nano Letters, 2021, 21, 3981-3988.	9.1	4
4	Electronic surface reconstruction of TiO ₂ nanocrystals revealed by resonant inelastic x-ray scattering. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	2.1	1
5	Evolution of superconductivity in K _{2-x} Fe _{4+y} Se ₅ : Spectroscopic studies of X-ray absorption and emission. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22458-22463.	7.1	3
6	Fabrication and 3D Patterning of Bio-Composite Consisting of Carboxymethylated Cellulose Nanofibers and Cobalt Ferrite Nanoparticles. ChemistrySelect, 2019, 4, 4416-4421.	1.5	4
7	Strain effect on orbital and magnetic structures of Mn ions in epitaxial Nd _{0.35} Sr _{0.65} MnO ₃ /SrTiO ₃ films using X-ray diffraction and absorption. Scientific Reports, 2019, 9, 5160.	3.3	2
8	The effect of orbital-lattice coupling on the electrical resistivity of YBaCuFeO ₅ investigated by X-ray absorption. Scientific Reports, 2019, 9, 18586.	3.3	1
9	Anisotropy in the magnetic interaction and lattice-orbital coupling of single crystal Ni ₃ TeO ₆ . Scientific Reports, 2018, 8, 15779.	3.3	6
10	Origin of magnetic properties in carbon implanted ZnO nanowires. Scientific Reports, 2018, 8, 7758.	3.3	40
11	Modular soft x-ray spectrometer for applications in energy sciences and quantum materials. Review of Scientific Instruments, 2017, 88, 013110.	1.3	77
12	The key energy scales of Gd-based metallofullerene determined by resonant inelastic x-ray scattering spectroscopy. Scientific Reports, 2017, 7, 8125.	3.3	3
13	Anisotropy in the thermal hysteresis of resistivity and charge density wave nature of single crystal SrFeO _{3-I'} : X-ray absorption and photoemission studies. Scientific Reports, 2017, 7, 161.	3.3	16
14	Reproducibly creating hierarchical 3D carbon to study the effect of Si surface functionalization on the oxygen reduction reaction. Nanoscale, 2016, 8, 11617-11624.	5.6	1
15	Understanding of sub-band gap absorption of femtosecond-laser sulfur hyperdoped silicon using synchrotron-based techniques. Scientific Reports, 2015, 5, 11466.	3.3	34
16	Visualizing chemical states and defects induced magnetism of graphene oxide by spatially-resolved-X-ray microscopy and spectroscopy. Scientific Reports, 2015, 5, 15439.	3.3	31
17	Correlation between electrochromism and electronic structures of tungsten oxide films. RSC Advances, 2014, 4, 5036.	3.6	31
18	Atomic-scale observation of a graded polar discontinuity and a localized two-dimensional electron density at an insulating oxide interface. Physical Review B, 2013, 87, .	3.2	16

#	ARTICLE	IF	CITATIONS
19	Effect of geometry on the magnetic properties of CoFe ₂ O ₄ @PbTiO ₃ multiferroic composites. RSC Advances, 2013, 3, 7884. Correlation between p -type conductivity and electronic structure of Cr-deficient CuCr _{1-x} O	3.6	53
20	$1 < \hat{a}^x < O$	3.2	9
21	Nitrogen-Functionalized Graphene Nanoflakes (GNFs:N): Tunable Photoluminescence and Electronic Structures. Journal of Physical Chemistry C, 2012, 116, 16251-16258.	3.1	51