

Tsuyoshi Kimura

List of Publications by Year in descending order

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132
papers

10,829
citations

117625

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103
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138
all docs

138
docs citations

138
times ranked

8040
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic control of ferroelectric polarization. <i>Nature</i> , 2003, 426, 55-58.	27.8	4,204
2	Magnetocapacitance effect in multiferroic BiMnO ₃ . <i>Physical Review B</i> , 2003, 67, .	3.2	907
3	Distorted perovskite with G_1 configuration as a frustrated spin system. <i>Physical Review B</i> , 2003, 68, .	3.2	504
4	Low-field magnetoelectric effect at room temperature. <i>Nature Materials</i> , 2010, 9, 797-802.	27.5	481
5	Cupric oxide as an induced-multiferroic with high-TC. <i>Nature Materials</i> , 2008, 7, 291-294.	27.5	453
6	Spiral Magnets as Magnetoelectrics. <i>Annual Review of Materials Research</i> , 2007, 37, 387-413.	9.3	409
7	Electric Polarization Rotation in a Hexaferrite with Long-Wavelength Magnetic Structures. <i>Physical Review Letters</i> , 2005, 94, 137201.	7.8	386
8	Magnetoelectric Hexaferrites. <i>Annual Review of Condensed Matter Physics</i> , 2012, 3, 93-110.	14.5	311
9	Structural and magnetoelectric properties of Ga _{2-x} Fe _x O ₃ single crystals grown by a floating-zone method. <i>Physical Review B</i> , 2004, 70, .	3.2	250
10	Layered Magnetic Manganites. <i>Annual Review of Materials Research</i> , 2000, 30, 451-474.	5.5	177
11	Magnetic Ordering in Relation to the Room-Temperature Magnetoelectric Effect of $\text{Sr}_{1-x}\text{Ca}_x\text{Mn}_2\text{O}_7$. <i>Physical Review Letters</i> , 2011, 106, 087201.		
12	Broad spectral tuning of ultra-low-loss polaritons in a van der Waals crystal by intercalation. <i>Nature Materials</i> , 2020, 19, 964-968.	27.5	129
13	Magnetoelectric control of spin-chiral ferroelectric domains in a triangular lattice antiferromagnet. <i>Physical Review B</i> , 2008, 78, .	3.2	127
14	Magnetoelectric domain control in multiferroic TbMnO ₃ . <i>Science</i> , 2015, 348, 1112-1115.	12.6	107
15	Magnetism and magnetoelectricity of a U-type hexaferrite Sr ₄ Co ₂ Fe ₃₆ O ₆₀ . <i>Applied Physics Letters</i> , 2011, 98, .	3.3	90
16	Mutual control of magnetization and electrical polarization by electric and magnetic fields at room temperature in Y-type BaSrCo _{2-x} Zn _x Fe ₁₁ AlO ₂₂ ceramics. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	80
17	Dynamics of photoinduced melting of charge/orbital order in a layered manganite La _{0.5} Sr _{1.5} MnO ₄ . <i>Physical Review B</i> , 2001, 63, .	3.2	79
18	Reversible optical switching of antiferromagnetism in TbMnO ₃ . <i>Nature Photonics</i> , 2016, 10, 653-656.	31.4	76

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19	Technique for bulk Fermiology by photoemission applied to layered ruthenates. <i>Physical Review B</i> , 2004, 70, .	3.2	75
20	External electric field dependence of the structure of the electric double layer at an ionic liquid/Au interface. <i>Applied Physics Letters</i> , 2012, 101, 053122.	3.3	66
21	Lattice Distortion Coupled with Magnetic Ordering in a Triangular Lattice Antiferromagnet CuCrO_2 . <i>Journal of the Physical Society of Japan</i> , 2009, 78, 113710.	1.6	50
22	Magnetic and magnetoelectric properties of $\text{Ba}_{2-x}\text{Sr}_x\text{Ni}_2\text{Fe}_{12}\text{O}_{22}$ single crystals with Y-type hexaferrite structure. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	50
23	Multiferroic phase of doped delafossite CuFeO_2 using inelastic neutron scattering. <i>Physical Review B</i> , 2010, 82, .	3.2	48
24	Multilevel magnetization switching by electric field in <i>c</i> -axis oriented polycrystalline Z-type hexaferrite. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	48
25	Multiferroicity in orthorhombic RMnO_3 (R=Dy, Tb, and Gd) under high pressure. <i>Physical Review B</i> , 2015, 91, .	3.2	48
26	Charge-orbital ordering and ferromagnetic chains in single-layered manganite crystals. <i>Physical Review B</i> , 2001, 65, .	3.2	45
27	Magnetocapacitive effects in the NaNi_2O_7 -type ferrimagnet SmMnO_3 . <i>Physical Review B</i> , 2010, 82, .	3.2	45
28	Large surface relaxation in the organic semiconductor tetracene. <i>Nature Communications</i> , 2014, 5, 5400.	12.8	43
29	Coupling of Magnetic and Ferroelectric Hysteresis by a Multicomponent Magnetic Structure in Mn_2GeO_7 . <i>Physical Review Letters</i> , 2012, 108, 077204.	7.8	42
30	Strain-stabilized charge ordering and magnetorelaxor behaviors in Cr-doped $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ epitaxial thin films. <i>Applied Physics Letters</i> , 2001, 78, 3505-3507.	3.3	38
31	Domain rearrangement and spin-spiral-plane flop as sources of magnetoelectric effects in delafossite CuCrO_2 . <i>Physical Review B</i> , 2010, 81, .	3.2	38
32	Visualization of ferroaxial domains in an order-disorder type ferroaxial crystal. <i>Nature Communications</i> , 2020, 11, 4582.	12.8	38
33	Observation of quadrupole helix chirality and its domain structure in $\text{DyFe}_3(\text{BO}_3)_4$. <i>Nature Materials</i> , 2014, 13, 611-618.	27.5	37
34	Magnetodielectric detection of magnetic quadrupole order in $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$ with Cu_4O_{12} square cupolas. <i>Nature Communications</i> , 2016, 7, 13039.	12.8	37
35	Detecting charge and lattice dynamics in photoinduced charge-order melting in perovskite-type manganites using a 30-femtosecond time resolution. <i>Physical Review B</i> , 2009, 79, .	3.2	34
36	Magnetoelectric inversion of domain patterns. <i>Nature</i> , 2018, 560, 466-470.	27.8	32

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37	Photo-Induced Dynamics of Charge/Orbital Order in Perovskite Manganite Nd _{0.5} Ca _{0.5} MnO ₃ . Journal of the Physical Society of Japan, 2002, 71, 2380-2383.	1.6	31
38	Pressure effects on the magnetoelectric properties of a multiferroic triangular-lattice antiferromagnet CuCrO. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2013, 87, .	3.2	31
39	Detection of Coherent Magnons via Ultrafast Pump-Probe Reflectance Spectroscopy in Multiferroic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.6 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2015, 115, 177401.	7.9	29
40	Spin-chiral domains in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1.2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \text{Zn} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1.5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2016, 116, 057402.	3.2	29
41	Electromagnon dispersion probed by inelastic X-ray scattering in LiCrO ₂ . Nature Communications, 2016, 7, 13547.	12.8	29
42	Transversely modulated crystal structure of charge-orbital ordered manganites Nd _{1-x} Sr _{1+x} MnO ₄ (x=2/3,3/4). Physical Review B, 2002, 65, .	3.2	28
43	Effect of High-Pressure Oxygen Annealing on Electrical and Magnetoelectric Properties of Ba ₂ SrCo ₂ Fe ₁₁ AlO ₂₂ Ceramics. Journal of the American Ceramic Society, 2015, 98, 2104-2111.	3.8	27
44	Directional Ordering and Collective Fluctuation of Orbital in a Colossal Magnetoresistive Manganite. Journal of the Physical Society of Japan, 2000, 69, 2403-2406.	1.6	26
45	Photoluminescence of perovskite lanthanum aluminate single crystals. Journal of Applied Physics, 2000, 87, 7594-7596.	2.5	26
46	A ²⁺ Cation Control of Chiral Domain Formation in A(TiO)Cu ₄ (PO ₄) ₄ (A = Ba, Sr). Inorganic Chemistry, 2016, 55, 1002-1004.	4.0	26
47	Photoluminescence of perovskite lanthanum aluminate single crystals. Journal of Applied Physics, 2000, 88, 1175-1177.	2.5	25
48	Imaging switchable magnetoelectric quadrupole domains via nonreciprocal linear dichroism. Communications Materials, 2020, 1, .	6.9	25
49	Orbital and Charge Ordering in La _{1-x} Sr _{1+x} MnO ₄ (0.4 ≤ x ≤ 0.5). Journal of the Physical Society of Japan, 2001, 70, 1194-1197.	1.6	24
50	Experimental quest for orbital waves. Nature, 2002, 418, 40-40.	27.8	24
51	Electric-field switching of orbital order in layered manganites. Applied Physics Letters, 2003, 83, 3329-3331.	3.3	24
52	Multiferroicity on the Zigzag-Chain Antiferromagnet MnWO ₄ in High Magnetic Fields. Journal of the Physical Society of Japan, 2012, 81, 054705.	1.6	24
53	Optical probe of orbital ordering in heavily hole-doped manganites Nd _{1-x} Sr _x MnO ₃ (x=0.55 and 0.7). Physical Review B, 2003, 67, .	3.2	21
54	Magnetoelectric Behavior from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Asymmetric Square Cupolas. Physical Review Letters, 2017, 118, 107601.	7.8	21

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55	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -cation control of magnetoelectric quadrupole order in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Physical Review B, 2018, 97, .	3.2	21
56	Resonant photoemission spectroscopy study of impurity-induced melting in Cr- and Ru-doped $\text{Nd}_{1/2}\text{A}_{1/2}\text{MnO}_3$ (A=Ca,Sr). Physical Review B, 2003, 68, .	3.2	20
57	Chemical and orbital fluctuations in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math variant="normal"} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 9 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Observation of magnetic domain and bubble structures in magnetoelectric $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2016, 93, .	3.2	20
58	$\langle \text{mml:math variant="normal"} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ $\langle \text{mml:math variant="normal"} \rangle r \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ $\langle \text{mml:math variant="normal"} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ $\langle \text{mml:math variant="normal"} \rangle o \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ $\langle \text{mml:math variant="normal"} \rangle$	3.2	20
59	Valence ordering in the intermediate-valence magnet YbPd. Physical Review B, 2013, 88, .	3.2	19
60	Enhancement of magnetoelectric operating temperature in compressed Cr_2O_3 under hydrostatic pressure. Applied Physics Letters, 2017, 110, .	3.3	19
61	Anisotropic magnetodielectric effect in the honeycomb-type magnet $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a}'' \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2017, 95, .	3.2	19
62	Possible presence of a charge-orbital density wave in layered manganites $\text{Nd}_{1-x}\text{Ca}_x\text{MnO}_4$. Physical Review B, 2003, 68, .	3.2	18
63	Coupled multiferroic domain switching in the canted conical spin spiral system Mn_2GeO_4 . Nature Communications, 2017, 8, 15457.	12.8	17
64	Phase transition and domain formation in ferroaxial crystals. Physical Review Materials, 2021, 5, .	2.4	17
65	First-order ferroelastic transition in a magnetoelectric multiferroic: CuCrO_2 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2013, 88, .	3.2	15
66	Magnetic field induced ferroelectric transition of quasi one-dimensional frustrated quantum spin chain system $\text{Rb}_2\text{Cu}_2\text{Mo}_3\text{O}_{12}$. Journal of Applied Physics, 2013, 113, 17D910.	2.5	15
67	Capacitive detection of magnetostriction, dielectric constant, and magneto-caloric effects in pulsed magnetic fields. Review of Scientific Instruments, 2020, 91, 105103.	1.3	15
68	Magnetoelectric behavior from cluster multipoles in square cupolas: Study of $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ in comparison with Ba and Pb isostr. Physical Review B, 2019, 99, .	3.2	14
69	Dielectric and AC-Calorimetry Measurements of SmMnO_3 under High Pressure. Journal of the Physical Society of Japan, 2012, 81, SB036.	1.6	13
70	Refinement of Crystal Structure of a Magnetoelectric U-Type Hexaferrite $\text{Sr}_4\text{Co}_2\text{Fe}_{36}\text{O}_{60}$. Journal of the Physical Society of Japan, 2013, 82, 025003.	1.6	13
71	Electric-Field-Induced Reorientation of the Magnetic Easy Plane in a Co-Substituted BiFeO_3 Single Crystal. Inorganic Chemistry, 2017, 56, 15171-15177.	4.0	13
72	Crystal-chirality-dependent control of magnetic domains in a time-reversal-broken antiferromagnet. Npj Quantum Materials, 2021, 6, .	5.2	13

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73	Magnetic structural unit with convex geometry: A building block hosting an exchange-striction-driven magnetoelectric coupling. <i>Physical Review Materials</i> , 2018, 2, .	2.4	13
74	Bayesian inference of metal oxide ultrathin film structure based on crystal truncation rod measurements. <i>Journal of Applied Crystallography</i> , 2017, 50, 1611-1616.	4.5	13
75	Microscopy of magnetic transition in a layered manganite $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($x=0.32$). <i>Physical Review B</i> , 2005, 71, .	3.2	12
76	Spatial coherence of the insulating phase in quasi-two-dimensional LaNiO_3 films. <i>Physical Review B</i> , 2018, 98, .	3.2	12
77	MOVPE growth and characterization of high-N content InGaPN alloy lattice-matched to GaP. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 2773-2777.	0.8	11
78	Magnetic structure and effect of magnetic field on its domain structure in magnetoelectric $\text{Ba}_{1.3}\text{Sr}_{0.7}\text{CoZnFe}_{11}\text{AlO}_{22}$. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	11
79	Magnetic structure of $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$ probed using spherical neutron polarimetry. <i>Physical Review B</i> , 2017, 96, .	3.2	11
80	Surface lattice dynamics of layered transition metal oxides: Sr_2RuO_4 and $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. <i>Physical Review B</i> , 2003, 67, .	3.2	10
81	Soft x-ray resonant diffraction study of magnetic structure in magnetoelectric Y-type hexaferrite. <i>Physica B: Condensed Matter</i> , 2018, 536, 118-121.	2.7	10
82	Local electric-field control of multiferroic spin-spiral domains in TbMnO_3 . <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	10
83	Visualizing rotation and reversal of the Néel vector through antiferromagnetic trichroism. <i>Nature Communications</i> , 2022, 13, 697.	12.8	10
84	Interplay between Charge and Magnetic Orderings in YbPd . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 084706.	1.6	9
85	Room-temperature magnetoelectric effect in a chiral smectic liquid crystal. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	9
86	Observation of collinear antiferromagnetic domains making use of the circular dichroic charge-magnetic interference effect of resonant x-ray diffraction. <i>Physical Review B</i> , 2018, 98, .	3.2	9
87	Magnetoelectric Behaviors in Magnetic-Field-Induced Phases of $\text{Pb}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 093707.	1.6	8
88	Insights into magnetoelectric coupling mechanism of the room-temperature multiferroic $\text{Sr}_3\text{Co}_2\text{Fe}_2\text{O}_{41}$ from domain observation. <i>Physical Review B</i> , 2019, 100, .	3.2	8
89	Domain switching and exchange bias control by electric field in the multiferroic conical magnet $M_n\text{Ge}_m\text{O}_4$. <i>Physical Review B</i> , 2020, 102, .	3.2	8
90	Resonant X-ray Study on the Bi-Layered Perovskite Mn Oxide $\text{LaSr}_2\text{Mn}_2\text{O}_7$. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 618-626.	1.6	7

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91	Second Harmonic Generation Spectroscopy and Domain Imaging of the High-Temperature Multiferroic CuO. Journal of the Physical Society of Japan, 2012, 81, 124714.	1.6	7
92	Lattice distortion accompanied by magnetization reversal in A-type antiferromagnetic manganites. Physical Review B, 2012, 85, .	3.2	7
93	Structural investigation of magnetocapacitive SmMnO_3 . Journal of the Ceramic Society of Japan, 2013, 121, 265-267.	1.1	7
94	Low-Temperature High-Resolution Solid-State (cryoMAS) NMR of Han Purple $\text{BaCuSi}_2\text{O}_6$. Applied Magnetic Resonance, 2014, 45, 1253-1260.	1.2	7
95	Confirmation of no Structural and Chemical Changes in Curie Temperature Variable Co Ultrathin Films by Electric Field. Zeitschrift Fur Physikalische Chemie, 2016, 230, .	2.8	7
96	Quadrupole moments in chiral material DyFe_3Mn_3 by resonant x-ray diffraction. Physical Review B, 2016, 93, .	1.2	7
97	Improved room-temperature magnetoelectric effect and crystal structure in polycrystalline $\text{BaSrCo}_2\text{Fe}_{11}\text{AlO}_{22}$. Applied Physics Letters, 2021, 118, .	3.3	7
98	Potential room-temperature multiferroicity in cupric oxide under high pressure. Physical Review B, 2021, 103, .	3.2	7
99	Limitations on the extent of off-center displacements in TbMnO_3 from EXAFS measurements. Physical Review B, 2007, 76, .	3.2	6
100	Interfacial Structure of Manganite Superlattice. Journal of the Physical Society of Japan, 2011, 80, 073601.	1.6	6
101	Structural deformation of the $\text{S}_{\text{KVO}}\text{Mn}_3\text{O}_{19}$ kagome-lattice compound. Physical Review B, 2017, 95, .	3.2	6
102	Observation of Ferrochiral Transition Induced by an Antiferroaxial Ordering of Antipolar Structural Units in $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. Journal of the American Chemical Society, 2021, 143, 3638-3646.	13.7	6
103	High-Magnetic-Field Effect on Interplay between Sm^{4f} and Mn^{3d} Moments in SmMnO_3 . Journal of the Physical Society of Japan, 2012, 81, 013703.	1.6	5
104	Magnetoelectric Glass Nature in Magnetoplumbite-Type $\text{BaCo}_6\text{Ti}_6\text{O}_{19}$. Journal of the Physical Society of Japan, 2016, 85, 033707.	1.6	5
105	Synthesis, Structure, and Anomalous Magnetic Ordering of the Spin-1/2 Coupled Square Tetramer System $\text{K}(\text{NbO})\text{Cu}_4(\text{PO}_4)_4$. Inorganic Chemistry, 2020, 59, 10986-10995.	4.0	5
106	Spin dynamics in the multiferroic materials (invited). Journal of Applied Physics, 2012, 111, 07E137.	2.5	4
107	Emergent spin-1 Haldane gap and ferroelectricity in a frustrated spin- $\frac{1}{2}$ ladder. Physical Review B, 2020, 101, .	3.4	4
108	Femtometer atomic displacement, the root cause for multiferroic behavior of CuO unearthed through polarized Raman spectroscopy. Journal of Physics Condensed Matter, 2021, 33, 12LT01.	1.8	4

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109	Optical excitation of electromagnons in hexaferrite. <i>Physical Review Research</i> , 2022, 4, .	3.6	4
110	Barium hexaferrite/muscovite heteroepitaxy with mechanically robust perpendicular magnetic anisotropy. <i>Npj Flexible Electronics</i> , 2021, 5, .	10.7	4
111	Magnetic structure of the square cupola compound Ba(TiO)Cu ₄ (PO ₄) ₄ . <i>Physical Review B</i> , 2020, 101, .	3.2	3
112	Nonreciprocal Directional Dichroism in a Magnetic-Field-Induced Ferroelectric Phase of Pb(TiO)Cu ₄ (PO ₄) ₄ . <i>Journal of the Physical Society of Japan</i> , 2021, 90, .	1.6	3
113	Nonreciprocal linear dichroism observed in electron spin resonance spectra of the multiferroic $\text{Pb}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. <i>Physical Review Research</i> , 2021, 3, .	3.6	3
114	Anisotropic magnetic domain structure of layered manganite La _{1.4} Sr _{1.6} Mn ₂ O ₇ . <i>Applied Physics Letters</i> , 2001, 78, 2023-2025.	3.3	2
115	Magnetic-field induced broadband THz absorption change in a multiferroic hexaferrite at room temperature. , 2011, , .		2
116	Interface structure of the rubrene crystal field effect transistor. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	2
117	Magnetolectricity in the Structurally Chiral and Polar Antiferromagnet $\text{Pb}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 033705.	1.6	2
118	Microscopic Observation of Degradation of LaNiO ₃ Ultrathin Films Caused by Air Exposure. <i>E-Journal of Surface Science and Nanotechnology</i> , 2016, 14, 14-16.	0.4	2
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