

# Wenhai Song

## List of Publications by Year in descending order

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149  
papers

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150  
docs citations

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times ranked

4521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Colossal 3D Electrical Anisotropy of MoAlB Single Crystal. <i>Small</i> , 2022, 18, e2104460.	5.2	6
2	p-Type Near-Infrared Transparent Delafossite Thin Films with Ultrahigh Conductivity. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	4
3	Orientation-dependent strain effects on the metal-insulator transitions in $\text{Ta}_2\text{Te}_5$ . <i>Physical Review B</i> , 2022, 105, .	1.1	6
4	Colossal and reversible barocaloric effect in liquid-solid-transition materials n-alkanes. <i>Nature Communications</i> , 2022, 13, 596.	5.8	29
5	Field-induced topological Hall effect in antiferromagnetic axion insulator candidate $\text{Ta}_2\text{Te}_5$ . <i>Physical Review Research</i> , 2022, 4, .	1.1	1
6	Chemical Solution Route for High-Quality Multiferroic $\text{BiFeO}_3$ Thin Films. <i>Small</i> , 2021, 17, e1903663.	5.2	38
7	Unveiling the mechanisms of metal-insulator transitions in $\text{Ta}_2\text{Te}_5$ . <i>Physical Review B</i> , 2021, 103, .	1.1	17
8	High-contrast, reversible change of thermal conductivity in hexagonal nickel-iron sulfides. <i>Acta Materialia</i> , 2021, 208, 116709.	3.8	13
9	Room-temperature multiferrocity and magnetodielectric properties of ternary $\text{BiFeO}_3$ - $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $\text{CaTiO}_3$ ceramics across the rhombohedral-orthorhombic phase boundary. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 11524.	1.1	1
10	Chiral charge density waves induced by Ti-doping in $1-x\text{TaS}_2$ . <i>Applied Physics Letters</i> , 2021, 118, .	1.5	19
11	Enhanced electrical properties in Ce/Mo co-substituted $\text{CaBi}_2\text{Nb}_2\text{O}_9$ high-temperature piezoelectric ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19938-19946.	1.1	2
12	Large Thermal Rectification in a Solid-State Thermal Diode Constructed of Iron-Doped Nickel Sulfide and Alumina. <i>Physical Review Applied</i> , 2021, 16, .	1.5	6
13	Microstructural Engineering of Solution-Processed Epitaxial La-Doped $\text{BaSnO}_3$ Transparent Conducting Films. <i>Crystal Growth and Design</i> , 2021, 21, 5800-5806.	1.4	8
14	Lattice flexibility in $\text{Ca}_7\text{Mn}_7\text{O}_{23}$ : Control of electrical transport via anisotropic magnetostriction. <i>Physical Review B</i> , 2021, 104, .	1.1	3
15	Giant reversible barocaloric effect with low hysteresis in antiperovskite $\text{PdNMn}_3$ compound. <i>Scripta Materialia</i> , 2021, 203, 114049.	2.6	10
16	Planar Hall effect in the quasi-one-dimensional topological superconductor $\text{Ta}_x\text{Te}_{1-x}$ . <i>Physical Review B</i> , 2021, 104, .	1.1	1
17	Effect of $\text{BaO}$ - $2\text{B}_2\text{O}_3$ sintering aid on the structural and electrical properties of $\text{CaBi}_2\text{Nb}_2\text{O}_9$ high-temperature piezoelectric ceramic. <i>Journal of Applied Physics</i> , 2021, 130, .	1.1	6
18	Giant room-temperature barocaloric effect at the electronic phase transition in $\text{Ni}_x\text{Fe}_{1-x}\text{S}$ . <i>Materials Horizons</i> , 2020, 7, 2690-2695.	6.4	33

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19	Structural, piezoelectric, multiferroic and magnetoelectric properties of (1-x)BiFeO <sub>3</sub> -xBa <sub>1-y</sub> Sr <sub>y</sub> TiO <sub>3</sub> solid solutions. <i>Journal of Electroceramics</i> , 2020, 44, 256-264.	0.8	10
20	Magnetic field induced formation of ferroelectric $\hat{1}^2$ phase of poly (vinylidene fluoride). <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	11
21	Magnetic anisotropy and anomalous Hall effect in monoclinic single crystal $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Cr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	1.1	8
22	Origin of the large magnetoresistance in the candidate chiral superconductor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ .	1.1	8
23	Improved ferroelectric, piezoelectric, and magnetic properties in BiFeO <sub>3</sub> (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )TiO <sub>3</sub> ceramics through Mn addition. <i>Journal of Applied Physics</i> , 2020, 128, 164101.	1.1	4
24	Temperature-Induced Lifshitz Transition and Possible Excitonic Instability in ZrSiSe. <i>Physical Review Letters</i> , 2020, 124, 236601.	2.9	34
25	Superconducting and Topological Properties in Centrosymmetric PbTa <sub>2</sub> Single Crystals. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6349-6355.	1.5	16
26	Enhanced multiferroicity in Mn- and Cu-modified 0.7BiFeO <sub>3</sub> (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )TiO <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , 2020, 127, 064102.	1.1	0
27	Solution-Processable Epitaxial Metallic Delafossite Oxide Films. <i>Advanced Functional Materials</i> , 2020, 30, 2002375.	7.8	21
28	The giant planar Hall effect and anisotropic magnetoresistance in Dirac node arcs semimetal PtSn <sub>4</sub> . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 315702.	0.7	11
29	Strong Electron-Phonon Coupling in the Excitonic Insulator Ta <sub>2</sub> NiSe <sub>5</sub> . <i>Inorganic Chemistry</i> , 2019, 58, 9036-9042.	1.9	29
30	Improved optoelectronic properties in solution-processed epitaxial rare-earth-doped BaSnO <sub>3</sub> thin films via grain size engineering. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	6
31	Exploring High-Performance $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -type Transparent Conducting Oxides Based on Electron Correlation in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.3 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.85 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	1.5	18
32	Enhanced ferroelectricity in relaxor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.7 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.3 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.85 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ BT/Overlock 10 Tf 50 227 T	1.1	2
33	Substantially enhanced ferroelectricity in JT ion Cu <sup>2+</sup> -doped Co <sub>1-x</sub> Cu <sub>x</sub> Cr <sub>2</sub> O <sub>4</sub> (0 ≤ x ≤ 0.4). <i>Applied Physics Letters</i> , 2019, 115, 082903.	1.5	4
34	Room-temperature angular-dependent topological Hall effect in chiral antiferromagnetic Weyl semimetal Mn <sub>3</sub> Sn. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	25
35	Anisotropic magnetic entropy change in the hard ferromagnetic semiconductor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ .	1.1	29
36	Lead-free A <sub>2</sub> Bi <sub>4</sub> Ti <sub>5</sub> O <sub>18</sub> thin film capacitors (A = Ba and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T	2.7	54

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37	Structural and magnetic studies of $\text{Co}_{1-x}\text{Ni}_x\text{Cr}_2\text{O}_4$ ( $0 \leq x \leq 1$ ). Journal of Applied Physics, 2019, 125, 203904.	1.1	2
38	Elucidating the origins of the two-dimensional electron gas in $\text{LaVO}_3/\text{SrTiO}_3$ interfaces. Journal of Applied Physics, 2019, 125, .	1.1	3
39	Quantum paraelectricity to dipolar glass transition in Sc doped $\text{BaFe}_2\text{O}_9$ single crystals. Applied Physics Letters, 2019, 115, .	1.5	3
40	Highly Ambient-Stable $1\text{T-MoS}_2$ and $1\text{T-WSe}_2$ by Hydrothermal Synthesis under High Magnetic Fields. ACS Nano, 2019, 13, 1694-1702.	7.3	131
41	Mobility spectrum analytical approach for the type-II Weyl semimetal $\text{Td-MoTe}_2$ . Applied Physics Letters, 2018, 112, .	1.5	6
42	Magnetolectric and Raman spectroscopic studies of monocrystalline $\text{MnCr}_2\text{O}_4$ . Physical Review B, 2018, 97, .	1.1	18
43	Critical behavior of two-dimensional intrinsically ferromagnetic semiconductor $\text{CrI}_3$ . Applied Physics Letters, 2018, 112, .	1.5	47
44	Ultrahigh energy storage in lead-free $\text{BiFeO}_3/\text{Bi}_3.25\text{La}_0.75\text{Ti}_3\text{O}_{12}$ thin film capacitors by solution processing. Applied Physics Letters, 2018, 112, .	1.5	74
45	$\text{La}_{2/3}\text{Sr}_{1/3}\text{VO}_3$ Thin Films: A New $\text{p}$ -type Transparent Conducting Oxide with Very High Figure of Merit. Advanced Electronic Materials, 2018, 4, 1700476.	2.6	40
46	Crossover of thermal expansion from positive to negative by removing the excess fluorines in cubic $\text{ReO}_3$ -type $\text{TiZrF}_7$ . Journal of Materials Chemistry C, 2018, 6, 5148-5152.	2.7	17
47	Transparent Conducting Oxides: $\text{La}_{2/3}\text{Sr}_{1/3}\text{VO}_3$ Thin Films: A New $\text{p}$ -type Transparent Conducting Oxide with Very High Figure of Merit (Adv. Electron. Mater. 3/2018). Advanced Electronic Materials, 2018, 4, 1870016.	2.6	1
48	Growth, Microstructures, and Optoelectronic Properties of Epitaxial $\text{BaSn}_{1-x}\text{Sb}_x\text{O}_3$ Thin Films by Chemical Solution Deposition. ACS Applied Energy Materials, 2018, 1, 1585-1593.	2.5	19
49	Energy storage properties in $\text{BaTiO}_3\text{-Bi}_3.25\text{La}_0.75\text{Ti}_3\text{O}_{12}$ thin films. Applied Physics Letters, 2018, 113, .	1.5	38
50	Negative and positive photodielectric effects in quantum paraelectric $\text{BaFe}_2\text{O}_9$ single crystals. Journal of Materials Chemistry C, 2018, 6, 12707-12713.	2.7	3
51	Origin of the structural phase transition in single-crystal $\text{TaTe}_2$ . Physical Review B, 2018, 98, .	1.1	22
52	Origin of the extremely large magnetoresistance in topological semimetal $\text{PtS}_n$ . Physical Review B, 2018, 97, .	1.1	21
53	$\text{p}$ -type transparent conductivity in high temperature superconducting $\text{Bi-2212}$ thin films. Applied Physics Letters, 2018, 112, .	1.5	9
54	Planar Hall effect in the type-II Weyl semimetal $\text{Td-MoTe}_2$ . Physical Review B, 2018, 98, .	1.1	54

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55	Critical behavior in the itinerant ferromagnet $\text{AsNCr}_3$ with tetragonal-antiperovskite structure. <i>Physical Review B</i> , 2018, 98, .	1.1	18
56	Effects of Cr Substitution on Negative Thermal Expansion and Magnetic Properties of Antiperovskite $\text{Ga}_{1-x}\text{Cr}_x\text{NO}_{0.83}\text{Mn}_3$ Compounds. <i>Frontiers in Chemistry</i> , 2018, 6, 75.	1.8	7
57	Electric dipoles via $\text{Cr}^{3+}$ ion off-center displacement in perovskite $\text{Ca}_{1-x}\text{Sr}_x\text{TiO}_3$ . <i>Physical Review B</i> , 2018, 98, .	1.1	14
58	Facile chemical solution synthesis of p-type delafossite Ag-based transparent conducting $\text{AgCrO}_2$ films in an open condition. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1885-1892.	2.7	39
59	Carrier type change induced by fluorine doping in spin-chain compound $\text{Ca}_3\text{Co}_2\text{O}_6$ . <i>RSC Advances</i> , 2017, 7, 2745-2752.	1.7	5
60	Giant isotropic magnetostrain of $\text{GaCMn}_3$ . <i>Applied Physics Letters</i> , 2017, 110, .	1.5	3
61	Large Positive Thermal Expansion and Small Band Gap in Double- $\text{ReO}_3$ -Type Compound $\text{NaSbF}_6$ . <i>Inorganic Chemistry</i> , 2017, 56, 4990-4995.	1.9	8
62	Magnetocaloric effect and influence of Fe/Cr disorder on the magnetization reversal and dielectric relaxation in $\text{R}_{1-x}\text{Fe}_x\text{Cr}_{0.5}\text{O}_3$ systems. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	40
63	Resistivity plateau and large magnetoresistance in the charge density wave system $\text{TaTe}_4$ . <i>Applied Physics Letters</i> , 2017, 110, .	1.5	13
64	Manipulating charge density wave order in monolayer $\text{CrTe}$ by strain and charge doping: A first-principles investigation. <i>Physical Review B</i> , 2017, 96, .	1.1	49
65	Room temperature multiferrocity and magnetodielectric properties of ternary $(1-x)(0.94\text{Bi}0.5\text{Na}0.5\text{TiO}_3-0.06\text{BaTiO}_3)-x\text{BiFeO}_3$ ( $0 \leq x \leq 0.9$ ) solid solutions. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	15
66	Anomalous Hall effect in two-dimensional non-collinear antiferromagnetic semiconductor $\text{Cr}_0.68\text{Se}$ . <i>Applied Physics Letters</i> , 2017, 111, .	1.5	19
67	Origin of the turn-on phenomenon in $\text{CrTe}$ . <i>Physical Review B</i> , 2017, 96, .	1.1	27
68	Temperature and field induced spin reorientation and dielectric properties in $\text{YCr}_0.88\text{Fe}_0.12\text{O}_3$ single crystal. <i>Applied Physics Letters</i> , 2017, 111, 072402.	1.5	2
69	Tuning of conductive type and magnetic properties of $\text{Ca}_3\text{Co}_2\text{O}_6$ ceramics through $\text{Pb}^{2+}$ doping. <i>Journal of the American Ceramic Society</i> , 2017, 100, 3589-3598.	1.9	9
70	$\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ thin film capacitors for energy storage applications. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	57
71	Surface modification effects on coercivity of the $\text{CoFe}_2\text{O}_4$ thin films with different thickness $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ layers. <i>Journal of Applied Physics</i> , 2017, 121, 245305.	1.1	6
72	Tricritical behavior of the two-dimensional intrinsically ferromagnetic semiconductor $\text{CrGeTe}_3$ . <i>Physical Review B</i> , 2017, 95, .	1.1	103

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73	Vertical La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> nanorods tailored by high magnetic field assisted pulsed laser deposition. Scientific Reports, 2016, 6, 19483.	1.6	17
74	Unipolar resistive switching characteristics and scaling behaviors in La <sub>2</sub> Mo <sub>2</sub> O <sub>9</sub> thin films for nonvolatile memory applications. Journal of Applied Physics, 2016, 120, 215303.	1.1	9
75	Extremely large magnetoresistance in the type-II Weyl semimetal $\text{MoTe}_2$ . Physical Review B, 2016, 94, .		
76	Colossal negative thermal expansion with an extended temperature interval covering room temperature in fine-powdered Mn <sub>0.98</sub> CoGe. Applied Physics Letters, 2016, 109, .	1.5	38
77	Spin-orbit coupling enhanced superconductivity in Bi-rich compounds ABi <sub>3</sub> (A = Sr and Ba). Scientific Reports, 2016, 6, 21484.	1.6	20
78	Nature of charge density waves and superconductivity in $\text{MnTi}_2\text{P}_2$ . Physical Review B, 2016, 94, .		
79	BiFeO <sub>3</sub> (001)/LaNiO <sub>3</sub> /Si thin films with enhanced polarization: an all-solution approach. RSC Advances, 2016, 6, 78629-78635.	1.7	26
80	Anomalous Hall effect in tetragonal antiperovskite GeNFe <sub>3</sub> with a frustrated ferromagnetic state. RSC Advances, 2016, 6, 104433-104437.	1.7	8
81	Role of rare earth ions in the magnetic, magnetocaloric and magnetoelectric properties of RCrO <sub>3</sub> (R = Dy, Nd, Tb, Er) crystals. Journal of Materials Chemistry C, 2016, 4, 11198-11204.	2.7	85
82	Magnetic evolution of spinel Mn <sup>x</sup> Zn <sub>x</sub> Cr <sub>2</sub> O <sub>4</sub> single crystals. RSC Advances, 2016, 6, 56839-56844.	1.7	11
83	Magnetocapacitance in CdCr <sub>1.8</sub> In <sub>0.2</sub> S <sub>4</sub> Single Crystal Annealed in Cadmium Vapor. IEEE Transactions on Magnetism, 2016, 52, 1-4.	1.2	0
84	Multiferroic properties of Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> –BiFe <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.2) solid solution. RSC Advances, 2015, 5, 104210-104215.	1.7	3
85	Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> /polycrystalline Al <sub>2</sub> O <sub>3</sub> : an effective template for c-axis oriented layered cobaltate thin films by chemical solution deposition. RSC Advances, 2015, 5, 17746-17750.	1.7	2
86	Enhanced remnant polarization in ferroelectric Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> thin films. CrystEngComm, 2015, 17, 1609-1614.	1.3	25
87	Self-assembled c-axis oriented antiperovskite soft-magnetic CuNCo <sub>3</sub> thin films by chemical solution deposition. Journal of Materials Chemistry C, 2015, 3, 4438-4444.	2.7	16
88	Spin-glass behavior and zero-field-cooled exchange bias in a Cr-based antiperovskite compound PdNCr <sub>3</sub> . Journal of Materials Chemistry C, 2015, 3, 5683-5696.	2.7	53
89	Annealing temperature effects on (111)-oriented BiFeO <sub>3</sub> thin films deposited on Pt/Ti/SiO <sub>2</sub> /Si by chemical solution deposition. Journal of Materials Chemistry C, 2015, 3, 10742-10747.	2.7	26
90	Superconductivity in CaSn <sub>3</sub> single crystals with a AuCu <sub>3</sub> -type structure. Journal of Materials Chemistry C, 2015, 3, 11432-11438.	2.7	22

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91	Multiferroicity and magnetoelectric coupling enhanced large magnetocaloric effect in DyFe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> . Applied Physics Letters, 2014, 104, .	1.5	78
92	Study of negative thermal expansion in the frustrated spinel ZnCr <sub>2</sub> Se <sub>4</sub> . Journal of Applied Physics, 2014, 115, 083916.	1.1	13
93	Upper critical field and vortex phase diagram of polycrystalline $\hat{\Gamma}$ -Mo <sub>1-x</sub> Zr <sub>x</sub> N thin films by sol-gel. Journal of Applied Physics, 2014, 115, 033905.	1.1	2
94	Observation of the large magnetocaloric effect and suppression of orbital entropy change in Fe-doped MnV <sub>2</sub> O <sub>4</sub> . Journal of Applied Physics, 2014, 115, 034903.	1.1	16
95	Enhancement of thermoelectric power in layered Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> $\hat{\alpha}$ <sup>x</sup> Ir <sub>x</sub> O <sub>y</sub> single crystals. Journal of Materials Science, 2014, 49, 4636-4642.	1.7	7
96	Magnetic and dielectric properties of Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> $\hat{\alpha}$ <sup>2x</sup> Nb <sub>x</sub> Co <sub>x</sub> O <sub>18</sub> (0 $\hat{\alpha}$ <sup>0.4</sup> ). Applied Physics Letters, 2014, 104, .	1.5	55
97	Strengthening of Thermoelectric Performance via Ir Doping in Layered Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> System. Journal of the American Ceramic Society, 2014, 97, 798-804.		
98	Structural, magnetic and dielectric properties of the Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> $\hat{\alpha}$ <sup>x</sup> Mn <sub>x</sub> Ti <sub>3</sub> O <sub>18</sub> (0 $\hat{\alpha}$ <sup>x</sup> 0.8). RSC Advances, 2014, 4, 46704-46709.	1.7	23
99	Facile chemical solution deposition of nanocrystalline CrN thin films with low magnetoresistance. RSC Advances, 2014, 4, 12568-12571.	1.7	14
100	CuSe-based layered compound $YO_4Mn_2Cu_{15}Se_2$		
101	BiFeO <sub>3</sub> thin films prepared on metallic Ni tapes by chemical solution deposition: effects of annealing temperature and a La <sub>0.5</sub> Sr <sub>0.5</sub> TiO <sub>3</sub> buffer layer on the dielectric, ferroelectric and leakage properties. RSC Advances, 2014, 4, 32738-32743.	1.7	14
102	Thickness Dependence of Dielectric, Leakage, and Ferroelectric Properties of Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> Thin Films Derived by Chemical Solution Deposition. Journal of the American Ceramic Society, 2014, 97, 3857-3863.	1.9	18
103	Superconductivity induced by Se-doping in layered charge-density-wave system 1T-TaS <sub>2</sub> Se <sub>x</sub> . Applied Physics Letters, 2013, 102, .	1.5	118
104	Exotic reinforcement of thermoelectric power driven by Ca doping in layered Bi <sub>2</sub> Sr <sub>2</sub> $\hat{\alpha}$ <sup>x</sup> Ca <sub>x</sub> Co <sub>2</sub> O <sub>y</sub> . Applied Physics Letters, 2013, 102, 141907.	1.5	18
105	Enhanced Thermoelectric Performance and Room-Temperature Spin-State Transition of Co <sup>4+</sup> Ions in the Ca <sub>3</sub> Co <sub>4</sub> $\hat{\alpha}$ <sup>x</sup> Rh <sub>x</sub> O <sub>9</sub> System. Journal of Physical Chemistry C, 2013, 117, 11459-11470.	1.5	51
106	Dielectric relaxations and magnetodielectric response in BiMn <sub>2</sub> O <sub>5</sub> single crystal. Applied Physics Letters, 2013, 103, .	1.5	22
107	Renormalized bands and low-temperature colossal thermopower induced by Ir doping in Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> system. Journal of Applied Physics, 2013, 114, .	1.1	7
108	Enhanced Electron Correlation in the In-doped Misfit Layered Cobaltite Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Ceramics. Journal of the American Ceramic Society, 2013, 96, 791-797.		

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109	The contribution of narrow band and modulation of thermoelectric performance in doped layered cobaltites Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> O <sub>y</sub> . Applied Physics Letters, 2012, 100, .	1.5	20
110	Annealing induced colossal magnetocapacitance and colossal magnetoresistance in In-doped CdCr <sub>2</sub> S <sub>4</sub> . Journal of Applied Physics, 2012, 112, .	1.1	6
111	Observation of the Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> thin film. Applied Physics Letters, 2012, 101, 042413.	1.1	58
112	Remarkable current-enhanced photoconductivity in oxygen-deficient La <sub>7/8</sub> Sr <sub>1/8</sub> MnO <sub>3</sub> thin film. Applied Physics Letters, 2012, 101, 042413.	1.5	12
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