Yi-de Chuang

List of Publications by Year
in descending order

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128 papers	5,817 citations	66343 42 h-index	76900 74 g-index
129 all docs	129 docs citations	129 times ranked	7499 citing authors

#	Article	IF	Citations
1	Rhombohedral Prussian White as Cathode for Rechargeable Sodium-Ion Batteries. Journal of the American Chemical Society, 2015, 137, 2548-2554.	13.7	552
2	Large-Amplitude Spin Dynamics Driven by a THz Pulse in Resonance with an Electromagnon. Science, 2014, 343, 1333-1336.	12.6	255
3	High Reversibility of Lattice Oxygen Redox Quantified by Direct Bulk Probes of Both Anionic and Cationic Redox Reactions. Joule, 2019, 3, 518-541.	24.0	225
4	Fermi Surface and Quasiparticle Dynamics ofNa0.7CoO2Investigated by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2004, 92, 246402.	7.8	214
5	Electronic structure of the parent compound of superconducting infinite-layer nickelates. Nature Materials, 2020, 19, 381-385.	27.5	205
6	Femtosecond electron-phonon lock-in by photoemission and x-ray free-electron laser. Science, 2017, 357, 71-75.	12.6	177
7	Fermi Surface Nesting and Nanoscale Fluctuating Charge/Orbital Ordering in Colossal Magnetoresistive Oxides. Science, 2001, 292, 1509-1513.	12.6	171
8	Heterointerface engineered electronic and magnetic phases of NdNiO3 thin films. Nature Communications, 2013, 4, 2714.	12.8	167
9	Mass-renormalized electronic excitations at(Ï€,0)in the superconducting state ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2003, 68, .	3.2	145
10	Doubling of the Bands in OverdopedBi2Sr2CaCu2O8+Î´: Evidence forc-Axis Bilayer Coupling. Physical Review Letters, 2001, 87, 117002.	7.8	137
11	Phase Transformation and Lithiation Effect on Electronic Structure of Li_xFePO₄: An In-Depth Study by Soft X-ray and Simulations. Journal of the American Chemical Society, 2012, 134, 13708-13715.	13.7	136
12	Driving magnetic order in a manganite by ultrafast lattice excitation. Physical Review B, 2011, 84, .	3.2	130
13	Soft X-Ray Irradiation Effects of Li2O2, Li2CO3 and Li2O Revealed by Absorption Spectroscopy. PLoS ONE, 2012, 7, e49182.	2.5	128
14	Speed limit of the insulatorâ€“metal transition inÂmagnetite. Nature Materials, 2013, 12, 882-886.	27.5	121
15	Widespread spin polarization effects in photoemission from topological insulators. Physical Review B, 2011, 84, .	3.2	111
16	X-ray pulse preserving single-shot optical cross-correlation method for improved experimental temporal resolution. Applied Physics Letters, 2012, 100, .	3.3	111
17	Spatially resolved ultrafast magnetic dynamics initiated at a complex oxide heterointerface. Nature Materials, 2015, 14, 883-888.	27.5	109
18	High-efficiency in situ resonant inelastic x-ray scattering (iRIXS) endstation at the Advanced Light Source. Review of Scientific Instruments, 2017, 88, 033106.	1.3	107

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19	Reexamination of the Electronic Structure ofBi2Sr2CaCu2O8+Î´andBi2Sr2Cu1O6+Î´: Electronlike Portions of the Fermi Surface and Depletion of Spectral Weight nearMÂ¯. Physical Review Letters, 1999, 83, 3717-3720.	7.8	99
20	Femtosecond Dynamics of the Collinear-to-Spiral Antiferromagnetic Phase Transition in CuO. Physical Review Letters, 2012, 108, 037203.	7.8	98
21	Key electronic states in lithium battery materials probed by soft X-ray spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2013, 190, 64-74.	1.7	89
22	Cycling mechanism of Li2MnO3: Liâ€“CO2Âbatteries and commonality on oxygen redox in cathode materials. Joule, 2021, 5, 975-997.	24.0	88
23	Impact of high biomass loading on ionic liquid pretreatment. Biotechnology for Biofuels, 2013, 6, 52.	6.2	85
24	Monovalent manganese based anodes and co-solvent electrolyte for stable low-cost high-rate sodium-ion batteries. Nature Communications, 2018, 9, 861.	12.8	84
25	Melting of Charge Stripes in Vibrationally Driven<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>1.875</mml:mn></mml:mr Assessing the Respective Roles of Electronic a. Physical Review Letters, 2014, 112, 157002.	7.8	82
26	Dissociate lattice oxygen redox reactions from capacity and voltage drops of battery electrodes. Science Advances, 2020, 6, eaaw3871.	10.3	82
27	Spectroscopic Signature of Oxidized Oxygen States in Peroxides. Journal of Physical Chemistry Letters, 2018, 9, 6378-6384.	4.6	80
28	High-resolution, high-transmission soft x-ray spectrometer for the study of biological samples. Review of Scientific Instruments, 2009, 80, 063103.	1.3	79
29	Modular soft x-ray spectrometer for applications in energy sciences and quantum materials. Review of Scientific Instruments, 2017, 88, 013110.	1.3	77
30	Hierarchically Controlled Insideâ€Out Doping of Mg Nanocomposites for Moderate Temperature Hydrogen Storage. Advanced Functional Materials, 2017, 27, 1704316.	14.9	72
31	Negligible voltage hysteresis with strong anionic redox in conventional battery electrode. Nano Energy, 2020, 74, 104831.	16.0	72
32	Low-Lying Quasiparticle States and Hidden Collective Charge Instabilities in Parent Cobaltate Superconductors. Physical Review Letters, 2006, 96, 216405.	7.8	71
33	Coupled Skyrmion Sublattices inCu2OSeO3. Physical Review Letters, 2014, 112, 167202.	7.8	71
34	Development of a compact fast CCD camera and resonant soft x-ray scattering endstation for time-resolved pump-probe experiments. Review of Scientific Instruments, 2011, 82, 073303.	1.3	66
35	Photoinduced melting of magnetic order in the correlated electron insulator NdNiO3. Physical Review B, 2013, 88, .	3.2	57
36	Quasiparticlelike Peaks, Kinks, and Electron-Phonon Coupling at the(Ï€,0)Regions in the CMR OxideLa2â^'2xSr1+2xMn2O7. Physical Review Letters, 2006, 97, 056401.	7.8	56

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37	Why LiFePO₄is a safe battery electrode: Coulomb repulsion induced electron-state reshuffling upon lithiation. Physical Chemistry Chemical Physics, 2015, 17, 26369-26377.	2.8	52
38	Orbital and spin character of doped carriers in infinite-layer nickelates. Physical Review B, 2021, 104, .	3.2	50
39	Real-Time Manifestation of Strongly Coupled Spin and Charge Order Parameters in Stripe-Ordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.75</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn Crystals Using Time-Resolved Resonant X-Ray Diffraction. Physical Review Letters, 2013, 110, 127404.	7.8	48
40	A setup for extreme-ultraviolet ultrafast angle-resolved photoelectron spectroscopy at 50-kHz repetition rate. Review of Scientific Instruments, 2019, 90, 023105.	1.3	48
41	A local metallic state in globally insulating La1.24Sr1.76Mn2O7 well above the metalâ€“insulator transition. Nature Physics, 2007, 3, 248-252.	16.7	45
42	Fingerprint Oxygen Redox Reactions in Batteries through High-Efficiency Mapping of Resonant Inelastic X-ray Scattering. Condensed Matter, 2019, 4, 5.	1.8	44
43	Surface Defects: Possible Source of Room Temperature Ferromagnetism in Co-Doped ZnO Nanorods. Journal of Physical Chemistry C, 2013, 117, 8968-8973.	3.1	42
44	Bilayer splitting and coherence effects in optimal and underdopedBi2Sr2CaCu2O8+Î´. Physical Review B, 2004, 69, .	3.2	41
45	Imaging the First-Order Magnetic Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>0.35</mml:mn></mml:msub><mml:msub><mml:mi>Pr</mml:mi><mml:mn Physical Review Letters, 2012, 108, 237202.	7.8	40
46	High-resolution soft X-ray emission spectrograph at advanced light source. Journal of Physics and Chemistry of Solids, 2005, 66, 2173-2178.	4.0	37
47	A multiplexed high-resolution imaging spectrometer for resonant inelastic soft X-ray scattering spectroscopy. Journal of Synchrotron Radiation, 2014, 21, 736-743.	2.4	37
48	Ultrafast charge localization in a stripe-phase nickelate. Nature Communications, 2013, 4, 2643.	12.8	36
49	Distinct Oxygen Redox Activities in Li₂MO₃ (M = Mn, Ru, Ir). ACS Energy Letters, 2021, 6, 3417-3424.	17.4	33
50	Spectroscopic Determination of the Atomic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math>-Electron Symmetry Underlying Hidden Order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>URu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review Letters, 2015, 114, 236401.	7.8	32
51	Direct characterization of photoinduced lattice dynamics in BaFe2As2. Nature Communications, 2015, 6, 7377.	12.8	32
52	Full Energy Range Resonant Inelastic X-ray Scattering of O₂ and CO₂: Direct Comparison with Oxygen Redox State in Batteries. Journal of Physical Chemistry Letters, 2020, 11, 2618-2623.	4.6	30
53	Ferromagnetic Enhancement of CE-Type Spin Ordering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi>Pr</mml:mi><mml:mo>,</mml:mo><mml:mi>Ca</mml:mi><mml:mo) Tj ET Q q 1 1 0.784314 rg B	7.8	26
54	Magnetic order dynamics in optically excited multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TbMn</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	3.2	24

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55	Bulk electronic structure ofYbInCu4from photoemission:â€ƒA unique test of the single impurity model. Physical Review B, 2000, 62, 16492-16499.	3.2	23
56	Pure electronic metal-insulator transition at the interface of complex oxides. Scientific Reports, 2016, 6, 27934.	3.3	22
57	Evolution of three-dimensional correlations during the photoinduced melting of antiferromagnetic order in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>.	3.2	19
58	Soft X-ray absorption spectroscopy investigations of Bi6FeCoTi3O18 and LaBi5FeCoTi3O18 epitaxial thin films. Journal of Applied Physics, 2016, 120, 084101.	2.5	19
59	Multiplet resonance lifetimes in resonant inelastic x-ray scattering involving shallow core levels. Physical Review B, 2012, 86, .	3.2	16
60	Extending resonant inelastic X-ray scattering to the extreme ultraviolet. Frontiers in Physics, 2015, 3, .	2.1	15
61	Glass-like recovery of antiferromagnetic spin ordering in a photo-excited manganite Pr0.7Ca0.3MnO3. Scientific Reports, 2015, 4, 4050.	3.3	15
62	Selective interlayer ferromagnetic coupling between the Cu spins in YBa2Cu3O7â˜'x grown on top of La0.7Ca0.3MnO3. Scientific Reports, 2015, 5, 16690.	3.3	13
63	Nonlinear Ultrafast Spin Scattering in the Skyrmion Phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2017, 119, 107204.	7.8	13
64	Coupled valence carrier and core-exciton dynamics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">WS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> probed by few-femtosecond extreme ultraviolet transient absorption spectroscopy. Physical Review B, 2021, 104, .	3.2	13
65	Observation of a three-dimensional quasi-long-range electronic supermodulation in YBa2Cu3O7â˜'x/La0.7Ca0.3MnO3 heterostructures. Nature Communications, 2016, 7, 10852.	12.8	12
66	Extreme ultraviolet resonant inelastic X-ray scattering (RIXS) at a seeded free-electron laser. Scientific Reports, 2016, 6, 38796.	3.3	12
67	High temperature singlet-based magnetism from Hundâ€™s rule correlations. Nature Communications, 2019, 10, 644.	12.8	12
68	Measurement of the spectral line shapes for orbital excitations in the Mott insulator CoO using high-resolution resonant inelastic x-ray scattering. Physical Review B, 2013, 88, .	3.2	11
69	Persistence of magnetic order in a highly excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Cu</mml:mi><mml:mrow><mml:mn>2 state in CuO. Physical Review B, 2014, 89, .	3.2	11
70	Experimental signatures of phase interference and subfemtosecond time dynamics on the incident energy axis of resonant inelastic x-ray scattering. Physical Review B, 2015, 91, .	3.2	11
71	Ultrafast dynamics of localized magnetic moments in the unconventional Mott insulator Sr₂IrO₄. Journal of Physics Condensed Matter, 2016, 28, 32LT01.	1.8	11
72	Electronic superlattice revealed by resonant scattering from random impurities in Sr3Ru2O7. Scientific Reports, 2013, 3, 2299.	3.3	10

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73	Ultrafast x-ray and optical signatures of phase competition and separation underlying the photoinduced metallic phase inPr1â^'xCaxMnO3. Physical Review B, 2015, 92, .	3.2	10
74	Spectroscopic characterization of electronic structures of ultra-thin single crystal La0.7Sr0.3MnO3. Scientific Reports, 2021, 11, 5250.	3.3	10
75	A design of resonant inelastic X-ray scattering (RIXS) spectrometer for spatial- and time-resolved spectroscopy. Journal of Synchrotron Radiation, 2020, 27, 695-707.	2.4	10
76	Restricting lignin and enhancing sugar deposition in secondary cell walls enhances monomeric sugar release after low temperature ionic liquid pretreatment. Biotechnology for Biofuels, 2015, 8, 95.	6.2	9
77	Revealing the Size-Dependent dâ€"d Excitations of Cobalt Nanoparticles Using Soft X-ray Spectroscopy. Journal of Physical Chemistry Letters, 2017, 8, 319-325.	4.6	9
78	Dispersion relation of charge gap excitations in quasi-1D Mott insulators studied by resonant X-ray scattering. Journal of Physics and Chemistry of Solids, 2005, 66, 2212-2215.	4.0	8
79	Design of an elliptically bent refocus mirror for the MERLIN beamline at the advanced light source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 135-137.	1.6	8
80	Resonant Inelastic X-ray Scattering Spectroscopy at MERLIN Beamline at the Advanced Light Source. Synchrotron Radiation News, 2012, 25, 23-28.	0.8	8
81	The unconventional doping in YBa2Cu3O7â^'<i>x</i>/La0.7Ca0.3MnO3 heterostructures by termination control. Applied Physics Letters, 2017, 110, .	3.3	8
82	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
83	Controlled Experiments and Optimized Theory of Absorption Spectra of Li Metal and Salts. ACS Applied Materials & Interfaces, 2021, 13, 45488-45495.	8.0	8
84	MERLIN â€" A meV Resolution Beamline at the ALS. AIP Conference Proceedings, 2007, , .	0.4	7
85	Prominent role of oxygen in the multiferroicity ofDyMnO3andTbMnO3: A resonant soft x-ray scattering spectroscopy study. Physical Review B, 2016, 94, .	3.2	7
86	Charge transfer excitations in VUV and soft X-ray resonant scattering spectroscopies. Journal of Electron Spectroscopy and Related Phenomena, 2017, 220, 121-124.	1.7	7
87	Resonant inelastic x-ray scattering study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">	3.2	7
88	Disparate Exciton-Phonon Couplings for Zone-Center and Boundary Phonons in Solid-State Graphite. Physical Review Letters, 2020, 125, 116401.	7.8	7
89	Mott localization in the van der Waals crystal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CrI</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> : A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>GGA</mml:mi><mml:mo>+</mml:mo><mml:mi>DMFT</mml:mi></m study. Physical Review B, 2020, 102, .	3.2	7
90	Could Irradiation Introduce Oxidized Oxygen Signals in Resonant Inelastic X-ray Scattering of Battery Electrodes?. Journal of Physical Chemistry Letters, 2021, 12, 1138-1143.	4.6	7

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91	Two-dimensional electron systems in perovskite oxide heterostructures: Role of the polarity-induced substitutional defects. Physical Review Materials, 2020, 4, .	2.4	7
92	Correlated Charge Excitations in Quasi-Low-Dimensional Mott Insulators. International Journal of Modern Physics B, 2003, 17, 3519-3524.	2.0	6
93	Scattering bottleneck for spin dynamics in metallic helical antiferromagnetic dysprosium. Physical Review B, 2015, 92, .	3.2	6
94	Electronic structure of rhombohedral CrX3 (X=Br,ÂCl,ÂI) van der Waals crystals. Physical Review B, 2021, 103, .	3.2	6
95	Time-resolved RIXS experiment with pulse-by-pulse parallel readout data collection using X-ray free electron laser. Scientific Reports, 2020, 10, 22226.	3.3	6
96	ARPES studies of c-axis intracell coupling in Bi2Sr2CaCu2O8+Î´. Journal of Physics and Chemistry of Solids, 2002, 63, 2299-2304.	4.0	5
97	QianetÂal.Reply:. Physical Review Letters, 2008, 101, .	7.8	5
98	Irreversible proliferation of magnetic moments at cleaved surfaces of the topological Kondo insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SmB</mml:mi><mml:mn>6</mml:mn></mml:msub></mm Physical Review B, 2017, 95, .	3.2	5
99	Photon-counting MCP/Timepix detectors for soft X-ray imaging and spectroscopic applications. Journal of Synchrotron Radiation, 2021, 28, 1069-1080.	2.4	5
100	Interface Carriers and Enhanced Electronâ€Phonon Coupling Effect in Al₂O₃/TiO₂ Heterostructure Revealed by Resonant Inelastic Soft Xâ€Ray Scattering. Advanced Functional Materials, 2021, 31, 2104430.	14.9	5
101	Robust Surface States and Coherence Phenomena in Magnetically Alloyed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SmB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn> Physical Review Letters, 2021, 126, 136401.	7.8	4
102	Realization of Electron Antidoping by Modulating the Breathing Distortion in BaBiO₃. Nano Letters, 2021, 21, 3981-3988.	9.1	4
103	Particle-Hole Pair Excitations in a Quasi-Zero-Dimensional Mott Insulator. International Journal of Modern Physics B, 2003, 17, 3513-3518.	2.0	3
104	Low-lying electronic structure of triangular cobaltite. Journal of Physics and Chemistry of Solids, 2006, 67, 235-238.	4.0	3
105	Interplay between intrinsic and stacking-fault magnetic domains in bi-layered manganites. Applied Physics Letters, 2012, 101, 132402.	3.3	3
106	Nonmonotonic Fermi surface evolution and its correlation with stripe ordering in bilayer manganites. Physical Review B, 2012, 86, .	3.2	3
107	Upgrade of the beamline 10.0.1 at the advanced light source. Proceedings of SPIE, 2012, , .	0.8	3
108	The key energy scales of Gd-based metallofullerene determined by resonant inelastic x-ray scattering spectroscopy. Scientific Reports, 2017, 7, 8125.	3.3	3

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109	Polaronic effect in the x-ray absorption spectra of La_{1â^'x}Ca_xMnO₃ manganites. Journal of Physics Condensed Matter, 2019, 31, 195601.	1.8	3
110	Evolution of superconductivity in K _{2â^'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
111	Decoupling spin-orbital correlations in a layered manganite amidst ultrafast hybridized charge-transfer band excitation. Physical Review B, 2020, 101, .	3.2	3
112	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
113	A RE-EXAMINATION OF THE ELECTRONIC STRUCTURE AND FERMI SURFACE OF BSCCO. International Journal of Modern Physics B, 1999, 13, 3597-3600.	2.0	2
114	Fermi surface topology of Bi2Sr2CaCu2O8+Î´ at hv = 33eV. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2079-2082.	1.2	2
115	Direct Spectroscopic Evidence of Holons in a Quantum Antiferromagnetic Spin-1/2 Chain. International Journal of Modern Physics B, 2003, 17, 3479-3483.	2.0	2
116	Enhanced orbital anisotropy through the proximity to a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrTi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> layer in the perovskite iridate superlattices. Physical Review B, 2021, 104, .	3.2	2
117	Presence of Delocalized Ti 3d Electrons in Ultrathin Single-Crystal SrTiO₃. Nano Letters, 2022, 22, 1580-1586.	9.1	2
118	Electronic excitations of Î±â^'Fe2O3 heteroepitaxial films measured by resonant inelastic x-ray scattering at the Fe L edge. Physical Review B, 2022, 105, .	3.2	2
119	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
120	Probing the polar-nonpolar oxide interfaces using resonant x-ray standing wave techniques. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 010804.	2.1	1
121	ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY (ARPES) OF Na0.7CoO2. International Journal of Modern Physics B, 2005, 19, 345-351.	2.0	0
122	Resonant soft x-ray scattering endstation for time-resolved pump-probe measurements at LCLS. Proceedings of SPIE, 2012, , .	0.8	0
123	Publisher's Note: Persistence of magnetic order in a highly excitedCu2+state in CuO [Phys. Rev. B89, 220401(R) (2014)]. Physical Review B, 2014, 90, .	3.2	0
124	High-resolution resonant inelastic extreme ultraviolet scattering from orbital and spin excitations in a Heisenberg antiferromagnet. Physical Review B, 2017, 96, .	3.2	0
125	Direct observation of spin-orbit-induced 3d hybridization via resonant inelastic extreme ultraviolet scattering on an edge-sharing cuprate. Physical Review B, 2019, 99, .	3.2	0
126	The magnetic order in multiferroic DyMnO3. Journal of Electron Spectroscopy and Related Phenomena, 2021, 246, 147013.	1.7	0

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127	Ultrafast Mid-infrared Spectroscopy of the Charge- and Spin-Ordered Nickelate La1.75Sr0.25NiO4. EPJ Web of Conferences, 2013, 41, 03016.	0.3	0
128	Operando Soft X-ray Spectroscopy Probing Chemical Transformation in Space and Time. Microscopy and Microanalysis, 2021, 27, 61-62.	0.4	0