Wenhai Song

List of Publications by Year
in descending order

149 papers	3,434 citations	126907 33 h-index	197818 49 g-index
150 all docs	150 docs citations	150 times ranked	4521 citing authors

#	Article	IF	Citations
1	Highly Ambient-Stable 1T-MoS₂ and 1T-WS₂ by Hydrothermal Synthesis under High Magnetic Fields. ACS Nano, 2019, 13, 1694-1702.	14.6	131
2	Superconductivity induced by Se-doping in layered charge-density-wave system 1T-TaS2â^'xSex. Applied Physics Letters, 2013, 102, .	3.3	118
3	Magnetocaloric effect and Griffiths-like phase in La0.67Sr0.33MnO3 nanoparticles. Journal of Applied Physics, 2008, 104, .	2.5	111
4	Tricritical behavior of the two-dimensional intrinsically ferromagnetic semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CrGeTe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	3.2	103
5	Extremely large magnetoresistance in the type-II Weyl semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi>Te</mml:mi> Physical Review B, 2016, 94, .	3.2	101
6	Role of rare earth ions in the magnetic, magnetocaloric and magnetoelectric properties of RCrO₃ (R = Dy, Nd, Tb, Er) crystals. Journal of Materials Chemistry C, 2016, 4, 11198-11204.	5.5	85
7	Multiferroicity and magnetoelectric coupling enhanced large magnetocaloric effect in DyFe0.5Cr0.5O3. Applied Physics Letters, 2014, 104, .	3.3	78
8	Nature of charge density waves and superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>1</mml:mn><mml:mrow><mml:mi>T</mml:mi> Physical Review B, 2016, 94, .	3.2	77
9	Ultrahigh energy storage in lead-free BiFeO3/Bi3.25La0.75Ti3O12 thin film capacitors by solution processing. Applied Physics Letters, 2018, 112, .	3.3	74
10	Magnetic and dielectric properties of Aurivillius phase Bi6Fe2Ti3O18 and the doped compounds. Applied Physics Letters, 2012, 101, .	3.3	72
11	Thicknessâ€Dependent Dielectric, Ferroelectric, and Magnetodielectric Properties of <scp><scp>BiFeO₃</scp></scp> Thin Films Derived by Chemical Solution Deposition. Structural, magnetic, and EPR studies of the Aurivillius phase Bi<mml:math	3.8	67
12	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>6</mml:mn></mml:msub></mml:math>Fe<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>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>	3.2	58
13	Bi3.25La0.75Ti3O12 thin film capacitors for energy storage applications. Applied Physics Letters, 2017, 111, .	3.3	57
14	Magnetic and dielectric properties of Aurivillius phase Bi6Fe2Ti3â^'2xNbxCoxO18 (0â€‰â‰¤â€‰xâ€‰â‰¤â€‰0.4). Applied Physics Letters, 2014, 104, .	3.3	55
15	Planar Hall effect in the type-II Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>d</mml:mi></mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	54
16	Lead-free A₂Bi₄Ti₅O₁₈ thin film capacitors (A = Ba and) Tj ETQq0 0 0 rgBT /Overloc Materials Chemistry C, 2019, 7, 1888-1895.	5.5	54
17	Spin-glass behavior and zero-field-cooled exchange bias in a Cr-based antiperovskite compound PdNCr₃. Journal of Materials Chemistry C, 2015, 3, 5683-5696.	5.5	53
18	Effect of Li substitution on the crystal structure and magnetoresistance of LaMnO3. Journal of Applied Physics, 2000, 88, 5915-5919.	2.5	52

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19	Enhanced Thermoelectric Performance and Room-Temperature Spin-State Transition of Co⁴⁺ Ions in the Ca₃Co_{4â€“x}Rh_xO₉ System. Journal of Physical Chemistry C, 2013, 117, 11459-11470.	3.1	51
20	Manipulating charge density wave order in monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mo>â€™</mml:m by strain and charge doping: A first-principles investigation. Physical Review B, 2017, 96, .	3.2	49
21	Critical behavior of two-dimensional intrinsically ferromagnetic semiconductor CrI3. Applied Physics Letters, 2018, 112, .	3.3	47
22	Preparation and characterization of CuAlO2 transparent thin films prepared by chemical solution deposition method. Journal of Sol-Gel Science and Technology, 2010, 53, 641-646.	2.4	44
23	Magnetic and transport properties in the Ti doped cobaltite Ca3Co4â€™xTixO9 (0â©½xâ©½0.8) single crystals. Journal of Applied Physics, 2006, 99, 073906.	2.5	42
24	Reversible room-temperature magnetocaloric effect with large temperature span in antiperovskite compounds Ga1â€™xCMn3+x (x=, 0.06, 0.07, and 0.08). Journal of Applied Physics, 2009, 105, .	2.5	41
25	Magnetocaloric effect and influence of Fe/Cr disorder on the magnetization reversal and dielectric relaxation in RFe0.5Cr0.5O3 systems. Applied Physics Letters, 2017, 110, .	3.3	40
26	La_{2/3}Sr_{1/3}VO₃ Thin Films: A New pâ€Type Transparent Conducting Oxide with Very High Figure of Merit. Advanced Electronic Materials, 2018, 4, 1700476.	5.1	40
27	Structural, magnetic, and transport properties in thePr-doped manganitesLa0.9â€™xPrxTe0.1MnO3(0â©½xâ©½0.9). Physical Review B, 2004, 70, .	3.2	39
28	Facile chemical solution synthesis of p-type delafossite Ag-based transparent conducting AgCrO₂ films in an open condition. Journal of Materials Chemistry C, 2017, 5, 1885-1892.	5.5	39
29	Colossal negative thermal expansion with an extended temperature interval covering room temperature in fine-powdered Mn0.98CoGe. Applied Physics Letters, 2016, 109, .	3.3	38
30	Energy storage properties in BaTiO3-Bi3.25La0.75Ti3O12 thin films. Applied Physics Letters, 2018, 113, .	3.3	38
31	Chemical Solution Route for Highâ€Quality Multiferroic BiFeO₃ Thin Films. Small, 2021, 17, e1903663.	10.0	38
32	Structural, magnetic, and transport properties of theCu-doped manganiteLa0.85Te0.15Mn1â€™xCuxO3(0â©½xâ©½0.20). Physical Review B, 2004, 70, .	3.2	36
33	Temperature-Induced Lifshitz Transition and Possible Excitonic Instability in ZrSiSe. Physical Review Letters, 2020, 124, 236601.	7.8	34
34	Giant room-temperature barocaloric effect at the electronic phase transition in Ni_{1â€™x}Fe_xS. Materials Horizons, 2020, 7, 2690-2695.	12.2	33
35	The influence of Cr doping on the charge-ordering state in bilayered LaSr2Mn2O7. Journal of Applied Physics, 2004, 96, 4965-4969.	2.5	30
36	Strong Electronâ€“Phonon Coupling in the Excitonic Insulator Ta₂NiSe₅. Inorganic Chemistry, 2019, 58, 9036-9042.	4.0	29

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37	Anisotropic magnetic entropy change in the hard ferromagnetic semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 100, .	3.2	29
38	Colossal and reversible barocaloric effect in liquid-solid-transition materials n-alkanes. Nature Communications, 2022, 13, 596.	12.8	29
39	Origin of the turn-on phenomenon in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>d</mml:mi></mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	3.2	27
40	Annealing temperature effects on (111)-oriented BiFeO₃thin films deposited on Pt/Ti/SiO₂/Si by chemical solution deposition. Journal of Materials Chemistry C, 2015, 3, 10742-10747.	5.5	26
41	BiFeO₃(00l)/LaNiO₃/Si thin films with enhanced polarization: an all-solution approach. RSC Advances, 2016, 6, 78629-78635.	3.6	26
42	Annealing Effects on Semitransparent and Ferromagnetic ZnFe₂O₄ Nanostructured Films by Solâ€“Gel. Journal of the American Ceramic Society, 2011, 94, 2872-2877.	3.8	25
43	Enhanced remnant polarization in ferroelectric Bi₆Fe₂Ti₃O₁₈ thin films. CrystEngComm, 2015, 17, 1609-1614.	2.6	25
44	Room-temperature angular-dependent topological Hall effect in chiral antiferromagnetic Weyl semimetal Mn3Sn. Applied Physics Letters, 2019, 115, .	3.3	25
45	Structural, magnetic and dielectric properties of the Aurivillius phase Bi₆Fe_{2â^'x}Mn_xTi₃O₁₈ (0 â‰¤ x â‰¤ 0.8). RSC Advances, 2014, 4, 46704-46709.	3.6	23
46	Influence ofCodoping on the charge-ordering state of the bilayered manganiteLaSr2Mn2O7. Physical Review B, 2004, 70, .	3.2	22
47	Magnetic and transport properties of the Co-doped manganite La0.7Sr0.3Mn1-xCoxO3 (0 â‰¤x â‰¤ 0.5). Physica Status Solidi (B): Basic Research, 2005, 242, 1719-1727.	1.5	22
48	Dielectric relaxations and magnetodielectric response in BiMn2O5 single crystal. Applied Physics Letters, 2013, 103, .	3.3	22
49	Superconductivity in CaSn₃ single crystals with a AuCu₃-type structure. Journal of Materials Chemistry C, 2015, 3, 11432-11438.	5.5	22
50	Origin of the structural phase transition in single-crystal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TaT</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	22
51	Origin of the extremely large magnetoresistance in topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>PtS</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	21
52	Solutionâ€Processable Epitaxial Metallic Delafossite Oxide Films. Advanced Functional Materials, 2020, 30, 2002375.	14.9	21
53	The observation of a positive magnetoresistance and close correlation among lattice, spin, and charge around TC in antipervoskite SnCMn3. Journal of Applied Physics, 2009, 106, .	2.5	20
54	The contribution of narrow band and modulation of thermoelectric performance in doped layered cobaltites Bi2Sr2Co2Oy. Applied Physics Letters, 2012, 100, .	3.3	20

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55	Spin-orbit coupling enhanced superconductivity in Bi-rich compounds ABi3 (Aâ€‰=â€‰Sr and Ba). Scientific Reports, 2016, 6, 21484.	3.3	20
56	Exchange bias in the layered cobaltite Sr1.5Pr0.5CoO4. Journal of Applied Physics, 2008, 104, 023914.	2.5	19
57	Magnetic anomaly around orbital ordering in FeCr2S4. Journal of Applied Physics, 2011, 109, 07E144.	2.5	19
58	Anomalous Hall effect in two-dimensional non-collinear antiferromagnetic semiconductor Cr0.68Se. Applied Physics Letters, 2017, 111, .	3.3	19
59	Growth, Microstructures, and Optoelectronic Properties of Epitaxial BaSn_{1â€“x}Sb_xO_{3â^Î´} Thin Films by Chemical Solution Deposition. ACS Applied Energy Materials, 2018, 1, 1585-1593.	5.1	19
60	Chiral charge density waves induced by Ti-doping in 1T-TaS2. Applied Physics Letters, 2021, 118, .	3.3	19
61	Effect of oxidation treatment and surface filming on hydrogen degassing from TiH2. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 1998, 29, 1315-1319.	2.1	18
62	Exotic reinforcement of thermoelectric power driven by Ca doping in layered Bi2Sr2â^'xCaxCo2Oy. Applied Physics Letters, 2013, 102, 141907.	3.3	18
63	Thickness Dependence of Dielectric, Leakage, and Ferroelectric Properties of Bi₆Fe₂Ti₃O₁₈ Thin Films Derived by Chemical Solution Deposition. Journal of the American Ceramic Society, 2014, 97, 3857-3863.	3.8	18
64	Magnetoelectric and Raman spectroscopic studies of monocrystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MnC</mml:mi><mml:msub><mml:mi mathvariant="normal">r</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>. Physical Review B, 2018, 97, .	3.2	18
65	Critical behavior in the itinerant ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>AsNC</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> with tetragonal antiperovskite structure. Physical Review B, 2018, 98, .	3.2	18
66	Exploring High-Performance <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>p</mml:mi></mml:math> -Type Transparent Conducting Oxides Based on Electron Correlation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.8	18
67	Observation of the large orbital entropy in Zn-doped orbital-spin-coupled system MnV2O4. Applied Physics Letters, 2010, 96, .	3.3	17
68	Vertical La0.7Ca0.3MnO3 nanorods tailored by high magnetic field assisted pulsed laser deposition. Scientific Reports, 2016, 6, 19483.	3.3	17
69	Crossover of thermal expansion from positive to negative by removing the excess fluorines in cubic ReO₃-type TiZrF_{7â^'x}. Journal of Materials Chemistry C, 2018, 6, 5148-5152.	5.5	17
70	Unveiling the mechanisms of metal-insulator transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : The role of trigonal distortion. Physical Review B, 2021, 103, .	3.2	17
71	Influence of La doping on the properties of molybdenum perovskite Sr1â€“xLaxMoO3 (0 â‰¤x â‰¤ 0.2). Physica Status Solidi (B): Basic Research, 2006, 243, 1331-1336.	1.5	16
72	Observation of the large magnetocaloric effect and suppression of orbital entropy change in Fe-doped MnV2O4. Journal of Applied Physics, 2014, 115, 034903.	2.5	16

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73	Self-assembled c-axis oriented antiperovskite soft-magnetic CuNCo₃ thin films by chemical solution deposition. Journal of Materials Chemistry C, 2015, 3, 4438-4444.	5.5	16
74	Magnetic anisotropy and anomalous Hall effect in monoclinic single crystal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Te</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	16
75	Superconducting and Topological Properties in Centrosymmetric PbTaS₂ Single Crystals. Journal of Physical Chemistry C, 2020, 124, 6349-6355.	3.1	16
76	CuSe-based layered compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Bi</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">YO</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">Cu</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">Se</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>as a p	3.2	15
77	Room temperature multiferrocity and magnetodielectric properties of ternary (1-x)(0.94Bi0.5Na0.5TiO3-0.06BaTiO3)-xBiFeO3 (0 â‰¤ x â‰¤ 0.9) solid solutions. Applied Physics Letters, 2017, 111, .	3.3	15
78	Field-induced topological Hall effect in antiferromagnetic axion insulator candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuIn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Research, 2022, 4, .	3.6	15
79	Chemical Solution Deposition of Transparent and Metallic La0.5Sr0.5TiO3+x/2Films Using Topotactic Reduction. Journal of the American Ceramic Society, 2009, 92, 800-804.	3.8	14
80	Individualâ€Layer Thickness Effects on the Preferred câ€Axisâ€Oriented BiFeO₃ Films by Chemical Solution Deposition. Journal of the American Ceramic Society, 2010, 93, 1682-1687.	3.8	14
81	Enhanced Electron Correlation in the Inâ€doped Misfitâ€Layered Cobaltite <scp><scp>Ca</scp></scp>₃<scp><scp>Co</scp></scp>₄<scp><scp>O</scp></scp>₉ Ceramics. Journal of the American Ceramic Society, 2013, 96, 791-797.	3.8	14
82	Facile chemical solution deposition of nanocrystalline CrN thin films with low magnetoresistance. RSC Advances, 2014, 4, 12568-12571.	3.6	14
83	BiFeO₃ thin films prepared on metallic Ni tapes by chemical solution deposition: effects of annealing temperature and a La_{0.5}Sr_{0.5}TiO₃ buffer layer on the dielectric, ferroelectric and leakage properties. RSC Advances, 2014, 4, 32738-32743.	3.6	14
84	Electric dipoles via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msup><mml:mrow><mml:mi mathvariant="normal">r</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math> ion off-center displacement in perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mro. Physical Review B, 2018, 98, .	3.2	14
85	A new routine to fabricate Bi single crystalline tapering junction nanowire arrays. Applied Physics A: Materials Science and Processing, 2005, 80, 1053-1055.	2.3	13
86	Thermal history dependent photoconductivity in Pr0.5Sr0.5MnO3 thin film. Journal of Applied Physics, 2009, 106, .	2.5	13
87	Study of negative thermal expansion in the frustrated spinel ZnCr2Se4. Journal of Applied Physics, 2014, 115, 083916.	2.5	13
88	Resistivity plateau and large magnetoresistance in the charge density wave system TaTe4. Applied Physics Letters, 2017, 110, .	3.3	13
89	High-contrast, reversible change of thermal conductivity in hexagonal nickel-iron sulfides. Acta Materialia, 2021, 208, 116709.	7.9	13
90	Remarkable current-enhanced photoconductivity in oxygen-deficient La_{7/8}Sr_{1/8}MnO_{3â^'Î´} thin film. Applied Physics Letters, 2012, 101, 042413.	3.3	12

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91	Strengthening of Thermoelectric Performance via <scp><scp>Ir</scp></scp> Doping in Layered <scp><scp>Ca</scp></scp>₃<scp><scp>Co</scp></scp>₄<scp><scp>O</scp></scp>₉ System. Journal of the American Ceramic Society, 2014, 97, 798-804.		
92	Planar Hall effect in the quasi-one-dimensional topological superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ta</mml:mi><mml:msub><mml:mi>S</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m Physical Review B, 2021, 104, .		
93	Comparative study of the structural, optical, and electrical properties of CuAlO2 thin films on Al2O3 and YSZ substrates via chemical solution deposition. Journal of Sol-Gel Science and Technology, 2011, 58, 12-17.	2.4	11
94	Magnetic evolution of spinel Mn1â^'xZnxCr2O4 single crystals. RSC Advances, 2016, 6, 56839-56844.	3.6	11
95	Magnetic field induced formation of ferroelectric Î² phase of poly (vinylidene fluoride). Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	11
96	The giant planar Hall effect and anisotropic magnetoresistance in Dirac node arcs semimetal PtSn₄. Journal of Physics Condensed Matter, 2020, 32, 315702.	1.8	11
97	Mn doping-induced semiconducting behavior in the perovskite molybdates SrMo1â^'xMnxO3(0â‰¤xâ‰¤0.20). Journal of Applied Physics, 2007, 102, 103903.	2.5	10
98	Structural, piezoelectric, multiferroic and magnetoelectric properties of (1-x)BiFeO3-xBa1-ySryTiO3 solid solutions. Journal of Electroceramics, 2020, 44, 256-264.	2.0	10
99	Giant reversible barocaloric effect with low hysteresis in antiperovskite PdNMn3 compound. Scripta Materialia, 2021, 203, 114049.	5.2	10
100	Unipolar resistive switching characteristics and scaling behaviors in La2Mo2O9 thin films for nonvolatile memory applications. Journal of Applied Physics, 2016, 120, 215303.	2.5	9
101	Tuning of conductive type and magnetic properties of Ca₃Co₂O₆ ceramics through Pbâ€doping. Journal of the American Ceramic Society, 2017, 100, 3589-3598.	3.8	9
102	p-type transparent conductivity in high temperature superconducting Bi-2212 thin films. Applied Physics Letters, 2018, 112, .	3.3	9
103	Study of ferromagnetism in Mn-doped ZnO whisker arrays. Bulletin of Materials Science, 2008, 31, 121-124.	1.7	8
104	Critical behavior of the spinel CdCr2S4. Journal of Applied Physics, 2009, 106, 113920.	2.5	8
105	Anomalous Hall effect in tetragonal antiperovskite GeNFe₃ with a frustrated ferromagnetic state. RSC Advances, 2016, 6, 104433-104437.	3.6	8
106	Large Positive Thermal Expansion and Small Band Gap in Double-ReO₃-Type Compound NaSbF₆. Inorganic Chemistry, 2017, 56, 4990-4995.	4.0	8
107	Origin of the large magnetoresistance in the candidate chiral superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:msub><mml:mi>H</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	8
108	Microstructural Engineering of Solution-Processed Epitaxial La-Doped BaSnO₃ Transparent Conducting Films. Crystal Growth and Design, 2021, 21, 5800-5806.	3.0	8

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109	Intrinsic phase separation in a single crystal of La0.98Pb0.02Mn0.74Co0.25O3. Journal of Applied Physics, 2009, 105, 013917.	2.5	7
110	Renormalized bands and low-temperature colossal thermopower induced by Ir doping in Ca3Co4O9 system. Journal of Applied Physics, 2013, 114, .	2.5	7
111	Enhancement of thermoelectric power in layered Bi2Sr2Co2â^'x Ir x O y single crystals. Journal of Materials Science, 2014, 49, 4636-4642.	3.7	7
112	Effects of Cr Substitution on Negative Thermal Expansion and Magnetic Properties of Antiperovskite Ga1â^'xCrxN0.83Mn3 Compounds. Frontiers in Chemistry, 2018, 6, 75.	3.6	7
113	Epitaxial Growth by Chemical Solution Deposition of (110) NdNiO_{3â^'Î´} Films with a Sharp Metalâ^'Insulator Transition Annealed under Ambient Oxygen. Crystal Growth and Design, 2010, 10, 4682-4685.	3.0	6
114	Annealing induced colossal magnetocapacitance and colossal magnetoresistance in In-doped CdCr2S4. Journal of Applied Physics, 2012, 112, .	2.5	6
115	Surface modification effects on coercivity of the CoFe2O4 thin films with different thickness La0.7Sr0.3MnO3 layers. Journal of Applied Physics, 2017, 121, 245305.	2.5	6
116	Mobility spectrum analytical approach for the type-II Weyl semimetal Td-MoTe2. Applied Physics Letters, 2018, 112, .	3.3	6
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