youichi Murakami

List of Publications by Year
in descending order

365 papers	12,108 citations	36303 51 h-index	33894 99 g-index
368 all docs	368 docs citations	368 times ranked	10087 citing authors

#	Article	IF	Citations
1	Ferroelectricity from iron valence ordering in the charge-frustrated system LuFe2O4. Nature, 2005, 436, 1136-1138.	27.8	897
2	Giant Rashba-type spin splitting in bulk BiTeI. Nature Materials, 2011, 10, 521-526.	27.5	711
3	Resonant X-Ray Scattering from Orbital Ordering inLaMnO3. Physical Review Letters, 1998, 81, 582-585.	7.8	584
4	Direct Observation of Charge and Orbital Ordering inLa0.5Sr1.5MnO4. Physical Review Letters, 1998, 80, 1932-1935.	7.8	542
5	Three-way switching in a cyanide-bridged [CoFe] chain. Nature Chemistry, 2012, 4, 921-926.	13.6	288
6	Transition between Two Ferromagnetic States Driven by Orbital Ordering inLa0.88Sr0.12MnO3. Physical Review Letters, 1999, 82, 4328-4331.	7.8	257
7	On the mechanism of fatigue failure in the superlong life regime (N>107 cycles). Part 1: influence of hydrogen trapped by inclusions. Fatigue and Fracture of Engineering Materials and Structures, 2000, 23, 893-902.	3.4	248
8	Controlled Intramolecular Electron Transfers in Cyanide-Bridged Molecular Squares by Chemical Modifications and External Stimuli. Journal of the American Chemical Society, 2011, 133, 3592-3600.	13.7	215
9	Interplay between Charge, Orbital, and Magnetic Order inPr1â^'xCaxMnO3. Physical Review Letters, 1999, 83, 4872-4875.	7.8	200
10	Above-room-temperature ferroelectricity and antiferroelectricity in benzimidazoles. Nature Communications, 2012, 3, 1308.	12.8	199
11	Electronic Ferroelectricity in a Molecular Crystal with Large Polarization Directing Antiparallel to Ionic Displacement. Physical Review Letters, 2012, 108, 237601.	7.8	189
12	Programmable spin-state switching in a mixed-valence spin-crossover iron grid. Nature Communications, 2014, 5, 3865.	12.8	178
13	Quantum Hall effect in a bulk antiferromagnet EuMnBi ₂ with magnetically confined two-dimensional Dirac fermions. Science Advances, 2016, 2, e1501117.	10.3	171
14	STATISTICAL ANALYSIS OF DEFECTS FOR FATIGUE STRENGTH PREDICTION AND QUALITY CONTROL OF MATERIALS. Fatigue and Fracture of Engineering Materials and Structures, 1998, 21, 1049-1065.	3.4	160
15	Resistivity of single crystal C60 and effect of oxygen. Solid State Communications, 1992, 84, 827-829.	1.9	159
16	Title is missing!. Extremes, 1999, 2, 123-147.	1.0	157
17	Direct Observation of Antiferroquadrupolar Ordering: Resonant X-Ray Scattering Study ofDyB2C2. Physical Review Letters, 2000, 84, 2706-2709.	7.8	156
18	Terahertz radiation from superconducting YBa2Cu3O7â^'Î´ thin films excited by femtosecond optical pulses. Applied Physics Letters, 1996, 69, 2122-2124.	3.3	145

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19	Improper-Type Ferroelectricity with Off-Center Magnetic Ions in Perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo mathvariant="bold">â^’</mml:mo><mml:mi mathvariant="bold-italic">x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi>Ba</mml:mi><mml:mi>x</mml:mi></mml:msub	7.8	142
20	Physical Review Letters, 2011, 107, 137601. Hydrogen bond-promoted metallic state in a purely organic single-component conductor under pressure. Nature Communications, 2013, 4, 1344.	12.8	139
21	Magnetic-field-induced transition in the lattice modulation of colossal magnetoelectricGdMnO3andTbMnO3compounds. Physical Review B, 2005, 72, .	3.2	127
22	On the mechanism of fatigue failure in the superlong life regime (N>107 cycles). Part II: influence of hydrogen trapped by inclusions. Fatigue and Fracture of Engineering Materials and Structures, 2000, 23, 903-910.	3.4	126
23	Hydrogen-Bond-Dynamics-Based Switching of Conductivity and Magnetism: A Phase Transition Caused by Deuterium and Electron Transfer in a Hydrogen-Bonded Purely Organic Conductor Crystal. Journal of the American Chemical Society, 2014, 136, 12184-12192.	13.7	119
24	Bipartite magnetic parent phases in the iron oxypnictide superconductor. Nature Physics, 2014, 10, 300-303.	16.7	115
25	Antiferro-Quadrupole Ordering of CeB6Studied by Resonant X-Ray Scattering. Journal of the Physical Society of Japan, 2001, 70, 1857-1860.	1.6	109
26	Synchrotron x-ray-diffraction study of orbital ordering inYVO3. Physical Review B, 2000, 62, R9271-R9274.	3.2	105
27	X-ray resonant scattering studies of orbital and charge ordering inPr1â^’xCaxMnO3. Physical Review B, 2001, 64, .	3.2	103
28	Structure characterization and magnetic properties of oxide superlatticesLa0.6Sr0.4MnO3/La0.6Sr0.4FeO3. Physical Review B, 1999, 60, 1211-1215.	3.2	100
29	Exciton Diffusion in Air-Suspended Single-Walled Carbon Nanotubes. Physical Review Letters, 2010, 104, 247402.	7.8	94
30	Polarization-dependent resonant-x-ray diffraction in charge- and orbital-ordering phase ofNd1/2Sr1/2MnO3. Physical Review B, 1999, 60, 2425-2428.	3.2	85
31	Buffer-gas cooling of antiprotonic helium to 1.5 to 1.7 K, and antiproton-toâ€“electron mass ratio. Science, 2016, 354, 610-614.	12.6	85
32	Charge-cluster glass in an organic conductor. Nature Physics, 2013, 9, 419-422.	16.7	81
33	Simultaneous Active and Reactive Power Control of Superconducting Magnet Energy Storage Using GTO Converter. IEEE Transactions on Power Delivery, 1986, 1, 143-150.	4.3	79
34	Magnetism of C60 induced by photo-assisted oxidation. Pure and Applied Chemistry, 1996, 68, 1463-1467.	1.9	78
35	Study of theegOrbitals in the Bilayer ManganiteLa2â^’2xSr1+2xMn2O7by Using Magnetic Compton-Profile Measurement. Physical Review Letters, 2001, 86, 5589-5592.	7.8	75
36	Quantitative determination of the atomic scattering tensor in orbitally orderedYTiO3by using a resonant x-ray scattering technique. Physical Review B, 2002, 66, .	3.2	75

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37	X-Ray Anomalous Scattering Study of a Charge-Ordered State inNaV2O5. Physical Review Letters, 2000, 85, 4349-4352.	7.8	73
38	Structural and electronic properties of Li- and Cu-doped Î²-rhombohedral boron constructed from icosahedral and truncated icosahedral clusters. Physical Review B, 1995, 52, 6102-6110.	3.2	71
39	Momentum Dependence of Charge Excitations in the Electron-Doped SuperconductorNd1.85Ce0.15CuO4: A Resonant Inelastic X-Ray Scattering Study. Physical Review Letters, 2005, 94, 207003.	7.8	71
40	Largest-extreme-value distribution analysis of multiple inclusion types in determining steel cleanliness. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2001, 32, 517-523.	2.1	70
41	Origin of the Large Polarization in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Thin Films Revealed by Soft- and Hard-X-Ray Diffraction. Physical Review Letters, 2012, 108, 047203.	7.8	69
42	Novel Orbital Ordering Induced by Anisotropic Stress in a Manganite Thin Film. Physical Review Letters, 2006, 96, 017202.	7.8	65
43	Hydrogen Ordering and New Polymorph of Layered Perovskite Oxyhydrides: Sr₂VO_{4â€“x}H_x. Journal of the American Chemical Society, 2014, 136, 7221-7224.	13.7	63
44	High-Magnetic-Field X-ray Absorption Spectroscopy of Field-Induced Valence Transition in YbInCu4. Journal of the Physical Society of Japan, 2007, 76, 034702.	1.6	61
45	Orbital excitations inLaMnO3studied by resonant inelastic x-ray scattering. Physical Review B, 2003, 67, .	3.2	60
46	Structural, magnetic and superconducting properties of graphite nanotubes and their encapsulation compounds. Journal of Physics and Chemistry of Solids, 1993, 54, 1861-1870.	4.0	57
47	â€œDevilâ€™s Staircaseâ€•Type Phase Transition inNaV2O5under High Pressure. Physical Review Letters, 2001, 87, 086402.	7.8	57
48	Spin-Orbital Superstructure in Strained Ferrimagnetic Perovskite Cobalt Oxide. Physical Review Letters, 2013, 111, 027206.	7.8	57
49	Synchrotron radiation X-ray powder diffractometer with a cylindrical imaging plate. Journal of Applied Crystallography, 2000, 33, 1241-1245.	4.5	55
50	Peierls Mechanism of the Metal-Insulator Transition in Ferromagnetic Hollandite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cr</mml:mi><mml:mn>8</mml:mn></mml:n mathvariant="normal">O</mml:mi><mml:mn>16</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2011, 107, 266402.	7.8	53
51	Polarization Switching Ability Dependent on Multidomain Topology in a Uniaxial Organic Ferroelectric. Nano Letters, 2014, 14, 239-243.	9.1	53
52	Symmetry Lowering in LaOBiS₂: A Mother Material for BiS₂-Based Layered Superconductors. Journal of the Physical Society of Japan, 2015, 84, 123703.	1.6	53
53	Multiple helimagnetic phases and topological Hall effect in epitaxial thin films of pristine and Co-doped SrFeO<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>. Physical Review B, 2013, 88, .	3.2	52
54	Symmetry breaking in the metal-insulator transition ofBaVS3. Physical Review B, 2002, 66, .	3.2	47

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55	Application of a portable pulsed magnet to synchrotron radiation experiments. Physica B: Condensed Matter, 2004, 346-347, 519-523.	2.7	44
56	Role of pâ€“ f Hybridization in the Metalâ€“Nonmetal Transition of PrRu4P12. Journal of the Physical Society of Japan, 2005, 74, 1930-1933.	1.6	43
57	Effects of hydrogen charge on microscopic fatigue behaviour of annealed carbon steels. Fatigue and Fracture of Engineering Materials and Structures, 2006, 29, 1066-1074.	3.4	43
58	Electron doping in the cubic perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml: Isotropic metal versus chainlike ordering of Jahn-Teller polarons. Physical Review B, 2010, 82, .	3.2	43
59	Ordering process in CoCl2-Graphite intercalation compound. Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1171-1172.	2.3	41
60	High Field X-ray Diffraction Study on a Magnetic-Field-Induced Valence Transition in YbInCu4. Journal of the Physical Society of Japan, 2006, 75, 024710.	1.6	41
61	Structural aspects ofC82andC76crystals studied by x-ray diffraction. Physical Review B, 1995, 51, 8723-8730.	3.2	40
62	Low-Temperature Structure of the Quarter-Filled Ladder Compound Î±'-NaV2O5. Journal of the Physical Society of Japan, 2002, 71, 385-388.	1.6	40
63	Mott Gap Excitations in Twin-FreeYBa2Cu3O7âˆ'Î´(Tc=93â€‰â€‰K) Studied by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2005, 94, 187002.	7.8	40
64	Charge-order driven proton arrangement in a hydrogen-bonded charge-transfer complex based on a pyridyl-substituted TTF derivative. Chemical Communications, 2012, 48, 8673.	4.1	40
65	Orbital Ordering of Intermediate-Spin State of Co³⁺ in Sr₃YCo₄O_{10.5}. Journal of the Physical Society of Japan, 2011, 80, 023711.	1.6	39
66	A NEW METHOD FOR THE MEASUREMENT OF MODE II FATIGUE THRESHOLD STRESS INTENSITY FACTOR RANGE Î”K_{Ï„th}. Fatigue and Fracture of Engineering Materials and Structures, 1997, 20, 863-870.	3.4	38
67	Quadrupolar Frustration in Shastryâ€“Sutherland Lattice of DyB4Studied by Resonant X-ray Scattering. Journal of the Physical Society of Japan, 2005, 74, 2434-2437.	1.6	38
68	Multiferroicity in NiBr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>with long-wavelength cycloidal spin structure on a triangular lattice. Physical Review B, 2011, 84, .	3.2	38
69	X-Ray Polarization Anomaly of Forbidden Reflections of Iron Pyrite, FeS2, near the Fe K-Absorption Edge. Journal of the Physical Society of Japan, 1996, 65, 3060-3067.	1.6	37
70	Crystallization and vitrification of electrons in a glass-forming charge liquid. Science, 2017, 357, 1381-1385.	12.6	37
71	Observation of the antiferroquadrupolar order inDyB2C2by resonant x-ray scattering. Physical Review B, 2002, 65, .	3.2	36
72	Structural- and electronic-property investigations on metal-doped Î²-rhombohedral boron. Journal of Physics and Chemistry of Solids, 1996, 57, 1167-1174.	4.0	34

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73	Dynamical process of skyrmion-helical magnetic transformation of the chiral-lattice magnet FeGe probed by small-angle resonant soft x-ray scattering. Physical Review B, 2015, 92, .	3.2	33
74	Orbital and Charge Ordering in LaSr 2Mn 2O 7 Observed by Resonant X-Ray Scattering. Journal of the Physical Society of Japan, 2000, 69, 2731-2734.	1.6	32
75	Commensurate-Incommensurate Crossover of Charge Stripe inLa2â^'xSrxNiO4(xâ^¼1/3). Physical Review Letters, 2004, 92, 196404.	7.8	32
76	Modulation of a Molecular Ï€â€Electron System in a Purely Organic Conductor that Shows Hydrogenâ€Bondâ€Dynamicsâ€Based Switching of Conductivity and Magnetism. Chemistry - A European Journal, 2015, 21, 15020-15028.	3.3	32
77	Orbital correlations in doped manganites. Applied Physics A: Materials Science and Processing, 2001, 73, 723-730.	2.3	31
78	X-ray-induced phase transitions by selective excitation of heterometal ions in a cyanide-bridged Feâ€“Co molecular square. Chemical Communications, 2014, 50, 4050-4052.	4.1	31
79	Structural and Thermal Properties in Formamidinium and Cs-Mixed Lead Halides. Journal of Physical Chemistry Letters, 2019, 10, 6967-6972.	4.6	31
80	Crystallographic, thermal and magnetic properties of CoCl2-graphite intercalation compound â€" a quasi-two-dimensional system of finite size clusters. Synthetic Metals, 1985, 12, 427-432.	3.9	30
81	Controlled Carrier Generation at a Polarity-Discontinued Perovskite Heterointerface. Japanese Journal of Applied Physics, 2004, 43, L1032-L1034.	1.5	30
82	Orbital Ordering Structures in (Nd,Pr)_{0.5}Sr_{0.5}MnO₃Manganite Thin Films on Perovskite (011) Substrates. Journal of the Physical Society of Japan, 2008, 77, 014712.	1.6	30
83	Pressure effect on iron-based superconductor LaFeAsO1â^'xHx: Peculiar response of 1111-type structure. Scientific Reports, 2016, 6, 39646.	3.3	30
84	A method for the formulation and solution of circuits composed of switches and linear RLC elements. IEEE Transactions on Circuits and Systems, 1987, 34, 496-509.	0.9	29
85	Structural properties and phase transition of hole-orbital-ordered(C2H5NH3)2CuCl4studied by resonant and non-resonant x-ray scatterings under high pressure. Physical Review B, 2005, 72, .	3.2	29
86	Non-Collinear Magnetic Structure of TbB4. Journal of the Physical Society of Japan, 2007, 76, 015001.	1.6	29
87	Emergence of nonequilibrium charge dynamics in a charge-cluster glass. Physical Review B, 2014, 89, .	3.2	29
88	Motion of the guest ion as precursor to the first-order phase transition in the cage system GdB6. Physical Review B, 2011, 84, .	3.2	28
89	Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B,	3.2	28
90	Chiral crystal-structure transformation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>R</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 94, .	3.2	28

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91	Systematic Variations in the Charge-Glass-Forming Ability of Geometrically Frustrated Î-(BEDT-TTF)₂X Organic Conductors. Journal of the Physical Society of Japan, 2014, 83, 083602.	1.6	27
92	Magnetic Structure ofÎ²-MnO2: X-ray Magnetic Scattering Study. Journal of the Physical Society of Japan, 2001, 70, 37-40.	1.6	26
93	Resonant x-ray-scattering study of octahedral tilt ordering inLaMnO3andPr1âˆ’xCaxMnO3. Physical Review B, 2001, 64, .	3.2	26
94	Charge-Order Pattern of the Low-Temperature Phase from a Monoclinic Single Domain ofNaV2O5Uniquely Determined by Resonant X-Ray Scattering. Physical Review Letters, 2005, 94, 106401.	7.8	26
95	Investigation of the light-induced electron-transfer-coupled spin transition in a cyanide-bridged [Co₂Fe₂] complex by X-ray diffraction and absorption measurements. Chemical Science, 2015, 6, 3564-3574.	6.0	26
96	Cluster-Based Haldane State in an Edge-Shared Tetrahedral Spin-Cluster Chain: Fedotovite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:m mathvariant="normal">O</mml:mi><mml:mo		

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109	Observation of Structural Change in the Novel Ferromagnetic Metalâ€“Insulator Transition of K₂Cr₈O₁₆. Journal of the Physical Society of Japan, 2012, 81, 054710.	1.6	23
110	Orbital ordering near a Mott transition:â€ƒResonant x-ray scattering study of the perovskite Ti oxidesRTiO3andLaTiO3.02(R=Gd, Sm, Nd, and La). Physical Review B, 2004, 70, .	3.2	22
111	Resonant X-ray Scattering Experiments on the Ordering of Electronic Degrees of Freedom. Journal of the Physical Society of Japan, 2013, 82, 021007.	1.6	22
112	Possible Tomonaga-Luttinger spin liquid state in the spin-1/2 inequilateral diamond-chain compound K3Cu3AlO2(SO4)4. Scientific Reports, 2017, 7, 16785.	3.3	22
113	Field-Induced Antipolarâ€“Polar Structural Transformation and Giant Electrostriction in Organic Crystal. Journal of the American Chemical Society, 2018, 140, 3842-3845.	13.7	22
114	Analysis of Vickers Hardness by the Finite Element Method. Journal of Applied Mechanics, Transactions ASME, 1994, 61, 822-828.	2.2	21
115	Competition of Magnetic and Quadrupolar Order Parameters in HoB4. Journal of the Physical Society of Japan, 2008, 77, 044709.	1.6	21
116	Orbital states of V trimers in BaV<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>10</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>15</mml:mn></mml:msub></mml:math>detected by resonant x-ray scattering. Physical Review B, 2012, 86, .	3.2	21
117	Solid-solid phase interconversion in an organic conductor crystal: hydrogen-bond-mediated dynamic changes in Ï€-stacked molecular arrangement and physical properties. Chemical Communications, 2014, 50, 15557-15560.	4.1	21
118	Supramolecular effects and molecular discrimination by macrocyclic hosts embedded in synthetic bilayer membranes.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 1140-1145.	7.1	20
119	An inelastic X-ray scattering spectrometer for materials science on BL11XU at SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1081-1083.	1.6	20
120	Observation of ordered orbital of YTIO3 by the X-ray magnetic diffraction experiments. Journal of Physics and Chemistry of Solids, 2004, 65, 1993-1997.	4.0	20
121	Ferro-Type Orbital State in the Mott Transition SystemCa2â^'xSrxRuO4Studied by the Resonant X-Ray Scattering Interference Technique. Physical Review Letters, 2005, 95, 026401.	7.8	20
122	Momentum-dependent charge excitations of a two-leg ladder: Resonant inelastic x-ray scattering of(La,Sr,Ca)14Cu24O41. Physical Review B, 2007, 76, .	3.2	20
123	Crystal Structure and Charge-Ordering in La_{1.5}Ca_{0.5}CoO₄ Studied by Neutron and Resonant X-ray Scattering. Journal of the Physical Society of Japan, 2008, 77, 044601.	1.6	20
124	Successive Transitions in CoCl2-Graphite Intercalation Compound and the Stage Dependence. Journal of the Physical Society of Japan, 1988, 57, 1056-1062.	1.6	18
125	Control of a superconducting coil by a MOSFET power converter operating at near liquid nitrogen temperature. IEEE Transactions on Magnetics, 1991, 27, 2020-2023.	2.1	18
126	Detection of a 10â^'4 helium peak in a deuterium atmosphere using a modified highâ€resolution quadrupole mass spectrometer. Review of Scientific Instruments, 1994, 65, 1912-1917.	1.3	18

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127	Resonant inelastic x-ray scattering study of the hole-doped manganitesLa1â^'xSrxMnO3(x=0.2, 0.4). Physical Review B, 2004, 70, .	3.2	18
128	X-ray anomalous scattering of diluted magnetic oxide semiconductors: Possible evidence of lattice deformation for high temperature ferromagnetism. Physical Review B, 2007, 76, .	3.2	18
129	Smâ€“Sb Bond Length in Mixed-Valence System of SmOs₄Sb₁₂. Journal of the Physical Society of Japan, 2008, 77, 073601.	1.6	18
130	Crystal Structure and Valence Distribution of [(LaMnO₃)_m(SrMnO₃)_m]_n Artificial Superlattices. Journal of the Physical Society of Japan, 2009, 78, 024602.	1.6	18
131	X-ray induced insulator-metal transition in a thin film of electron-doped VO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 84, .	3.2	18
132	Protonation of Pyridylâ€Substituted TTF Derivatives: Substituent Effects in Solution and in the Protonâ€“Electron Correlated Chargeâ€Transfer Complexes. Chemistry - A European Journal, 2014, 20, 1909-1917.	3.3	18
133	Solvent-induced on/off switching of intramolecular electron transfer in a cyanide-bridged trigonal bipyramidal complex. Dalton Transactions, 2016, 45, 17104-17107.	3.3	18
134	Growth of antiperovskite oxide Ca3SnO films by pulsed laser deposition. Journal of Crystal Growth, 2018, 500, 33-37.	1.5	18
135	Pressure effects on an organic radical ferromagnet:â€ƒ2,5-difluorophenyl-Î±-nitronyl nitroxide. Physical Review B, 2003, 67, .	3.2	17
136	Resonant Magnetic X-ray Diffraction Study on Successive Metamagnetic Transitions in TbB₄. Journal of the Physical Society of Japan, 2009, 78, 033707.	1.6	17
137	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>VO</mml:mtext><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2015, 91, .	3.2	17
138	Observation of magnetic order in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SmMn</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml:mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>studied by resonant x-ray magnetic scattering. Physical Review B, 2016, 93, .	3.2	17
139	Coupled multiferroic domain switching in the canted conical spin spiral system Mn2GeO4. Nature Communications, 2017, 8, 15457.	12.8	17
140	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, .	3.2	17
141	Novel Size Effect of LaMnO3+Î´ Nanocrystals Embeded in SBA-15 Mesoporous Silica. Journal of the Physical Society of Japan, 2006, 75, 113704.	1.6	16
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