

# Jie Yang

## List of Publications by Year in descending order

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147801

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166  
docs citations

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times ranked

3103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipolar resistive switching with self-rectifying effects in Al/ZnO/Si structure. Journal of Applied Physics, 2012, 111, .	2.5	112
2	Role of rare earth ions in the magnetic, magnetocaloric and magnetoelectric properties of $\text{RCrO}_3$ (R = Dy, Nd, Tb, Er) crystals. Journal of Materials Chemistry C, 2016, 4, 11198-11204.	5.5	85
3	Giant magnetocaloric effect and temperature induced magnetization jump in $\text{GdCrO}_3$ single crystal. Journal of Applied Physics, 2015, 117, .	2.5	80
4	Critical behavior in Ti-doped manganites $\text{LaMn}_{1-x}\text{Ti}_x\text{O}_3$ (0.05 $\leq x \leq$ 0.2). Applied Physics Letters, 2007, 91, .	3.3	79
5	Multiferroicity and magnetoelectric coupling enhanced large magnetocaloric effect in $\text{DyFe}_0.5\text{Cr}_0.5\text{O}_3$ . Applied Physics Letters, 2014, 104, .	3.3	78
6	Critical behavior of the electron-doped manganite $\text{La}_{0.9}\text{Te}_{0.1}\text{Mn}_3\text{O}_7$ . Applied Physics Letters, 2014, 104, .	3.2	76
7	Dielectric responses and scaling behaviors in Aurivillius $\text{Bi}_6\text{Ti}_3\text{Fe}_2\text{O}_{18}$ multiferroic thin films. Applied Physics Letters, 2012, 100, .	3.3	75
8	Multiferroic properties of Aurivillius phase $\text{Bi}_6\text{Fe}_2\text{CoTi}_3\text{O}_{18}$ thin films prepared by a chemical solution deposition route. Applied Physics Letters, 2012, 101, 122402.	3.3	74
9	Ultrahigh energy storage in lead-free $\text{BiFeO}_3/\text{Bi}_{0.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ thin film capacitors by solution processing. Applied Physics Letters, 2018, 112, .	3.3	74
10	Magnetic and dielectric properties of Aurivillius phase $\text{Bi}_6\text{Fe}_2\text{Ti}_3\text{O}_{18}$ and the doped compounds. Applied Physics Letters, 2012, 101, .	3.3	72
11	Electrical, magnetic, and optical properties in multiferroic $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ thin films prepared by a chemical solution deposition route. Journal of Applied Physics, 2011, 109, .	2.5	62
12	Structural, magnetic, and EPR studies of the Aurivillius phase $\text{Bi}_6\text{Fe}_2\text{Ti}_3\text{O}_{18}$ . Applied Physics Letters, 2012, 101, 122402.	3.2	58
13	Lead-free $\text{Bi}_{0.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ thin film capacitors for energy storage applications. Applied Physics Letters, 2017, 111, .	3.3	57
14	Magnetic and dielectric properties of Aurivillius phase $\text{Bi}_6\text{Fe}_2\text{Ti}_3\text{NbCoO}_{18}$ ( $0 \leq x \leq 0.4$ ). Applied Physics Letters, 2014, 104, .	3.3	55
15	Lead-free $\text{A}_2\text{Bi}_4\text{Ti}_5\text{O}_{18}$ thin film capacitors (A = Ba and) Tj ETQq1 1 0.784314 rg. Materials Chemistry C, 2019, 7, 1888-1895.	5.5	54
16	Structural analysis of perovskite $\text{LaCr}_{1-x}\text{Ni}_x\text{O}_3$ by Rietveld refinement of X-ray powder diffraction data. Acta Crystallographica Section B: Structural Science, 2008, 64, 281-286.	1.8	53
17	Unusual ferromagnetic critical behavior owing to short-range antiferromagnetic correlations in antiperovskite $\text{Cu}_{1-x}\text{NMn}_{3+x}$ (0.1 $\leq x \leq$ 0.4). Scientific Reports, 2015, 5, 7933.	3.3	43
18	Investigations on electrical, magnetic and optical behaviors of five-layered Aurivillius $\text{Bi}_6\text{Ti}_3\text{Fe}_2\text{O}_{18}$ polycrystalline films. Thin Solid Films, 2012, 525, 195-199.	1.8	41

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19	The effect of grain size on electrical transport and magnetic properties of La <sub>0.9</sub> Te <sub>0.1</sub> MnO <sub>3</sub> . Solid State Communications, 2004, 132, 83-87.	1.9	40
20	Magnetocaloric effect and influence of Fe/Cr disorder on the magnetization reversal and dielectric relaxation in RFe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> systems. Applied Physics Letters, 2017, 110, .	3.3	40
21	Structural, magnetic, and transport properties in the Pr-doped manganites La <sub>0.9-<i>x</i></sub> Pr <sub><i>x</i></sub> Te <sub>0.1</sub> MnO <sub>3</sub> (0 ≤ <i>x</i> ≤ 0.9). Physical Review B, 2004, 70, .	3.2	39
22	Magnetocaloric effect of electron-doped manganite La <sub>0.9</sub> Te <sub>0.1</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2007, 102, 033913.	2.5	39
23	Facile chemical solution synthesis of p-type delafossite Ag-based transparent conducting AgCrO <sub>2</sub> films in an open condition. Journal of Materials Chemistry C, 2017, 5, 1885-1892.	5.5	39
24	Energy storage properties in BaTiO <sub>3</sub> -Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> thin films. Applied Physics Letters, 2018, 113, .	3.3	38
25	Chemical Solution Route for High-Quality Multiferroic BiFeO <sub>3</sub> Thin Films. Small, 2021, 17, e1903663.	10.0	38
26	Thickness effect on the properties of BaTiO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> multilayer thin films prepared by chemical solution deposition. Journal of Alloys and Compounds, 2014, 587, 681-687.	5.5	37
27	Structural, magnetic, and transport properties of the Cu-doped manganite La <sub>0.85</sub> Te <sub>0.15</sub> Mn <sub>1-<i>x</i></sub> Cu <sub><i>x</i></sub> O <sub>3</sub> (0 ≤ <i>x</i> ≤ 0.20). Physical Review B, 2004, 70, .	3.2	36
28	Synthesis and characterization of ordered and disordered polycrystalline La <sub>2</sub> NiMnO <sub>6</sub> thin films by sol-gel. Dalton Transactions, 2012, 41, 11836.	3.3	36
29	Evolution of structure and ferroelectricity in Aurivillius Bi <sub>4</sub> Bi <sub><i>n</i>-3</sub> Fe <sub><i>n</i>-3</sub> Ti <sub>3</sub> O <sub>3<i>n</i>+3</sub> thin films. Journal of Materials Chemistry C, 2018, 6, 8618-8627.	5.5	34
30	Determination of oxygen stoichiometry in the mixed-valent manganites. Journal of Magnetism and Magnetic Materials, 2005, 285, 417-421.	2.3	33
31	Structural, transport, and magnetic properties in the Ti-doped manganites LaMn <sub>1-<i>x</i></sub> Ti <sub><i>x</i></sub> O <sub>3</sub> (0 ≤ <i>x</i> ≤ 0.2). Solid State Communications, 2005, 136, 268-272.	1.9	33
32	Colossal magnetodielectric effect and spin flop in magnetoelectric Co <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub> crystal. Applied Physics Letters, 2016, 109, .	3.3	33
33	Effect of electric current on the charge-ordered state in La <sub>5-<i>8y</i></sub> Pr <sub><i>y</i></sub> Ca <sub>3-<i>8y</i></sub> MnO <sub>3</sub> . Physical Review B, 2004, 70, .	3.2	32
34	The influence of Cr doping on the charge-ordering state in bilayered LaSr <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> . Journal of Applied Physics, 2004, 96, 4965-4969.	2.5	30
35	Achieving Macroscopic V <sub>4</sub> C <sub>3</sub> T <sub><i>x</i></sub> MXene by Selectively Etching Al from V <sub>4</sub> AlC <sub>3</sub> Single Crystals. Inorganic Chemistry, 2020, 59, 3239-3248.	4.0	30
36	Internal friction evidence of the intrinsic inhomogeneity in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> at low temperatures. Physical Review B, 2004, 69, .	3.2	29

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37	Effects of annealing temperature on the structures, ferroelectric and magnetic properties of Aurivillius Bi <sub>5</sub> Ti <sub>3</sub> FeO <sub>15</sub> polycrystalline films. Journal of Magnetism and Magnetic Materials, 2012, 324, 2265-2270.	2.3	29
38	Size Effects on Magnetic Properties of $\text{Ni}_{1-x}\text{Mn}_x\text{O}$ . Advances in Materials Science and Engineering, 2013, 2013, 1-10.	2.8	28
39	Small-polaron hopping conduction in La <sub>0.9</sub> Te <sub>0.1</sub> MnO <sub>3</sub> above the metal-insulator transition. Materials Letters, 2006, 60, 3281-3285.	2.6	27
40	Thermopower and thermal conductivity of the electron-doped manganite La <sub>0.9</sub> Te <sub>0.1</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2006, 100, 123701.	2.5	27
41	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.	5.5	26
42	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.	3.6	26
43	Structural, magnetic, and dielectric properties of W/Cr co-substituted Aurivillius Bi <sub>5</sub> FeTi <sub>3</sub> O <sub>15</sub> . Journal of Alloys and Compounds, 2017, 726, 1040-1046.	5.5	26
44	Epitaxial antiperovskite superconducting CuNi <sub>3</sub> thin films synthesized by chemical solution deposition. Chemical Communications, 2014, 50, 12734-12737.	4.1	25
45	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.	2.6	25
46	Solution processing of transparent conducting epitaxial La:BaSnO <sub>3</sub> films with improved electrical mobility. Applied Physics Letters, 2015, 106, 101906.	3.3	24
47	Magnetic, dielectric properties, and scaling behaviors of Aurivillius compounds Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> (0.15). Journal of Applied Physics, 2015, 117, 24	2.5	24
48	Transport mechanism and magnetothermoelectric power of electron-doped manganites La <sub>0.85</sub> Te <sub>0.15</sub> Mn <sub>1-x</sub> Cu <sub>x</sub> O <sub>3</sub> (0.20). Journal of Applied Physics, 2006, 100, 073706.	2.5	23
49	Large remnant polarization and magnetic field induced destruction of cycloidal spin structure in Bi <sub>1-x</sub> La <sub>x</sub> FeO <sub>3</sub> (0.2). Journal of Applied Physics, 2013, 113, 23	2.5	23
50	Structural, magnetic and dielectric properties of the Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> Mn <sub>x</sub> Ti <sub>3</sub> O <sub>18</sub> (0.8). RSC Advances, 2014, 4, 46704-46709.	3.6	23
51	Influence of Codoping on the charge-ordering state of the bilayered manganite LaSr <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> . Physical Review B, 2004, 70, .	3.2	22
52	Magnetic and transport properties of the Co-doped manganite La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> (0.5). Physica Status Solidi (B): Basic Research, 2005, 242, 1719-1727.	1.5	22
53	Dielectric relaxations and magnetodielectric response in BiMn <sub>2</sub> O <sub>5</sub> single crystal. Applied Physics Letters, 2013, 103, .	3.3	22
54	Enhanced Thermoelectric Properties in $\text{Cu}_{1-x}\text{Ca}_x\text{Co}_4\text{O}_{9+x}$ Thin Films. Journal of the American Ceramic Society, 2013, 96, 2396-2401.	3.8	21

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55	Improved ferroelectric polarization of V-doped Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> thin films prepared by a chemical solution deposition. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	21
56	Solution-Processable Epitaxial Metallic Delafossite Oxide Films. <i>Advanced Functional Materials</i> , 2020, 30, 2002375.	14.9	21
57	Electron paramagnetic resonance investigation of the electron-doped manganite La <sub>1-x</sub> Tm <sub>x</sub> MnO <sub>3</sub> (0.1 ≤ x ≤ 1). <i>Journal of Applied Physics</i> , 2005, 98, 044102.	1.0784314	20
58	Fabrication of La <sub>0.8</sub> Na <sub>0.2</sub> Mn <sub>1-x</sub> Cu <sub>x</sub> O <sub>3</sub> (x= 0, 0.05) thin films on YSZ substrates via chemical solution deposition. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 2347-2351.	2.8	19
59	The effect of grain boundary on the properties of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin films prepared by chemical solution deposition. <i>Ceramics International</i> , 2006, 32, 157-162.	4.8	19
60	Magnetic, dielectric, and magneto-dielectric properties of rare-earth-substituted Aurivillius phase Bi <sub>6</sub> Fe <sub>1.4</sub> Co <sub>0.6</sub> Ti <sub>3</sub> O <sub>18</sub> . <i>Journal of Applied Physics</i> , 2014, 116, 154102.	2.5	19
61	Room temperature multiferroicity in Aurivillius compounds Bi <sub>6</sub> Fe <sub>2-x</sub> Ni <sub>x</sub> Ti <sub>3</sub> O <sub>18</sub> (0 ≤ x ≤ 1). <i>Ceramics International</i> , 2017, 43, 4405-4410.	4.8	19
62	The effects of quenching on electrical properties, and leakage behaviors of 0.67BiFeO <sub>3</sub> -0.33BaTiO <sub>3</sub> solid solutions. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7311-7317.	2.2	19
63	Growth, Microstructures, and Optoelectronic Properties of Epitaxial BaSn <sub>1-x</sub> Sb <sub>x</sub> O <sub>3</sub> Thin Films by Chemical Solution Deposition. <i>ACS Applied Energy Materials</i> , 2018, 1, 1585-1593.	5.1	19
64	Fabrication of polycrystalline La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin films on Si (100) substrates by chemical solution deposition. <i>Physica B: Condensed Matter</i> , 2004, 353, 238-241.	2.7	18
65	Transparent conducting p-type thin films of c-axis self-oriented Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> O <sub>y</sub> with high figure of merit. <i>Chemical Communications</i> , 2014, 50, 9697-9699.	4.1	18
66	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. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3857-3863.	3.8	18
67	The effect of oxygen stoichiometry on electrical transport and magnetic properties of La <sub>0.9</sub> Te <sub>0.1</sub> MnO <sub>y</sub> . <i>Solid State Communications</i> , 2004, 131, 393-398.	1.9	17
68	Microstructure refinement and magnetization improvement in CoFe thin films by high magnetic field annealing. <i>Journal of Alloys and Compounds</i> , 2017, 729, 730-734.	5.5	17
69	Multiferroic property, dielectric response, and scaling behavior in Aurivillius Bi <sub>4.25</sub> Gd <sub>0.75</sub> Fe <sub>0.5</sub> Co <sub>0.5</sub> Ti <sub>3</sub> O <sub>15</sub> ceramic. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2556-2562.	5.5	17
70	Energy storage in BaBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> thin films with high efficiency. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	17
71	Magnetic and dielectric properties of Aurivillius phase Bi <sub>4.2</sub> Nd <sub>0.8</sub> Ti <sub>3</sub> Fe <sub>0.5</sub> Co <sub>0.5</sub> O <sub>15</sub> . <i>Europhysics Letters</i> , 2011, 96, 67006.	2.0	16
72	Evolution of the resistive switching in chemical solution deposited-derived BiFeO <sub>3</sub> thin films with dwell time and annealing temperature. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	16

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73	Self-assembled c-axis oriented antiperovskite soft-magnetic $\text{CuNiCo}_3$ thin films by chemical solution deposition. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4438-4444.	5.5	16
74	Observation of ferroelectricity and magnetoelectric coupling in Mn-doped orthochromite $\text{DyCr}_{0.5}\text{Mn}_{0.5}\text{O}_3$ . <i>Journal of Alloys and Compounds</i> , 2016, 656, 830-834.	5.5	16
75	High-coercivity $\text{CoFe}_2\text{O}_4$ thin films on Si substrates by sol-gel. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 422, 255-261.	2.3	16
76	Enhanced multiferroicity and narrow band gap in B-site Co-doped Aurivillius $\text{Bi}_5\text{FeTi}_3\text{O}_{15}$ . <i>Ceramics International</i> , 2019, 45, 137-143.	4.8	16
77	The current-induced effect on the Jahn-Teller distortion in the $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ manganite. <i>Solid State Communications</i> , 2005, 133, 163-167.	1.9	15
78	c-Axis oriented $\text{SrMoO}_4$ thin films by chemical solution deposition: Self-assembled orientation, grain growth and photoluminescence properties. <i>Acta Materialia</i> , 2014, 65, 287-294.	7.9	15
79	Layered layered compound $\text{Bi}_2\text{YO}_4$ thin films by chemical solution deposition: Self-assembled orientation, grain growth and photoluminescence properties. <i>Acta Materialia</i> , 2014, 65, 287-294.	7.9	15
80	Enhanced multiferroic properties of Aurivillius $\text{Bi}_6\text{Fe}_{1.4}\text{Co}_{0.6}\text{Ti}_3\text{O}_{18}$ thin films by magnetic field annealing. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	15
81	Magnetism of $\text{CoFe}_2\text{O}_4$ thin films annealed under the magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 287-291.	2.3	15
82	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, .	3.3	15
83	Ni doping dependent dielectric, leakage, ferroelectric and magnetic properties in $\text{Bi}_7\text{Fe}_3\text{Ni}_x\text{Ti}_3\text{O}_{21}$ thin films. <i>Applied Surface Science</i> , 2018, 440, 484-490.	6.1	15
84	Insulator-metal transition and the magnetic phase diagram of $\text{La}_{1-x}\text{TexMnO}_3$ ( $0.1 \leq x \leq 0.6$ ). <i>Materials Chemistry and Physics</i> , 2005, 94, 62-68.	4.0	14
85	Facile chemical solution deposition of nanocrystalline $\text{CrN}$ thin films with low magnetoresistance. <i>RSC Advances</i> , 2014, 4, 12568-12571.	3.6	14
86	$\text{BiFeO}_3$ thin films prepared on metallic Ni tapes by chemical solution deposition: effects of annealing temperature and a $\text{La}_{0.5}\text{Sr}_{0.5}\text{TiO}_3$ buffer layer on the dielectric, ferroelectric and leakage properties. <i>RSC Advances</i> , 2014, 4, 32738-32743.	3.6	14
87	Off-center displacement in perovskite $\text{Ca}_3\text{Co}_2\text{O}_9$ . <i>Physical Review B</i> , 2018, 98, .	3.2	14
88	The correlation between structure and magnetic properties in the manganites $\text{La}_{0.7}\text{Ca}_{0.3-x}\text{TexMnO}_3$ ( $0 \leq x \leq 0.15$ ). <i>Solid State Communications</i> , 2005, 136, 108-113.	1.9	13
89	Spin-glass and spin-fluctuation in Mo-doped $\text{Ca}_3\text{Co}_4\text{O}_9$ system. <i>Solid State Communications</i> , 2011, 151, 933-937.	1.9	13
90	Sodium Doping Effects on Layered Cobaltate $\text{Bi}_2\text{Sr}_2\text{Co}_2$ Thin Films. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1841-1845.		

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91	Synthesis and characterization of self-assembled c-axis oriented Bi <sub>2</sub> Sr <sub>3</sub> Co <sub>2</sub> O <sub>y</sub> thin films by the sol-gel method. Dalton Transactions, 2011, 40, 9544.	3.3	12
92	Dielectric relaxation and magnetodielectric response in DyMn <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> . Journal of Applied Physics, 2015, 118, 124103.	2.5	12
93	Ferrimagnetic and spin-glass transition in the Aurivillius compound SrBi <sub>5</sub> Ti <sub>4</sub> Cr <sub>0.5</sub> Co <sub>0.5</sub> O <sub>18</sub> . Journal of Applied Physics, 2015, 117, .	2.5	12
94	Self-assembled c-axis oriented $\delta$ -MoN thin films on Si substrates by chemical solution deposition: Growth, transport and superconducting properties. Journal of Alloys and Compounds, 2017, 704, 453-458.	5.5	12
95	Magnetic and ferroelectric properties of Aurivillius phase Bi <sub>7</sub> Fe <sub>3</sub> Ti <sub>3</sub> O <sub>21</sub> and their doped films. Ceramics International, 2017, 43, 17148-17152.	4.8	12
96	Electrical and thermal transport properties of the Pr-doped La <sub>0.9</sub> xPr <sub>x</sub> Te <sub>0.1</sub> MnO <sub>3</sub> $\delta$ manganites. Solid State Communications, 2006, 139, 209-214.	1.9	11
97	Tunable magnetization and relaxor ferroelectric nature in cobalt-substituted tungsten bronze Ba <sub>4</sub> Nd <sub>2</sub> Fe <sub>2</sub> Nb <sub>8</sub> O <sub>30</sub> . Journal of Alloys and Compounds, 2018, 755, 73-78.	5.5	11
98	Focus on the ferroelectric polarization behavior of four-layered Aurivillius multiferroic thin film. Ceramics International, 2019, 45, 10080-10085.	4.8	11
99	Structural and magnetic properties of spin- and charge-doped Sr <sub>0.8</sub> La <sub>0.2</sub> Ti <sub>0.9</sub> Co <sub>0.1</sub> O <sub>3</sub> . Applied Physics Letters, 2007, 91, .	3.3	10
100	Annealing temperature effects on Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> /LaNiO <sub>3</sub> /Si thin films by an all-solution approach. Journal of Alloys and Compounds, 2017, 694, 489-496.	5.5	10
101	Magnetic, dielectric, and magneto-dielectric properties of Aurivillius Bi <sub>7</sub> Fe <sub>2</sub> CrTi <sub>3</sub> O <sub>21</sub> ceramic. Ceramics International, 2018, 44, 5319-5326.	4.8	10
102	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. Journal of Electroceramics, 2020, 44, 256-264.	2.0	10
103	Photoinduced spin-state transition of Co <sup>3+</sup> in the layered perovskite manganite thin film. Journal of Physics Condensed Matter, 2004, 16, 2245-2251.	1.8	9
104	p-type transparent conductivity in high temperature superconducting Bi-2212 thin films. Applied Physics Letters, 2018, 112, .	3.3	9
105	Structural, magnetic, and dielectric studies of the Aurivillius compounds SrBi <sub>5</sub> Ti <sub>4</sub> MnO <sub>18</sub> and SrBi <sub>5</sub> Ti <sub>4</sub> Mn <sub>0.5</sub> Co <sub>0.5</sub> O <sub>18</sub> . Journal of Applied Physics, 2015, 117, 023907.	2.5	8
106	Magnetic, dielectric and magneto-dielectric properties of Aurivillius phase Bi <sub>4.25</sub> Nd <sub>0.75</sub> FeTi <sub>2</sub> (NbCo) <sub>0.5</sub> O <sub>15</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 16337-16346.	2.2	8
107	The effect of oxygen content on the magnetic cluster in the paramagnetic region of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>y</sub> . Journal of Physics Condensed Matter, 2004, 16, 7083-7093.	1.8	7
108	Stability studies of exchange bias field of Mn <sub>80</sub> Ir <sub>20</sub> /Co <sub>60</sub> Fe <sub>20</sub> B <sub>20</sub> by network analyzer ferromagnetic resonance. Applied Physics Letters, 2010, 97, 132502.	3.3	7

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109	Preparation and Characterization of Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Thin Films on Polycrystalline Al <sub>2</sub> O <sub>3</sub> Substrates by Chemical Solution Deposition. Journal of Materials Science and Technology, 2013, 29, 13-16.	10.7	7
110	Enhancement of thermoelectric power in layered Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> <sup>x</sup> Ir <sub>x</sub> O <sub>y</sub> single crystals. Journal of Materials Science, 2014, 49, 4636-4642.	3.7	7
111	Dwell time effects on high coercivity CoFe <sub>2</sub> O <sub>4</sub> thin films deposited by the solution processing. Applied Physics Letters, 2016, 109, .	3.3	7
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