

Liu Hao Tjeng

List of Publications by Year in descending order

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300
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15,657
citations

15504

65
h-index

21540

114
g-index

312
all docs

312
docs citations

312
times ranked

13852
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure of Cu ₂ O and CuO. Physical Review B, 1988, 38, 11322-11330.	3.2	1,484
2	Spin State Transition in LaCoO ₃ Studied Using Soft X-ray Absorption Spectroscopy and Magnetic Circular Dichroism. Physical Review Letters, 2006, 97, 176405.	7.8	471
3	Electronic structure of Ag ₂ O. Physical Review B, 1990, 41, 3190-3199.	3.2	344
4	Orbital-Assisted Metal-Insulator Transition in VO ₂ . Physical Review Letters, 2005, 95, 196404.	7.8	335
5	Electronic structure and spin-state transition of LaCoO ₃ . Physical Review B, 1993, 47, 16124-16130.	3.2	331
6	Out-of-plane orbital characters of intrinsic and doped holes in La _{2-x} Sr _x CuO ₄ . Physical Review Letters, 1992, 68, 2543-2546.	7.8	325
7	Microscopic Origin of the Giant Ferroelectric Polarization in Tetragonal-like BiFeO_3 . Physical Review Letters, 2011, 107, 147602.	7.8	290
8	Cluster-model calculation of the electronic structure of CuO: A model material for the high-Tc superconductors. Physical Review B, 1990, 41, 288-299.	3.2	288
9	Transfer of Spectral Weight and Symmetry across the Metal-Insulator Transition in VO ₂ . Physical Review Letters, 2006, 97, 116402.	7.8	271
10	Temperature and thickness dependence of magnetic moments in NiO epitaxial films. Physical Review B, 1998, 57, 11623-11631.	3.2	254
11	Electronic states and phases of KxC ₆₀ from photoemission and X-ray absorption spectroscopy. Nature, 1991, 352, 603-605.	27.8	247
12	X-ray magnetic dichroism of antiferromagnet Fe ₂ O ₃ : The orientation of magnetic moments observed by Fe 2p x-ray absorption spectroscopy. Physical Review Letters, 1993, 70, 1549-1552.	7.8	223
13	Exchange Splitting and Charge Carrier Spin Polarization in EuO. Physical Review Letters, 2002, 88, 047201.	7.8	206
14	Strong Spin-Orbit Coupling Effects on the Fermi Surface of Sr_2RuO_4 . Physical Review Letters, 2008, 101, 026406.	7.8	201
15	Direct observation of electron doping in La _{0.7} Ce _{0.3} MnO ₃ using x-ray absorption spectroscopy. Physical Review B, 2003, 67, .	3.2	186
16	Spin and orbital occupation and phase transitions in V ₂ O ₃ . Physical Review B, 2000, 61, 11506-11509.	3.2	183
17	Spin-Orbit Coupling in the Mott Insulator Ca ₂ RuO ₄ . Physical Review Letters, 2001, 87, 077202.	7.8	171
18	Different Look at the Spin State of Co ³⁺ Ions in a CoO ₅ Pyramidal Coordination. Physical Review Letters, 2004, 92, 207402.	7.8	170

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19	Electronic structure and magnetic properties of LaMnO_3 studied by angle-resolved photoelectron spectroscopy. Physical Review Letters, 2005, 95, 187205.	3.2	167
20	Controlling Orbital Moment and Spin Orientation in CoO Layers by Strain. Physical Review Letters, 2005, 95, 187205.	7.8	165
21	Asymmetric Orbital-Lattice Interactions in Ultrathin Correlated Oxide Films. Physical Review Letters, 2011, 107, 116805.	7.8	158
22	Spin Blockade, Orbital Occupation, and Charge Ordering in SrLaMnO_3 . Physical Review Letters, 2009, 102, 116401.	7.8	150
23	Nature of Magnetism in $\text{Ca}_3\text{Co}_2\text{O}_6$. Physical Review Letters, 2005, 95, 186401.	7.8	137
24	Strongly reduced band gap in a correlated insulator in close proximity to a metal. Europhysics Letters, 1997, 40, 177-182.	2.0	132
25	Resonant photoemission study of the electronic structure of CuO and Cu ₂ O. Physical Review B, 1990, 42, 2268-2274.	3.2	127
26	Temperature dependence of the Kondo resonance in YbAl_3 . Physical Review Letters, 1993, 71, 1419-1422.	7.8	121
27	Voltage- and time-dependent valence state transition in cobalt oxide catalysts during the oxygen evolution reaction. Nature Communications, 2020, 11, 1984.	12.8	120
28	Giant Cu 2p resonances in CuO valence-band photoemission. Physical Review Letters, 1991, 67, 501-504.	7.8	119
29	Ising Magnetism and Ferroelectricity in $\text{Ca}_3\text{CoMnO}_6$. Physical Review Letters, 2009, 102, 026404.	7.8	117
30	A Complete High-to-Low spin state Transition of Trivalent Cobalt Ion in Octahedral Symmetry in $\text{SrCo}_{0.5}\text{Ru}_{0.5}\text{O}_{3-\delta}$. Journal of the American Chemical Society, 2014, 136, 1514-1519.	13.7	117
31	Hybridization gap and Fano resonance in SmB_6 . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4798-4802.	7.1	111
32	Antiferromagnetic correlations in the metallic strongly correlated transition metal oxide LaNiO_3 . Nature Communications, 2018, 9, 43.	12.8	110
33	Electronic structure of MgO studied by angle-resolved ultraviolet photoelectron spectroscopy. Surface Science, 1990, 235, 269-279.	1.9	105
34	Structure and Absence of Ferroelectricity in SmFeO_3 . Physical Review Letters, 2014, 113, 217203.	7.8	105
35	Charge transfer and doping-dependent hybridization of C60 on noble metals. Physical Review B, 1998, 57, 11939-11942.	3.2	104
36	Single-particle gap above the Verwey transition in Fe_3O_4 . Physical Review B, 1997, 55, 12813-12817.	3.2	103

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37	Valence, spin, and orbital state of Co ions in one-dimensional $\text{Ca}_3\text{Co}_2\text{O}_6$: An x-ray absorption and magnetic circular dichroism study. <i>Physical Review B</i> , 2006, 74, .	3.2	103
38	Orthorhombic BiFeO_3 . <i>Physical Review Letters</i> , 2012, 109, 247606.	7.8	100
39	Heteroepitaxy of Fe_3O_4 /Muscovite: A New Perspective for Flexible Spintronics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33794-33801.	8.0	99
40	Development of the electronic structure in a K-doped C_{60} monolayer on a $\text{Ag}(1\ 1\ 1)$ surface. <i>Solid State Communications</i> , 1997, 103, 31-35.	1.9	93
41	Electronic and magnetic properties of the bagome systems YBaCo_4 . <i>Physical Review B</i> , 2009, 80, .	3.2	92
42	Single-domain multiferroic BiFeO_3 films. <i>Nature Communications</i> , 2016, 7, 12712.	12.8	92
43	Photoemission evidence of electronic stabilization of polar surfaces in K_3C_{60} . <i>Physical Review B</i> , 2000, 62, 16046-16055.	3.2	90
44	Magnetic versus crystal-field linear dichroism in NiO thin films. <i>Physical Review B</i> , 2004, 69, .	3.2	89
45	Intrinsic conduction through topological surface states of insulating Bi_2Te_3 epitaxial thin films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14979-14984.	7.1	88
46	Photoemission and x-ray-absorption study of misfit-layered (Bi,Pb)-Sr-Co-O compounds: Electronic structure of a hole-doped Co-O triangular lattice. <i>Physical Review B</i> , 2001, 64, .	3.2	86
47	X-ray absorption and x-ray magnetic dichroism study on Ca_3 . <i>Physical Review B</i> , 2008, 77, .	3.2	86
48	Magnetic structure of Fe/Cr/Fe trilayers. <i>Physical Review B</i> , 1993, 48, 4144-4147.	3.2	85
49	Nonresonant Inelastic X-Ray Scattering Involving Excitonic Excitations: The Examples of NiO and CoO . <i>Physical Review Letters</i> , 2007, 99, 257401.	7.8	84
50	SYNCHROTRON RADIATION AND LOW ENERGY ELECTRON DIFFRACTION STUDIES OF ULTRATHIN C_{60} FILMS DEPOSITED ON $\text{Cu}(100)$, $\text{Cu}(111)$ AND $\text{Cu}(110)$. <i>International Journal of Modern Physics B</i> , 1992, 06, 3909-3913.	2.0	82
51	Comparative soft-x-ray resonant-photoemission study on $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$, CuO , and Cu_2O . <i>Physical Review B</i> , 1992, 45, 8205-8208.	3.2	82
52	Spin-Resolved Photoemission on Anti-Ferromagnets: Direct Observation of Zhang-Rice Singlets in CuO . <i>Physical Review Letters</i> , 1997, 78, 1126-1129.	7.8	82
53	Ultrahigh-performance tungsten-doped perovskites for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9854-9859.	10.3	82
54	Valence states and metamagnetic phase transition in partially B -site-disordered perovskite $\text{Eu}_{1-x}\text{Mn}_x\text{MnO}_3$. <i>Physical Review B</i> , 2008, 77, .	3.2	79

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73	Crystal-field ground state of the orthorhombic Kondo insulator CeRu ₂ Al ₃ . Physical Review B, 2012, 86, .	3.2	61
74	Magnetic X-Ray Dichroism Study of the Nearest-Neighbor Spin-Spin Correlation Function and Long-Range Magnetic Order Parameter in Antiferromagnetic NiO. Europhysics Letters, 1995, 32, 259-265.	2.0	59
75	Spin-resolved photoemission studies of epitaxial Fe ₃ O ₄ (100) thin films. Journal of Magnetism and Magnetic Materials, 2002, 239, 261-265.	2.3	59
76	Spectroscopy of Stripe Order in La _{1.8} Sr _{0.2} NiO ₄ Using Resonant Soft X-Ray Diffraction. Physical Review Letters, 2005, 95, 156402.	7.8	59
77	X-ray absorption study of layered Co oxides with a Co-O triangular lattice. Physical Review B, 2005, 71, .	3.2	57
78	Three Oxidation States of Manganese in the Barium Hexaferrite BaFe ₁₂ Mn ₂ O ₁₉ . Inorganic Chemistry, 2017, 56, 3861-3866.	4.0	57
79	Core-level x-ray photoemission on NiO in the impurity limit. Physical Review B, 2000, 61, 13403-13409.	3.2	55
80	Determining the Crystal-Field Ground State in Rare Earth Heavy Fermion Materials Using Soft-X-Ray Absorption Spectroscopy. Physical Review Letters, 2008, 100, 066405.	7.8	55
81	Dirac Mott insulator with ferromagnetism near 100 K. Physical Review B, 2016, 94, .	3.2	55
82	Magnetic circularly polarized 2p resonant photoemission of nickel. Physical Review B, 1993, 48, 13378-13382.	3.2	54
83	Orbitally Driven Spin-Singlet Dimerization in S=1 La ₄ Ru ₂ O ₁₀ . Physical Review Letters, 2006, 96, 256402.	7.8	54
84	Impact of interface orientation on magnetic coupling in highly ordered systems: A case study of the low-indexed Fe ₃ O ₄ /NiO interfaces. Physical Review B, 2008, 78, .	3.2	54
85	From antiferromagnetic insulator to correlated metal in pressurized and doped LaMnPO. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1815-9.	7.1	53
86	Fe ₃ O ₄ thin films: controlling and manipulating an elusive quantum material. Npj Quantum Materials, 2016, 1, .	5.2	51
87	Additional energy scale in SmB ₆ at low-temperature. Nature Communications, 2016, 7, 13762.	12.8	50
88	Insight into the Role of Metal-Oxygen Bond and O 2p Hole in High-Voltage Cathode LiNi ₂ Mn ₂ O ₄ . Journal of Physical Chemistry C, 2017, 121, 16079-16087.	3.1	50
89	Relationship between atomic and electronic structure of clean and oxygen covered copper (110) surface. Surface Science, 1990, 233, 163-183.	1.9	49
90	Local Electronic and Magnetic Structure of Ni below and above T _C : A Spin-Resolved Circularly Polarized Resonant Photoemission Study. Physical Review Letters, 1997, 79, 3510-3513.	7.8	49

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91	Ordering, symmetry, and magnetic anisotropy in multiferroic MnWO_4 antiferromagnetic. Physical Review B, 2019, 100, .	3.2	49
92	Spin-orbit coupling and crystal-field distortions for a low-spin state in BaCoO_3 . Physical Review B, 2019, 100, .	3.2	49
93	Magnetic moments in a gadolinium iron garnet studied by soft-X-ray magnetic circular dichroism. Journal of Magnetism and Magnetic Materials, 1992, 109, 109-112.	2.3	48
94	Local orbital occupation and energy levels of Co in NaMn_3O_7 . A soft x-ray absorption study. Physical Review B, 2010, 81, .	3.2	48
95	Spin-state order/disorder and metal-insulator transition in $\text{GdBaCo}_2\text{O}_{5.5}$: experimental determination of the underlying electronic structure. New Journal of Physics, 2012, 14, 123025.	2.9	48
96	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of $\text{Sr}_2\text{B}_6\text{O}_{10}$ ($\text{B} = \text{Y, In, Sc}$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 197-205.	1.2	47
97	Jahn-Teller distortion driven magnetic polarons in magnetite. Nature Communications, 2017, 8, 15929.	12.8	47
98	Spectroscopic determination of crystal-field levels in CeRhSi_2 and CeRu_2 . Physical Review B, 2015, 91, 040407.	3.2	46
99	An unusual high-spin ground state of Co^{3+} in octahedral coordination in brownmillerite-type cobalt oxide. Dalton Transactions, 2015, 44, 10708-10713.	3.3	46
100	Epitaxy, stoichiometry, and magnetic properties of Gd-doped EuO films on YSZ (001). Physical Review B, 2009, 80, .	3.2	45
101	Strong enhancement of spin ordering by A^{2+} -site magnetic ions in the ferrimagnet $\text{Ca}_2\text{Co}_2\text{O}_7$. Physical Review B, 2010, 81, 040407.	3.2	44
102	Coupled valence and spin state transition in PrTiO_3 . Physical Review B, 2010, 81, 040407.	3.2	42
103	Phase transition in LiVO_2 studied by near-edge x-ray-absorption spectroscopy. Physical Review B, 1997, 55, 15500-15505.	3.2	41
104	Changes in the electronic structure of Ti_4O_7 across the semiconductor-semiconductor-metal transitions. Physical Review B, 1995, 51, 10150-10153.	3.2	40
105	Complex strain evolution of polar and magnetic order in multiferroic BiFeO_3 thin films. Nature Communications, 2018, 9, 3764.	12.8	40
106	Growth and properties of strained VO_x thin films with controlled stoichiometry. Physical Review B, 2004, 69, .	3.2	39
107	Spin-state-driven metal-insulator transition in $(\text{La,Sr})\text{CoO}_3$ under high-pressure. Physical Review B, 2007, 75, .	3.2	39
108	Oxyhalides: A new class of high- T_C multiferroic materials. Science Advances, 2016, 2, e1600353.	10.3	39

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109	Detection of Zhang-Rice Singlets Using Spin-Polarized Photoemission. Physical Review Letters, 2001, 87, 237003.	7.8	38
110	Determining the In-Plane Orientation of the Ground-State Orbital of CeCu_2Si_2 . Physical Review Letters, 2012, 109, 046401.	7.8	38
111	Protective capping of topological surface states of intrinsically insulating Bi_2Te_3 . AIP Advances, 2015, 5, .	1.3	38
112	3dspin-orbit photoemission spectrum of nonferromagnetic materials: The test cases of CoO and Cu. Physical Review B, 2002, 66, .	3.2	37
113	Spectroscopic evidence for exceptionally high orbital moment induced by local distortions in CoV_2O_6 . Physical Review B, 2017, 96, .	3.2	37
114	Crystal Field Ground State of the Strongly Correlated Topological Insulator SmB_6 . Physical Review B, 2017, 96, .	7.8	37
115	Electronically highly cubic conditions for RuCl_3 . Physical Review B, 2017, 96, .	3.2	36
116	Crystal-Field Level Inversion in Lightly Mn-Doped SrRu_3O_7 . Physical Review Letters, 2008, 101, 016404.	7.8	35
117	Crystal field ground state of the orthorhombic Kondo semiconductors $\text{CeOs}_2\text{Al}_{10}$ and $\text{CeFe}_2\text{Al}_{10}$. Physical Review B, 2013, 87, .	3.2	34
118	Electronic and spin states of SrRuO_3 films: An x-ray magnetic circular dichroism study. Physical Review B, 2015, 91, .	3.2	33
119	Polarization dependent hard X-ray photoemission experiments for solids: Efficiency and limits for unraveling the orbital character of the valence band. Journal of Electron Spectroscopy and Related Phenomena, 2015, 198, 6-11.	1.7	33
120	Deciphering the Interface of a High Voltage (5 V) Li-Ion Battery Containing Additive-Assisted Sulfolane-Based Electrolyte. Small Methods, 2019, 3, 1900546.	8.6	33
121	CeRu_4Sn_6 : a strongly correlated material with nontrivial topology. Scientific Reports, 2016, 5, 17937.	3.3	32
122	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be_5Pt . Angewandte Chemie - International Edition, 2019, 58, 15928-15933.	13.8	32
123	Electronic structure and evolution of the orbital state in metallic $\text{Ca}_2\text{xSr}_x\text{RuO}_4$. Physical Review B, 2005, 72, .	3.2	30
124	Image charge screening: A new approach to enhance magnetic ordering temperatures in ultrathin correlated oxide films. Physical Review B, 2009, 79, .	3.2	30
125	Disorder-driven electronic localization and phase separation in superconducting $\text{Fe}_1\text{Co}_{1-x}\text{Ru}_x\text{O}_2$. Physical Review B, 2010, 82, .	3.2	30
126	Magnetic properties and crystal structure of $\text{Sr}_6\text{Co}_2\text{Ru}_2\text{O}_{14}$ and $\text{Sr}_6\text{Co}_2\text{Ru}_2\text{O}_{14}$. Physical Review B, 2010, 82, .	3.2	30

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127	Crossing the Gap from p- to n-Type Doping: Nature of the States near the Chemical Potential in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$. Physical Review Letters, 2003, 90, 247005.	7.8	29
128	Insulating state and the importance of the spin-orbit coupling in $\text{Ca}_3\text{CoRhO}_6$. Physical Review B, 2007, 75, .	3.2	29
129	Local electronic structure of Fe in MgO thin films: Temperature-dependent soft x-ray absorption spectroscopy study. Physical Review B, 2010, 82, .	3.2	29
130	Oxygen off-stoichiometry and phase separation in EuO thin films. Physical Review B, 2011, 84, .	3.2	29
131	Direct bulk-sensitive probe of f symmetry in URu_2Si_2 . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13989-13994.	7.1	29
132	Orbital order in LaSrMnO_4 . Physical Review Letters, 2006, 96, 13989-13994.	3.2	28
133	BCS-like Density of States in Superconducting $\text{A}_3\text{C}_6\text{O}$ Surfaces. Physical Review Letters, 2000, 85, 1970-1973.	7.8	27
134	Determination of the Co Valence in Bilayer Hydrated Superconducting $\text{Na}_x\text{CoO}_2\text{H}_2\text{O}$ by Soft X-Ray Absorption Spectroscopy. Physical Review Letters, 2009, 102, 13989-13994.	7.8	27
135	Dynamic Atomic Reconstruction of FeO Films Evade Polar Catastrophe for Epitaxy. Physical Review X, 2016, 6, .	8.9	27
136	Crystal-field ground state of the noncentrosymmetric superconductor CePt_3Si : A combined polarized soft x-ray absorption and polarized neutron study. Physical Review B, 2009, 80, .	3.2	26
137	Absence of orbital rotation in superconducting O_4 . Physical Review B, 2015, 91, .	3.2	26
138	Ternary Phase Diagram-Facilitated Rapid Screening of Double Perovskites As Electrocatalysts for the Oxygen Evolution Reaction. Chemistry of Materials, 2019, 31, 5919-5926.	6.7	26
140	Soft x-ray magnetic circular dichroism: a probe for studying paramagnetic bioinorganic systems.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9664-9667.	7.1	25
141	Charge fluctuations and image potential at oxide-metal interfaces. Physical Review B, 2002, 66, .	3.2	25
142	Relation between the Co-O bond lengths and the spin state of Co in layered Cobaltates: a high-pressure study. Scientific Reports, 2017, 7, 3656.	3.3	25
143	From antiferromagnetic and hidden order to Pauli paramagnetism in URu_2Si_2 compounds with f electron duality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30220-30227.	7.1	25
144	Anomalous spin polarization and dualistic electronic nature of CrO_2 . Physical Review B, 2003, 67, .	3.2	24

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145	Epitaxial europium oxide on Ni(100) with single-crystal quality. Physical Review B, 2011, 83, . Correlation effects in CaCu \times single-crystal thin films. Journal of Magnetism and Magnetic Materials, 1993, 127, 109-114.	3.2	24
146	Bulk and surface electronic properties of SmB \times A hard x-ray photoelectron spectroscopy study. Physical Review B, 2017, 96, .	3.2	24
147	Mn \times TeO \times - a new multiferroic material with two magnetic substructures. Physica Status Solidi - Rapid Research Letters, 2015, 9, 730-734.	2.4	22
148	Symmetry of Orbital Order in Fe \times Studied by X-Ray Diffraction. Physical Review Letters, 2012, 108, 227203.	7.8	21
149	Photoemission and inverse photoemission studies on actinide materials—does any model work?. Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 57-62.	1.7	20
150	Strong orbital polarization in orthorhombic DyMnO \times A combined x-ray linear dichroism and ab initio electronic structure study. Physical Review B, 2011, 83, 200101.	3.2	20
151	Surface and electronic structure of SmB through scanning tunneling microscopy. Philosophical Magazine, 2016, 96, 3262-3273.	1.6	20
152	Challenges from experiment: electronic structure of NiO. European Physical Journal: Special Topics, 2017, 226, 2445-2456.	2.6	20
153	Electronic structure of R \times Sn(R=Sc, Ce, Gd, Er, and Lu) investigated with x-ray photoelectron spectroscopy and band structure calculations. Physical Review B, 2008, 77, .	3.2	19
154	Ba \times V \times S \times O \times : A Mott Insulating Frustrated Quasi-One-Dimensional S=1 Magnet. Chemistry - A European Journal, 2015, 21, 7938-7943.	3.3	19
155	Synthesis and Characterization of Ba[CoSO]: Magnetic Complexity in the Presence of Chalcogen Ordering. Chemistry - A European Journal, 2015, 21, 10821-10828.	3.3	19
156	The role of nonmagnetic d0 vs. d10 B-type cations on the magnetic exchange interactions in osmium double perovskites. Journal of Solid State Chemistry, 2016, 243, 119-123.	2.9	19
157	Comparative Study of Potentially J \times = 0 Ground State Iridium(V) in SrLaNi \times , SrLaMg \times , and SrLaZn \times . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2095-2101.	1.2	19
158	-Axis Dimer and Its Electronic Breakup: The Insulator-to-Metal Transition in Ti \times Physical Review X, 2018, 8, 011047.	8.9	19
159	Valence band hard x-ray photoelectron spectroscopy on transition-metal oxides containing rare-earth elements. Physical Review B, 2019, 99, .	4.2	19

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163	Topological insulator interfaced with ferromagnetic insulators: Bi ₂ Te ₃ thin films on magnetite and iron garnets. <i>Physical Review Materials</i> , 2020, 4, .	2.4	19
164	Electronic structure of $\text{SrPt}_4\text{S}_{18}$ Combined photoelectron spectroscopy and band structure study. <i>Physical Review B</i> , 2009, 80, .	4.2	18
165	Structure and properties of $\text{A}^{\pm}\text{-NaFeO}_2$ -type ternary sodium iridates. <i>Journal of Solid State Chemistry</i> , 2014, 210, 195-205.	2.9	18
166	$S = 2$ Spin Ladders in the Sulfide Oxide $\text{BaFe}_2\text{S}_2\text{O}$. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6150-6155.	2.0	18
167	Quantitative study of the <i>f</i> occupation in CeMn ₅ and other cerium compounds with hard X-rays. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 209, 1-8.	1.7	18
168	Long-range interactions in the effective low-energy Hamiltonian of Sr_2IrO_4 : A core-to-core resonant inelastic x-ray scattering study. <i>Physical Review B</i> , 2017, 95, .	3.2	18
169	A New Highly Anisotropic Rh-Based Heusler Compound for Magnetic Recording. <i>Advanced Materials</i> , 2020, 32, 2004331.	21.0	18
170	Tjeng et al. reply. <i>Physical Review Letters</i> , 1994, 72, 1775-1775.	7.8	17
171	Magnetic coupling in highly ordered NiO/Fe ₃ O ₄ (110): Ultrasharp magnetic interfaces vs. long-range magnetoelastic interactions. <i>Europhysics Letters</i> , 2008, 81, 17005.	2.0	17
172	$\text{Sr}_3[\text{Co}(\text{CN})_3]$ and $\text{Ba}_3[\text{Co}(\text{CN})_3]$: Crystal Structure, Chemical Bonding, and Conceptual Considerations of Highly Reduced Metalates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9361-9364.	13.8	17
173	Incommensurate spin correlations in highly oxidized cobaltates $\text{La}_2\text{xSr}_x\text{CoO}_4$. <i>Scientific Reports</i> , 2016, 6, 25117.	3.3	17
174	High-Pressure Synthesis and Ferrimagnetic Ordering of the B-Site-Ordered Cubic Perovskite Pb_2FeOs_6 . <i>Inorganic Chemistry</i> , 2016, 55, 9816-9821.	4.0	17
175	Observation of novel charge ordering and spin reorientation in perovskite oxide PbFeO_3 . <i>Nature Communications</i> , 2021, 12, 1917.	12.8	17
176	Comment on "Resonant Photoemission vs. Coster-Kronig Auger Decay at the L_{III} Thresholds of Ni Metal and CuO ". <i>Europhysics Letters</i> , 1993, 23, 535-537.	2.0	16
177	Comment on "Autoionization Study of Electron Hopping Rates in Solid C_60 ". <i>Physical Review Letters</i> , 1994, 73, 2937-2937.	7.8	16
178	Theoretical description of the Fano effect in the angle-integrated valence-band photoemission of paramagnetic solids. <i>Physical Review B</i> , 2001, 63, .	3.2	16
179	Strain-dependent transport properties of the ultra-thin correlated metal, LaNiO_3 . <i>New Journal of Physics</i> , 2011, 13, 073037.	2.9	16
180	Mott versus Slater-type metal-insulator transition in Mn-substituted $\text{Sr}_3\text{Ru}_2\text{O}_7$. <i>Physical Review B</i> , 2011, 83, 040407.	3.2	16

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181	Structural Transformation with Negative Volume Expansion: Chemical Bonding and Physical Behavior of TiGePt. Chemistry - A European Journal, 2012, 18, 6272-6283. Contiguous $3d$ and f Magnetism: Strongly Correlated $3d$ Electrons in	3.3	16
182	Contiguous $3d$ and f Magnetism: Strongly Correlated $3d$ Electrons in	7.8	16
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