

Ru-Pan Wang

List of Publications by Year in descending order

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17
papers

237
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Mn and Co Charge and Spin Evolutions in LaMnCoO_3 Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8167-8174.	3.1	45
2	Deactivation of Cu-Exchanged Automotive SCR Catalysts Elucidated with Nanoscale Resolution Using Scanning Transmission X-ray Microscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15610-15617.	13.8	34
3	Charge-Transfer Analysis of 2p3d Resonant Inelastic X-ray Scattering of Cobalt Sulfide and Halides. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24919-24928.	3.1	22
4	Sum rule distortions in fluorescence-yield x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2017, 96, .	3.2	16
5	Excitonic dispersion of the intermediate spin state in LaCoO_3 revealed by resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 98, .	3.2	16
6	Cobalt-to-vanadium charge transfer in polyoxometalate water oxidation catalysts revealed by 2p3d resonant inelastic X-ray scattering. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4554-4562.	2.8	15
7	Direct and real-time observation of hole transport dynamics in anatase TiO_2 using X-ray free-electron laser. <i>Nature Communications</i> , 2022, 13, 2531.	12.8	15
8	Magnetic Contrast at Spin-Flip Excitations: An Advanced X-Ray Spectroscopy Tool to Study Magnetic-Ordering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36213-36220.	8.0	12
9	Distorted Tetrahedral Co^{II} in $\text{K}_5\text{H}[\text{CoW}_{12}\text{O}_{40}]\cdot 2\text{H}_2\text{O}$ Probed by 2p3d Resonant Inelastic X-ray Scattering. <i>Inorganic Chemistry</i> , 2016, 55, 10152-10160.	4.0	11
10	Low-energy orbital excitations in strained LaCoO_3 films. <i>Physical Review B</i> , 2019, 100, .	3.2	10
11	Many-Body Physics of Single and Double Spin-Flip Excitations in NiO. <i>Physical Review Letters</i> , 2020, 124, 067202.	7.8	10
12	Deactivation of Cu-Exchanged Automotive SCR Catalysts Elucidated with Nanoscale Resolution Using Scanning Transmission X-ray Microscopy. <i>Angewandte Chemie</i> , 2020, 132, 15740-15747.	2.0	8
13	Damping of spinful excitons in LaCoO_3 by thermal fluctuations: Theory and experiment. <i>Physical Review B</i> , 2020, 101, .	3.2	7
14	Saturation and self-absorption effects in the angle-dependent 2p3d resonant inelastic X-ray scattering spectra of Co^{3+} . <i>Journal of Synchrotron Radiation</i> , 2020, 27, 979-987.	2.4	5
15	Analyzing the Local Electronic Structure of Co_3O_4 Using 2p3d Resonant Inelastic X-ray Scattering. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8752-8759.	3.1	5
16	Ultrafast manipulation of the NiO antiferromagnetic order via sub-gap optical excitation. <i>Faraday Discussions</i> , 0, 237, 300-316.	3.2	4
17	Electronic excitations of Fe^{2+} in Fe_2O_3 heteroepitaxial films measured by resonant inelastic x-ray scattering at the Fe L edge. <i>Physical Review B</i> , 2022, 105, .	3.2	2