Koji Horiba

List of Publications by Year
in descending order

208 papers	5,092 citations	101384 36 h-index	114278 63 g-index
209 all docs	209 docs citations	209 times ranked	7014 citing authors

#	Article	IF	Citations
1	X-ray absorption analysis of nitrogen contribution to oxygen reduction reaction in carbon alloy cathode catalysts for polymer electrolyte fuel cells. Journal of Power Sources, 2009, 187, 93-97.	4.0	448
2	Highly reliable TaOx ReRAM and direct evidence of redox reaction mechanism. , 2008, , .		241
3	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. Physical Review Letters, 2019, 122, 076402.	2.9	211
4	Natural van der Waals heterostructural single crystals with both magnetic and topological properties. Science Advances, 2019, 5, eaax9989.	4.7	193
5	Nature of the Well Screened State in Hard X-Ray Mn2pCore-Level Photoemission Measurements ofLa1â^'xSrxMnO3Films. Physical Review Letters, 2004, 93, 236401.	2.9	141
6	Metallic Quantum Well States in Artificial Structures of Strongly Correlated Oxide. Science, 2011, 333, 319-322.	6.0	125
7	A high-resolution synchrotron-radiation angle-resolved photoemission spectrometer within situoxide thin film growth capability. Review of Scientific Instruments, 2003, 74, 3406-3412.	0.6	116
8	Hole-doping-induced changes in the electronic structure ofLa1â^'xSrxFeO3: Soft x-ray photoemission and absorption study of epitaxial thin films. Physical Review B, 2005, 71, .	1.1	113
9	Evidence for Suppressed Screening on the Surface of High TemperatureLa2â^'xSrxCuO4andNd2â^'xCexCuO4Superconductors. Physical Review Letters, 2005, 95, 177002.	2.9	100
10	In vacuophotoemission study of atomically controlledLa1â^'xSrxMnO3thin films: Composition dependence of the electronic structure. Physical Review B, 2005, 71, .	1.1	99
11	Recoil effects of photoelectrons in a solid. Physical Review B, 2007, 75, .	1.1	99
12	X-ray photoemission spectroscopy analysis of N-containing carbon-based cathode catalysts for polymer electrolyte fuel cells. Journal of Power Sources, 2011, 196, 1006-1011.	4.0	98
13	Inhomogeneous chemical states in resistance-switching devices with a planar-type Pt/CuO/Pt structure. Applied Physics Letters, 2009, 95, .	1.5	94
14	Observation of Dirac-like energy band and ring-torus Fermi surface associated with the nodal line in topological insulator CaAgAs. Npj Quantum Materials, 2018, 3, .	1.8	93
15	Bulk screening in core-level photoemission from Mott-Hubbard and charge-transfer systems. Physical Review B, 2005, 71, .	1.1	91
16	Development of hard X-ray photoelectron spectroscopy at BL29XU in SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 50-55.	0.7	90
17	Photoemission evidence for a Mott-Hubbard metal-insulator transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>VO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 78, .	1.1	90
18	Coherent and Incoherent Excitations of Electron-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 100, 056401.	2.9	88

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19	Fermi surfaces, electron-hole asymmetry, and correlation kink in a three-dimensional Fermi liquid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaNiO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:r Physical Review B, 2009, 79, .	1.1	87
20	Performance of a Highly Stabilized and High-resolution Beamline BL17SU for Advanced Soft X-ray Spectroscopy at SPring-8. AIP Conference Proceedings, 2007, , .	0.3	74
21	Scanning photoelectron microscope for nanoscale three-dimensional spatial-resolved electron spectroscopy for chemical analysis. Review of Scientific Instruments, 2011, 82, 113701.	0.6	64
22	Electronic Structure and Photoelectrochemical Properties of an Ir-Doped SrTiO₃ Photocatalyst. Journal of Physical Chemistry C, 2014, 118, 20222-20228.	1.5	63
23	Self-Energy on the Low- to High-Energy Electronic Structure of Correlated Metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrVO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 056401.	2.9	62
24	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">Ni</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></	1.1	55
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math>states in LaNiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>ultrathin films induced by dimensional crossover. Physical Review B, 2013, 87, .	1.1	55
26	Three-dimensional band structure of LaSb and CeSb: Absence of band inversion. Physical Review B, 2017, 96, .	1.1	52
27	In situ photoemission characterization of terminating-layer-controlled La0.6Sr0.4MnO3 thin films. Applied Physics Letters, 2003, 82, 3430-3432.	1.5	49
28	Bulk electronic structure ofNa0.35CoO2â‹…1.3H2O. Physical Review B, 2004, 69, .	1.1	49
29	Band alignment at Î²-(AlxGa1â^’x)2O3/Î²-Ga2O3 (100) interface fabricated by pulsed-laser deposition. Applied Physics Letters, 2018, 112, 232103.	1.5	47
30	Hubbard band versus oxygen vacancy states in the correlated electron metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrVO</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review B, 2016, 94, .	1.1	46
31	Surface Kondo effect and non-trivial metallic state of the Kondo insulator YbB12. Nature Communications, 2016, 7, 12690.	5.8	44
32	Electronic structure characterization of La2NiMnO6 epitaxial thin films using synchrotron-radiation photoelectron spectroscopy and optical spectroscopy. Applied Physics Letters, 2009, 94, .	1.5	43
33	Electronic structure of strained(La0.85Ba0.15)MnO3thin films with room-temperature ferromagnetism investigated by hard x-ray photoemission spectroscopy. Physical Review B, 2006, 73, .	1.1	40
34	Spectroscopic Evidence for Competing Reconstructions in Polar Multilayers<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml Physical Review Letters, 2009, 102, 236401.	2.9	40
35	Synthesis and magnetic properties of double-perovskite oxide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:r films. Physical Review B, 2015, 91, .	1.1	39
36	Role of residual transition-metal atoms in oxygen reduction reaction in cobalt phthalocyanine-based carbon cathode catalysts for polymer electrolyte fuel cell. Journal of Power Sources, 2011, 196, 8346-8351.	4.0	38

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37	Charge-density wave and three-dimensional Fermi surface in1Tâ^'TaSe2studied by photoemission spectroscopy. Physical Review B, 2002, 66, .	1.1	37
38	ARPES studies of the inverse perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : Experimental confirmation of a candidate 3D Dirac fermion system. Physical Review B, 2017, 96, .	1.1	36
39	Direct observation of charge transfer region at interfaces in graphene devices. Applied Physics Letters, 2013, 102, .	1.5	33
40	Epitaxial growth and electric properties of Î³-Al₂O₃(110) films on Î²-Ga₂O₃(010) substrates. Japanese Journal of Applied Physics, 2016, 55, 1202B6.	0.8	33
41	Hard X-ray core-level photoemission of V 2 O 3. Europhysics Letters, 2004, 68, 557-563.	0.7	32
42	Hard x-ray photoemission study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">Al</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>â^•</mml:mo><mml:mi mathvariant="normal">La</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>multilayers.	1.1	31
43	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi	1.1	30
44	Element Selectivity in Second-Harmonic Generation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>GaFeO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> by a Soft-X-Ray Free-Electron Laser. Physical Review Letters, 2018, 120, 223902.	2.9	29
45	Origin of the Anomalous Mass Renormalization in Metallic Quantum Well States of Strongly Correlated Oxide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrVO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow> Physical Review Letters, 2015, 115, 076801.	2.9	26
46	Electronic Structures and Photoanodic Properties of Ilmenite-type MTiO₃ Epitaxial Films (M = Mn, Fe, Co, Ni). Journal of Physical Chemistry C, 2017, 121, 18717-18724.	1.5	26
47	Fermi surfaces and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>d</mml:mi> hybridization in the diluted magnetic semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn> mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mrow><mml:mo>. Physical Review B, 2015, 92, .	1.1	25
48	Thickness-dependent surface proton conduction in (111) oriented yttria-stabilized zirconia thin film. Solid State Ionics, 2017, 311, 46-51.	1.3	25
49	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrRu</mml:mtext></mml:mrow><mml:mrow><mml:mn> by photoemission and x-ray absorption spectroscopy. Physical Review B, 2010, 81, .	1.1	23
50	Anomalous Duality of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:math>Electrons in Filled Skutterudite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeOs</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Sb</mml:mi><mml:mi> Physical Review Letters, 2009, 102, 036403.	2.9	22
51	Observation of a Dirac nodal line in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>AlB</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2018, 98, .	1.1	22
52	Non-trivial surface states of samarium hexaboride at the (111) surface. Nature Communications, 2019, 10, 2298.	5.8	22
53	A high-resolution angle-resolved photoemission spectrometer combined with laser molecular-beam epitaxy at SPring-8 BL17SU. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1027-1030.	0.8	21
54	Temperature-dependent Eu3dâ^'4fx-ray absorption and resonant photoemission study of the valence transition inEuNi2(Si0.2Ge0.8)2. Physical Review B, 2005, 72, .	1.1	21

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55	Influence of oxygen vacancies on magnetic properties of perpendicularly magnetized NiCo2O4 epitaxial thin films. Journal of Applied Physics, 2020, 127, .	1.1	21
56	Development of a versatile micro-focused angle-resolved photoemission spectroscopy system with Kirkpatrickâ€“Baez mirror optics. Review of Scientific Instruments, 2022, 93, 033906.	0.6	21
57	Anomalous Hall effect at the spontaneously electron-doped polar surface of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>PdCo</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> ultrathin films. Physical Review Research, 2020, 2, .	1.3	20
58	Influence of interface dipole layers on the performance of graphene field effect transistors. Carbon, 2019, 152, 680-687.	5.4	19
59	Electronic structure of configuration vanadium oxides studied by soft X-ray and hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 421-425.	0.8	18
60	Chemical potential shift in organic field-effect transistors identified by soft X-ray operando nano-spectroscopy. Applied Physics Letters, 2015, 106, .	1.5	18
61	Low resistance at LiNi1/3Mn1/3Co1/3O2 and Li3PO4 interfaces. Applied Physics Letters, 2020, 116, .	1.5	18
62	Semimetallic bands derived from interlayer electrons in the quasi-two-dimensional electride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	1.1	17
63	Angle-resolved photoemission spectroscopy of the low-energy electronic structure of superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> driven by oxygen nonstoichiometry. Physical Review B, 2018, 98, .	1.1	17
64	Evidence for bulk nodal loops and universality of Dirac-node arc surface states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>ZrGe</mml:mi><mml:msub><mml:mi>X</mml:mi> (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:	1.1	17
65	Hard X-ray Photoemission Spectroscopy of Temperature-Induced Valence Transition in EuNi2(Si0.20Ge0.80)2. Journal of the Physical Society of Japan, 2004, 73, 2616-2619.	0.7	16
66	Thickness dependent electronic structure of La0.6Sr0.4MnO3 layer in SrTiO3/La0.6Sr0.4MnO3/SrTiO3 heterostructures studied by hard x-ray photoemission spectroscopy. Applied Physics Letters, 2009, 94, .	1.5	16
67	Isotropic Kink and Quasiparticle Excitations in the Three-Dimensional Perovskite Manganite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>0.</mml:mn> Physical Review Letters, 2016, 116, 076401.	2.9	16
68	Bottom-current-collector-free thin-film batteries using LiNi0.8Co0.2O2 epitaxial thin films. Journal of Power Sources, 2019, 416, 56-61.	4.0	16
69	Resonant Photoemission Spectroscopy of the Cathode Material Li_xFePO₄ for Lithium Ion Battery. Journal of Physical Chemistry C, 2011, 115, 25519-25522.	1.5	15
70	Electronic structure of a monoatomic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Si layer on a Si(111) substrate. Physical Review Materials, 2019, 3, .	0.9	15
71	Electronic structure of layered1Tâ^'TaSe2in commensurate charge-density-wave phase studied by angle-resolved photoemission spectroscopy. Physical Review B, 2003, 68, .	1.1	14
72	Interfacial chemistry and structures of ultrathin Si oxynitride films. Applied Surface Science, 2003, 216, 291-295.	3.1	14

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73	Bandwidth-controlled metal-insulator transition in epitaxial PrNiO3 ultrathin films induced by dimensional crossover. Applied Physics Letters, 2014, 104, .	1.5	14
74	Spatial distribution of transferred charges across the heterointerface between perovskite transition metal oxides LaNiO3 and LaMnO3. Applied Physics Letters, 2016, 108, .	1.5	14
75	Emergence of Quantum Critical Behavior in Metallic Quantum-Well States of Strongly Correlated Oxides. Scientific Reports, 2017, 7, 16621.	1.6	14
76	Giant Rashba splitting of quasi-one-dimensional surface states on Bi/InAs(110)- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn><mml:mo>Ã—</mml Physical Review B, 2018, 98, .	1.1	14
77	Microscopic photoelectron analysis of single crystalline LiCoO2 particles during the charge-discharge in an all solid-state lithium ion battery. Scientific Reports, 2019, 9, 12452.	1.6	14
78	Impact of the Crystal Orientation of Positive Electrodes on the Interface Resistance across a Solid Electrolyte and Electrode. ACS Applied Energy Materials, 2020, 3, 6416-6421.	2.5	14
79	Evolution of Electronic States and Emergence of Superconductivity in the Polar Semiconductor GeTe by Doping Valence-Skipping Indium. Physical Review Letters, 2020, 124, 047002.	2.9	14
80	High-density two-dimensional electron system induced by oxygen vacancies in ZnO. Physical Review Materials, 2018, 2, .	0.9	14
81	Electronic structure of semiconductingCeFe4P12: Strong hybridization and relevance of single-impurity Anderson model. Physical Review B, 2008, 77, .	1.1	13
82	Pressure-induced change in the electronic structure of epitaxially strained<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn films. Physical Review B, 2009, 80, .	1.1	13
83	Resonant photoemission spectroscopy of the cathode material LixMn0.5Fe0.5PO4 for lithium-ion battery. Journal of Power Sources, 2013, 226, 42-46.	4.0	13
84	Observation of rebirth of metallic paths during resistance switching of metal nanowire. Applied Physics Letters, 2013, 103, 193114.	1.5	13
85	Tes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>orbitals bring three-dimensional electronic structure to two-dimensional Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.95</mml:mn></mml:mrow></mml:msub></mml:math>Pt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>	1.1	13
86	Pinpoint operando analysis of the electronic states of a graphene transistor using photoelectron nanospectroscopy. Applied Physics Express, 2014, 7, 065101.	1.1	13
87	Microscopically-Tuned Band Structure of Epitaxial Graphene through Interface and Stacking Variations Using Si Substrate Microfabrication. Scientific Reports, 2015, 4, 5173.	1.6	13
88	Electronic structure and oxygen ion conductivity of as-deposited Ce_{0.90}Sm_{0.10}O_{2â^'Î´}thin film prepared by RF magnetron sputtering. Japanese Journal of Applied Physics, 2015, 54, 06FJ04.	0.8	13
89	Determination of band diagram for a p-n junction between Mott insulator LaMnO3 and band insulator Nb:SrTiO3. Applied Physics Letters, 2015, 106, .	1.5	13
90	Large anisotropy in conductivity of Ti2O3 films. APL Materials, 2018, 6, .	2.2	13

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91	Unusual change in the Dirac-cone energy band upon a two-step magnetic transition in CeBi. Physical Review B, 2019, 100, .	1.1	13
92	Observation of inverted band structure in the topological Dirac semimetal candidate CaAuAs. Physical Review B, 2020, 102, .	1.1	13
93	Performance of the high-resolution high-flux monochromator for bending magnet beamline BL-1C at the Photon Factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 573-576.	0.7	12
94	In situ photoemission spectroscopic study on La1â^'xSrxMnO3 thin films grown by combinatorial laser-MBE. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 31-36.	0.8	12
95	Fabrication and Characterization of AlN/InN Heterostructures. Applied Physics Express, 2009, 2, 011002.	1.1	12
96	Determination of the surface and interface phase shifts in metallic quantum well structures of perovskite oxides. Physical Review B, 2013, 88, .	1.1	12
97	Thickness dependence of electronic structures in VO2 ultrathin films: Suppression of the cooperative Mott-Peierls transition. Physical Review B, 2020, 102, .	1.1	12
98	In situ photoemission study of La1â^'xSrxFeO3 epitaxial thin films. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 877-880.	0.8	11
99	Hard X-ray core level photoemission of vanadium oxides. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 841-843.	0.8	11
100	Control of two-dimensional electronic states at anatase <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ti</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mspace width="0.16em" /><mml:mrow><mml:mo>(</mml:mo><mml:mn>001</mml:mn><mml:mo>)</mml:mo></mml:mrow></mml:mrow></mml:math> surface by K adsorption. Physical Review B, 2018, 97, .	1.1	11
101	Relationship between charge redistribution and ferromagnetism at the heterointerface between the perovskite oxides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaNi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaMn</mml:mi><mml:msub><mml:mi	1.1	11
102	A novel probe of intrinsic electronic structure: hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1063-1065.	0.8	10
103	Proton Conduction on YSZ Electrolyte Thin Films Prepared by RF Magnetron Sputtering. ECS Transactions, 2017, 75, 115-120.	0.3	10
104	Magnetic and electronic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi></mml:mrow></mml:math> -site-ordered double-perovskite oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>CrMn</mml:mi><mml:msub><mml:mi	1.1	10
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