

Hsiao-Yu Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Resonant inelastic X-ray scattering as a probe of $J_{eff} = \hat{e} \frac{1}{2}$ state in 3d transition-metal oxide. Npj Quantum Materials, 2022, 7, .	5.2	1
2	Analyzing the Local Electronic Structure of Co_3O_4 Using 2p3d Resonant Inelastic X-ray Scattering. Journal of Physical Chemistry C, 2022, 126, 8752-8759.	3.1	5
3	Acoustic plasmons and conducting carriers in hole-doped cuprate superconductors. Physical Review B, 2022, 105, .	3.2	12
4	Development of the Soft X-ray AGS RIXS beamline at the Taiwan Photon Source. Journal of Synchrotron Radiation, 2021, 28, 977-986.	2.4	15
5	Evolution of valence- and spin-specific local distortions in $La_{1-x}Mn_2O_7$. Physical Review B, 2021, 104, .	3.2	10
6	Quantum Fluctuations of Charge Order Induce Phonon Softening in a Superconducting Cuprate. Physical Review X, 2021, 11, .	8.9	9
7	Electronic structure investigation of a charge density wave coupled to a metal-to-metal transition in Ce_3O_3 . Physical Review B, 2018, 98, .	3.2	3
8	Excitonic dispersion of the intermediate spin state in $LaCoO_3$ revealed by resonant inelastic x-ray scattering. Physical Review B, 2018, 98, .	3.2	16
9	Doping dependence of the magnetic excitations in $La_{1-x}Mn_2O_7$. Physical Review B, 2017, 95, .	3.2	33
10	Coulomb Correlations Intertwined with Spin and Orbital Excitations in $LaCoO_3$. Physical Review Letters, 2017, 119, 196402.	7.8	31
11	Jahn-Teller distortion driven magnetic polarons in magnetite. Nature Communications, 2017, 8, 15929.	12.8	47
12	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. Scientific Reports, 2016, 6, 19657.	3.3	32
13	Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. Nature Physics, 2014, 10, 883-889.	16.7	106
14	Highly efficient beamline and spectrometer for inelastic soft X-ray scattering at high resolution. Journal of Synchrotron Radiation, 2014, 21, 325-332.	2.4	51
15	Ab initio calculation of d-d excitations in quasi-one-dimensional Cu_9 correlated materials. Physical Review B, 2011, 84, .	3.2	29