Takuro Katsufuji

List of Publications by Year
in descending order

182	6,846	66343 42	62596 80
papers	citations	h-index	g-index

185	185	185	5017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anomalous Variation of Optical Spectra with Spin Polarization in Double-Exchange Ferromagnet:La1â^'xSrxMnO3. Physical Review Letters, 1995, 75, 109-112.	7.8	451
2	Dielectric and magnetic anomalies and spin frustration in hexagonalRMnO3(R=Y,Yb, and Lu). Physical Review B, 2001, 64, .	3.2	419
3	Coupling between magnetism and dielectric properties in quantum paraelectricEuTiO3. Physical Review B, 2001, 64, .	3.2	354
4	Large Kerr effect in bulk Se-based chalcogenide glasses. Optics Letters, 2000, 25, 254.	3.3	311
5	Variation of electronic structure inLa1â^'xSrxMnO3f(0â©½xâ©½0.3) as investigated by optical conductivity spectra. Physical Review B, 1997, 55, 4206-4214.	3.2	309
6	Crystal structure and magnetic properties of hexagonalRMnO3(R=Y,Lu, and Sc) and the effect of doping. Physical Review B, 2002, 66, .	3.2	257
7	Optical spectra in (La,Y)TiO3: Variation of Mott-Hubbard gap features with change of electron correlation and band filling. Physical Review B, 1995, 51, 9581-9588.	3.2	207
8	Orbital Ordering and Magnetic Field Effect inMnV2O4. Physical Review Letters, 2007, 98, 127203.	7.8	163
9	Optical spectroscopy of the charge-ordering transition inLa1.67Sr0.33NiO4. Physical Review B, 1996, 54, R14230-R14233.	3.2	161
10	Stripe order at low temperatures inLa2â^'xSrxNiO4with0.289â‰²xâ‰²0.5. Physical Review B, 2000, 61, R854-R857.	3.2	158
11	Frustrated Magnetism and Cooperative Phase Transitions in Spinels. Journal of the Physical Society of Japan, 2010, 79, 011004.	1.6	141
12	Magnetic-Field Switching of Crystal Structure in an Orbital-Spin-Coupled System:MnV2O4. Physical Review Letters, 2005, 95, 197202.	7.8	118
13	Anomalous Magnetotransport Properties ofR2Mo2O7near the Magnetic Phase Boundary. Physical Review Letters, 2000, 84, 1998-2001.	7.8	117
14	Transport and magnetic properties of a Mott-Hubbard system whose bandwidth and band filling are both controllable:â€ƒR1â^'xCaxTiO3+y/2. Physical Review B, 1997, 56, 10145-10153.	3.2	113
15	In-Plane and Out-of-Plane Optical Spectra ofSr2RuO4. Physical Review Letters, 1996, 76, 126-129.	7.8	106
16	Spontaneous Formation of Vanadium â€œMoleculesâ€•in a Geometrically Frustrated Crystal:AlV2O4. Physical Review Letters, 2006, 96, 086406.	7.8	103
17	Change of electronic properties on the doping-induced insulator-metal transition inLa1â^'xSrxVO3. Physical Review B, 1995, 52, R2221-R2224.	3.2	100
18	Role of intrinsic disorder in the structural phase transition of magnetoelectric EuTiO<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, 2012, 85, .	3.2	96

#	Article	IF	Citations
19	Structural and Magnetic Properties of Spinel FeV₂O₄with Two Ions Having Orbital Degrees of Freedom. Journal of the Physical Society of Japan, 2008, 77, 053708.	1.6	92
20	Large off-diagonal magnetoelectric coupling in the quantum paraelectric antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuTiO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:m Physical Review B, 2010, 81, .	3.2	91
21	Electric-field-induced resistance switching universally observed in transition-metal-oxide thin films. Applied Physics Letters, 2006, 88, 142508.	3.3	90
22	Unconventional spin fluctuations in the hexagonal antiferromagnetYMnO3. Physical Review B, 2003, 68, .	3.2	89
23	Impurity Effects on the Electronic/Magnetic Ground States of Perovskite Manganites. Journal of the Physical Society of Japan, 1999, 68, 1090-1093.	1.6	85
24	Charge Ordering in the Geometrically Frustrated Spinel AlV2O4. Journal of the Physical Society of Japan, 2001, 70, 1456-1459.	1.6	84
25	Magnetodielectric properties of spin-orbital coupled system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:m Physical Review B, 2008, 77, .	3.2	83
26	Spectral Weight Transfer of the Optical Conductivity in Doped Mott Insulators. Physical Review Letters, 1995, 75, 3497-3500.	7.8	82
27	Magnetic excitations and orbital physics in the ferrimagnetic spinels<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Mn</mml:mi><mml:msub><mml:mi>B</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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37	Magnetocapacitance and spin fluctuations in the geometrically frustrated magnetsR2Ti2O7(R=rareearth). Physical Review B, 2004, 69, .	3.2	49
38	EuTiO<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>magnetic structure studied by neutron powder diffraction and resonant x-ray scattering. Physical Review B, 2012, 86, .	3.2	46
39	Microscopic phase separation and ferromagnetic microdomains in Cr-dopedNd0.5Ca0.5MnO3. Physical Review B, 2003, 67, .	3.2	45
40	Thermal Rectification in the Vicinity of a Structural Phase Transition. Applied Physics Express, 2012, 5, 027302.	2.4	45
41	Microscopic electronic phase separation and metal-insulator transition inNd0.5Sr0.5MnO3. Physical Review B, 1999, 60, 12963-12967.	3.2	44
42	Anomalous variation of phonon Raman intensities near the metal-to-Mott-insulator transition in titanium oxide systems. Physical Review B, 1994, 50, 2704-2707.	3.2	42
43	Electric-pulse-induced reflectance change in the thin film of perovskite manganite. Applied Physics Letters, 2004, 85, 1208-1210.	3.3	42
44	Large magnetoresistance in spin- and carrier-dopedSrTiO3. Physical Review B, 2005, 72, .	3.2	41
45	Commensurability effect on the charge ordering ofLa2â^'xSrxNiO4. Physical Review B, 1999, 60, R5097-R5100.	3.2	40
46	Electric field modulation of the tetragonal domain orientation revealed in the magnetic ground state of quantum paraelectric EuTiO<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, 87, .	3.2	40
47	Coherent-incoherent crossover of charge dynamics in the ferromagnetic ground state of manganites:R0.6Sr0.4MnO3(R=La-Sm). Physical Review B, 1999, 60, 10362-10366.	3.2	39
48	Strong self-phase modulation in planar chalcogenide glass waveguides. Optics Letters, 2002, 27, 363.	3.3	39
49	Phase separation and ferromagnetic transition inB-site substitutedNd1/2Ca1/2MnO3. Physical Review B, 2002, 65, .	3.2	36
50	Magnetic susceptibility and specific heat of a spinel MnV<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>	3.2	36
51	Optical study on the doping and temperature dependence of the anisotropic electronic structure in bilayered manganites:La2â^'2xSr1+2xMn2O7(0.3<~x<~0.5). Physical Review B, 2000, 62, 12354-12362.	3.2	35
52	Photoemission spectral weight transfer and mass renormalization in the Fermi-liquid system La 1 â^' x Sr x TiO 3 + y /2. Europhysics Letters, 2002, 59, 258-264.	2.0	35
53	Hole concentration dependence of the ordering process of the stripe order in La2-xSrxNiO4. Physical Review B, 2001, 64, .	3.2	34
54	Magnetocapacitance effect and related microstrucuture in Ti-dopedYMnO3. Physical Review B, 2005, 72, .	3.2	34

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55	Nonvolatile memory effect of capacitance in polycrystalline spinel vanadate. Applied Physics Letters, 2007, 91, .	3.3	34
56	Symmetry-dependent electronic Raman scattering inLa2âˆ’xSrxCuO4: Evidence for doping-induced change in thek-space anisotropy of charge dynamics. Physical Review B, 1993, 48, 16131-16134.	3.2	32
57	Charge dynamics ofCa2âˆ’xNaxCuO2Cl2as a correlated electron system with the ideal tetragonal lattice. Physical Review B, 2004, 70, .	3.2	31
58	Universal charge transport of the Mn oxides in the high temperature limit. Journal of Applied Physics, 2004, 95, 6825-6827.	2.5	31
59	Elastic and anelastic relaxations associated with phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">EuTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	30
60	Charge Ordering and Spin Frustration inAlV2âˆ’xâ€‰CrxO4. Physical Review Letters, 2003, 90, 096404.	7.8	28
61	Electronic structure of Mottâ€“Hubbard-type transition-metal oxides. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 277-286.	1.7	27
62	Magnetic field andin situstress dependence of elastic behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></m resonant ultrasound spectroscopy. Physical Review B, 2016, 93, .	3.2	27
63	Chemical doping-induced flop of ferroelectric polarization in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9</mml:mn> Physical Review B, 2010, 82, .	3.2	26
64	Orbital Glass State of the Nearly Metallic Spinel Cobalt Vanadate. Physical Review Letters, 2016, 116, 037201.	7.8	24
65	Low Temperature Structural Instability of Tetragonal Spinel Mn₃O₄. Journal of the Physical Society of Japan, 2013, 82, 034707.	1.6	23
66	Charge dynamics and possibility of ferromagnetism inA1âˆ’xLaxB6(A=Caand Sr). Physical Review B, 2002, 66, .	3.2	21
67	Orbital fluctuations in spinel Mn(V<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	21
68	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
69	Electronic Raman scattering in filling-controlled metals:Sr1âˆ’xLaxTiO3. Physical Review B, 1994, 49, 4372-4375.	3.2	20
70	Raman study of the metal-insulator transition in pyrochloreMooxides. Physical Review B, 2004, 70, .	3.2	20
71	Transport, magnetic, and structural properties of spinelMnTi2O4and the effect of V doping. Physical Review B, 2006, 74, .	3.2	19
72	Phase Separation and Destabilization of the Charge-Ordered State in Cr-Doped Manganites. Journal of the Physical Society of Japan, 2001, 70, 267-271.	1.6	18

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73	Dielectric phase transition and symmetry change of constituent molecules in protonâ€“deuteron mixed crystals of squaric acid. Journal of Chemical Physics, 1991, 95, 2244-2251.	3.0	17
74	Frequency and temperature dependence of conductivity for perovskite titanates. Physical Review B, 1999, 60, 7673-7676.	3.2	17
75	Far-Infrared Resonance inSr2RuO4. Physical Review Letters, 2001, 87, 227002.	7.8	17
76	Spin-singlet formation in the geometrically frustrated spinel oxideAlV2O4:V51andA27lNMR measurements. Physical Review B, 2008, 78, .	3.2	17
77	Evolution of phonon Raman spectra with orbital ordering in spinel MnV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	3.2	17
78	Universal Behaviors of the Phonon Thermal Conductivity Associated with Charge/Orbital Ordering in Transition-Metal Oxides. Journal of the Physical Society of Japan, 2016, 85, 013703.	1.6	17
79	Probing Charge/Orbital Correlation in La1.2Sr1.8Mn2O7by Raman Spectroscopy. Journal of the Physical Society of Japan, 1999, 68, 2538-2541.	1.6	16
80	Formation of a Three-Dimensional Network of V Trimers in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>A</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">V</mml:mi><mml:mn>13</mml:mn></mml:msub><mml:msub><mml:mi		

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91	Charge Ordered State in the Impurity-Doped Manganites. Journal of the Physical Society of Japan, 2002, 71, 1280-1283.	1.6	12
92	Correlation between magnetic, dielectric properties and crystal structure in (, Cr, Mn). Journal of Magnetism and Magnetic Materials, 2007, 310, 780-781.	2.3	12
93	Structural, magnetic, transport, and thermoelectric properties of the pseudobrookite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>AlTi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>-</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>TiO</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math> system. Physical Review Materials, 2020, 4, .	2.4	12
94	Optical probe of charge-spin-lattice dynamics in half-dopedLa1.5Sr0.5NiO4. Physical Review B, 2003, 67, .	3.2	11
95	Competition between vanadium tetramerization and trimerization in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>	3.2	11
96	Magnetoelastic relaxations in EuTiO 3. Europhysics Letters, 2015, 109, 57004.	2.0	11
97	Dynamic spin correlations in the frustrated cubic phase of MnV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	10
98	Thermal conductivity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrVO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> thin films: Evidence of intrinsic thermal resistance at the interface between oxide layers. Physical Review Materials, 2018, 2, .	2.4	10
99	Itinerant carriers in doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Sr</mml:mi><mml:mi mathvariant="normal">Ti</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>: Anomalous Hall resistivity. Physical Review B, 2008, 77, .	3.2	9
100	Impact of orbital degrees of freedom on geometrical frustration in the kagome-like magnetSrVxGa12â^'xO19. Physical Review B, 2009, 79, .	3.2	9
101	Crossover behavior of the crystal structure and the relation to magnetism in perovskiteRTiO3. Physical Review B, 2010, 82, .	3.2	9
102	Spin and charge ordering in La2â^'xSrxNiO4 with 0.27â©½xâ©½0.5. Physica B: Condensed Matter, 1997, 241-243, 880-882.	2.7	8
103	Second Harmonic Generation from Multiferroic MnWO₄. Journal of the Physical Society of Japan, 2008, 77, 115001.	1.6	8
104	Change of the optical conductivity spectra with orbital and spin ordering in spinel MnV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	8
105	Electronic properties of <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>	3.2	8
106	Giant magnetic anisotropy in Mn<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math> investigated by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow />	3.2	7
107	<mml:mi>A</mml:mi></mml:math>V<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 />	3.2	7
108	Variety of elastic anomalies in an orbital-active nearly itinerant cobalt vanadate spinel. Physical Review B, 2017, 96, .	3.2	7

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109	Reversible Single-Crystal-to-Single-Crystal Phase Transition of Chiral Salicylidenephenylethylamine. Crystals, 2017, 7, 7.	2.2	7
110	Anomalous metallic state with strong charge fluctuations in BaxTi8O16+Î´ revealed by hard x-ray photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	7
111	Electronic states and possible origin of the orbital-glass state in a nearly metallic spinel cobalt vanadate: An x-ray magnetic circular dichroism study. Physical Review B, 2018, 97, .	3.2	7
112	Selection rule for the photoinduced phase transition dominated by anisotropy of strain in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ti</mml:mi><mml:mn>3</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	3.2	7
113	Ab initio calculation of charge- and spin-controlled Sr1â^'xâ^'yLax+yTi1â^'xCrxO3. Journal of Magnetism and Magnetic Materials, 2007, 310, e281-e282.	2.3	6
114	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.8</mml:m Physical Review B, 2009, 80, .	3.2	6
115	Infrared phonon anomalies and orbital ordering in single-crystalline MnV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>spinel. Physical Review B, 2012, 85, .	3.2	6
116	Effect of Offstoichiometry on the Physical Properties of Sr₂VO₄. Journal of the Physical Society of Japan, 2014, 83, 034708.	1.6	6
117	V 2p core-level spectroscopy of V2+/V3+ mixed valence AV10O15 (Aâ€¯=â€¯Ba, Sr) and Ba0.9Sr0.1V13O18. Journal of Electron Spectroscopy and Related Phenomena, 2018, 223, 11-20.	1.7	6
118	Nucleation and growth of orbital ordering. Nature Communications, 2020, 11, 2324.	12.8	6
119	Magnetocapacitance in Geometrically Frustrated Magnet ZnFe2O4. Journal of the Physical Society of Japan, 2005, 74, 863-866.	1.6	5
120	Structural Phase Transition and Domain Structures in YMn1-xTixO3. Japanese Journal of Applied Physics, 2005, 44, 7174-7176.	1.5	5
121	Spin-dependent charge dynamics of an orbital-spin-coupled system:Yb2V2O7. Physical Review B, 2006, 74, .	3.2	5
122	Photoinduced dynamics of spinel MnV2O4. Physical Review B, 2013, 88, .	3.2	5
123	Anomalous metallic ground state inBaV13O18. Physical Review B, 2014, 89, .	3.2	5
124	Transport, magnetic, thermoelectric, and structural properties of hollandite titanates <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mi>x</mml:mi></mml:ms mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>16</mml:mn><mml:mo>+</mml:mo><mml:mo>Î´</mml:mo></mml:mrow> Physical Review Materials, 2018, 2, .	2.4	5
125	Coexistence of two components in the optical spectra ofCeTiO3.04in the antiferromagnetic metallic phase. Physical Review B, 2000, 62, 10797-10801.	3.2	4
126	Neutron scattering study of the charge and the magnetic ordering in La2$minus;xSrxNiO4. Physica B: Condensed Matter, 2003, 329-333, 725-726.	2.7	4

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127	Doping effect on the charge ordering inAlV2O4. Physical Review B, 2005, 71, .	3.2	4
128	Magnetic-field switching of crystal structure in spinel MnV2O4. Physica B: Condensed Matter, 2006, 383, 13-15.	2.7	4
129	Dynamics of photoinduced phenomena in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>V<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>	3.2	4
130	High-temperature interlayer magnetoresistance in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Mo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</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>.	3.2	4
131	Change in phonon Raman spectra with vibronization 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>.	3.2	4
132	Coupling between Mott excitation and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>d</mml:mi><mml:mo>â^'</mml:mo><mml:mi>d</mml:mi></mml:mrow></mml:math> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CoV</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>.	3.2	4
133	Magnetoresistance in doped Mott-Hubbard system:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>R</mml:mi><mml:msub><mml:mi mathvariant="normal">TiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 91, .	3.2	4
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