

# Jie Yang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced ferroelectric, piezoelectric and dielectric properties of (1-x)CaBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> -xBaZr <sub>0.2</sub> Ti <sub>0.8</sub> O <sub>3</sub> high-temperature piezoelectric composite ceramics. <i>Current Applied Physics</i> , 2022, 34, 64-70.	2.4	1
2	Dielectric relaxations and conduction mechanism in Aurivillius-type Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Bi <sub>5</sub> Fe <sub>0.5</sub> Co <sub>0.5</sub> Ti <sub>3</sub> O <sub>15</sub> solid solution. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6354-6367.	2.2	2
3	Structural, magnetic, electrical and optical properties of Aurivillius phase Bi <sub>6</sub> Fe <sub>1.5</sub> Co <sub>0.5</sub> Ti <sub>3</sub> -W O <sub>18</sub> (0.7) ceramics. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164393.	5.5	2
4	Chemical Solution Route for High-Quality Multiferroic BiFeO <sub>3</sub> Thin Films. <i>Small</i> , 2021, 17, e1903663.	10.0	38
5	Room-temperature multiferrocity and magnetodielectric properties of ternary BiFeO <sub>3</sub> Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> CaTiO <sub>3</sub> ceramics across the rhombohedral-orthorhombic phase boundary. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 11524.	2.2	1
6	Effect of BaO-2B <sub>2</sub> O <sub>3</sub> sintering aid on the structural and electrical properties of CaBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> high-temperature piezoelectric ceramic. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	6
7	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.	2.0	10
8	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.	2.5	4
9	Effects of W/Ni co-doping on the structural, magnetic, electrical, and optical properties of Aurivillius phase Bi <sub>5</sub> FeTi <sub>3</sub> O <sub>15</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11131-11140.	2.2	4
10	Achieving Macroscopic V <sub>4</sub> C <sub>3</sub> T <sub>x</sub> MXene by Selectively Etching Al from V <sub>4</sub> AlC <sub>3</sub> Single Crystals. <i>Inorganic Chemistry</i> , 2020, 59, 3239-3248.	4.0	30
11	Enhanced multiferroicity in Mn- and Cu-modified 0.7BiFeO <sub>3</sub> 0.3(Ba <sub>0.85</sub> Ca <sub>0.15</sub> )TiO <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , 2020, 127, 064102.	2.5	0
12	Solution-Processable Epitaxial Metallic Delafossite Oxide Films. <i>Advanced Functional Materials</i> , 2020, 30, 2002375.	14.9	21
13	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. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16337-16346.	2.2	8
14	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, .	3.3	6
15	Enhanced ferroelectricity in relaxor Bi <sub>0.7</sub> FeO <sub>3</sub> 0.3(Ba <sub>0.85</sub> )TiO <sub>3</sub> thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20221-20228.	2.2	2
16	Ferroelectric polarization and fatigue characterization in bismuth-based Aurivillius thin films at lower voltage. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 248, 114408.	3.5	6
17	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.	3.3	4
18	Bipolar resistive switching with self-rectifying behaviors in p-type AgCr <sub>1-x</sub> Mg <sub>x</sub> O <sub>2</sub> thin films. <i>Journal of Applied Physics</i> , 2019, 126, 085702.	2.5	5

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19	Annealing Effects on the Grain Growth and Electrical Properties of ZrO <sub>2</sub> Buffered Chromium Nitride Thin Films. <i>Crystal Growth and Design</i> , 2019, 19, 5737-5742.	3.0	2
20	Magnetic, dielectric and optical properties of five-layered Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> -based ceramics. <i>Current Applied Physics</i> , 2019, 19, 1391-1398.	2.4	6
21	Lead-free A <sub>2</sub> Bi <sub>4</sub> Ti <sub>5</sub> O <sub>18</sub> thin film capacitors (A = Ba and Tl). <i>Journal of Materials Chemistry C</i> , 2019, 7, 1888-1895.	5.5	54
22	Structural and magnetic studies of Co <sub>1-x</sub> Ni <sub>x</sub> Cr <sub>2</sub> O <sub>4</sub> (0 ≤ x ≤ 1). <i>Journal of Applied Physics</i> , 2019, 125, 203904.	2.5	2
23	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
24	Focus on the ferroelectric polarization behavior of four-layered Aurivillius multiferroic thin film. <i>Ceramics International</i> , 2019, 45, 10080-10085.	4.8	11
25	Quantum paraelectricity to dipolar glass transition in Sc doped BaFe <sub>12</sub> O <sub>19</sub> single crystals. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	3
26	Enhanced multiferroicity and narrow band gap in B-site Co-doped Aurivillius Bi <sub>5</sub> FeTi <sub>3</sub> O <sub>15</sub> . <i>Ceramics International</i> , 2019, 45, 137-143.	4.8	16
27	Coexistence of ferromagnetism and ferroelectricity in Mn-doped chromites YCr <sub>1</sub> -Mn O <sub>3</sub> single crystals. <i>Journal of Alloys and Compounds</i> , 2019, 771, 602-606.	5.5	4
28	Tuning the ferroelectric transition and magnetic ordering by the polar Ba <sub>0.1</sub> Sr <sub>0.9</sub> TiO <sub>3</sub> substitution in the multiferroic (1-x) Ba <sub>0.1</sub> Sr <sub>0.9</sub> TiO <sub>3</sub> - xBiFeO <sub>3</sub> (0.2 ≤ x ≤ 0.8) solid solution. <i>Journal of Alloys and Compounds</i> , 2018, 744, 321-327.	5.5	6
29	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
30	Ultrahigh energy storage in lead-free BiFeO <sub>3</sub> /Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> thin film capacitors by solution processing. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	74
31	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. <i>Ceramics International</i> , 2018, 44, 5319-5326.	4.8	10
32	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> . <i>Journal of Alloys and Compounds</i> , 2018, 755, 73-78.	5.5	11
33	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
34	Effects of Co doping on structural, magnetic, and electrical properties of 0.6BiFeO <sub>3</sub> -0.4(Bi <sub>0.5</sub> K <sub>0.5</sub> )TiO <sub>3</sub> solid solution. <i>Journal of Alloys and Compounds</i> , 2018, 730, 119-126.	5.5	7
35	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. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	38
36	Negative and positive photodielectric effects in quantum paraelectric BaFe <sub>12</sub> O <sub>19</sub> single crystals. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12707-12713.	5.5	3

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37	Effects of La doping on structural, magnetic, and ferroelectric properties of Aurivillius Bi <sub>6</sub> Fe <sub>1.4</sub> Co <sub>0.6</sub> Ti <sub>3</sub> O <sub>18</sub> thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 20133-20140.	2.2	3
38	p-type transparent conductivity in high temperature superconducting Bi-2212 thin films. Applied Physics Letters, 2018, 112, . <a href="#">Electric dipoles via <math>\langle \text{mmml:math} \rangle</math></a>	3.3	9
39	<a href="#">xmlns:mml="http://www.w3.org/1998/Math/MathML"&gt;&lt;mml:mrow&gt;&lt;mml:mi mathvariant="normal"&gt;C&lt;/mml:mi&gt;&lt;mml:msup&gt;&lt;mml:mrow&gt;&lt;mml:mi mathvariant="normal"&gt;r&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;3&lt;/mml:mn&gt;&lt;mml:mo&gt;+&lt;/mml:mo&gt;&lt;/mml:mrow&gt;&lt;/mml:msup&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</a> <a href="#">Physical Review B, 2018, 98</a>	3.2	14
40	Ni doping dependent dielectric, leakage, ferroelectric and magnetic properties in Bi <sub>7</sub> Fe <sub>3</sub> â <sup>x</sup> NixTi <sub>3</sub> O <sub>21</sub> thin films. Applied Surface Science, 2018, 440, 484-490.	6.1	15
41	Evolution of structure and ferroelectricity in Aurivillius Bi <sub>4</sub> Bi <sub>3</sub> Fe <sub>3</sub> Ti <sub>3</sub> O <sub>3n+3</sub> thin films. Journal of Materials Chemistry C, 2018, 6, 8618-8627.	5.5	34
42	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
43	Study of Critical Behavior in Amorphous Fe <sub>85</sub> Sn <sub>5</sub> Zr <sub>10</sub> Alloy Ribbon. Journal of Electronic Materials, 2017, 46, 826-832.	2.2	4
44	Self-assembled c-axis oriented Î <sup>-</sup> 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
45	Magnetic, electronic, and thermal transport properties of the quasi-two-dimensional Sr <sub>3</sub> Fe <sub>2</sub> O <sub>6.6</sub> single crystal. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1757-1763.	2.1	1
46	Magnetocaloric effect and influence of Fe/Cr disorder on the magnetization reversal and dielectric relaxation in $\langle i \rangle R \langle /i \rangle$ Fe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> systems. Applied Physics Letters, 2017, 110, .	3.3	40
47	Room temperature multiferroicity in Aurivillius compounds Bi <sub>6</sub> Fe <sub>2</sub> â <sup>x</sup> NixTi <sub>3</sub> O <sub>18</sub> (0â <sup>x</sup> â <sup>1</sup> ). Ceramics International, 2017, 43, 4405-4410.	4.8	19
48	Microstructure refinement and magnetization improvement in CoFe thin films by high magnetic field annealing. Journal of Alloys and Compounds, 2017, 729, 730-734.	5.5	17
49	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
50	Room temperature multiferrocity and magnetodielectric properties of ternary (1-x) (0.94Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -0.06BaTiO <sub>3</sub> )-xBiFeO <sub>3</sub> (0 â <sup>x</sup> â <sup>0.9</sup> ) solid solutions. Applied Physics Letters, 2017, 111, .	3.3	15
51	Retention Characteristics of Fiveâ <sup>L</sup> ayered Aurivillius Films With Large Polarization. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700278.	2.4	4
52	Temperature and field induced spin reorientation and dielectric properties in YCr <sub>0.88</sub> Fe <sub>0.12</sub> O <sub>3</sub> single crystal. Applied Physics Letters, 2017, 111, 072402.	3.3	2
53	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
54	Bi <sub>3.25</sub> La <sub>0.75</sub> Ti <sub>3</sub> O <sub>12</sub> thin film capacitors for energy storage applications. Applied Physics Letters, 2017, 111, .	3.3	57

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55	Surface modification effects on coercivity of the CoFe <sub>2</sub> O <sub>4</sub> thin films with different thickness La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> layers. Journal of Applied Physics, 2017, 121, 245305.	2.5	6
56	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. Journal of Alloys and Compounds, 2017, 695, 2556-2562.	5.5	17
57	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
58	Ferroelectric and magnetic properties in 85Ånm-thick Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> O <sub>18</sub> thin films by a modified sol-gel processing. Journal of Alloys and Compounds, 2017, 690, 412-416.	5.5	2
59	Synthesis and characteristics of (Bi <sub>2</sub> Ba <sub>3</sub> O <sub>4</sub> ) <sub>b1</sub> /b <sub>2</sub> CoO <sub>2</sub> thin films by chemical solution deposition. Journal of Alloys and Compounds, 2017, 694, 333-339.	5.5	1
60	High-coercivity CoFe <sub>2</sub> O <sub>4</sub> thin films on Si substrates by sol-gel. Journal of Magnetism and Magnetic Materials, 2017, 422, 255-261.	2.3	16
61	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
62	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
63	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
64	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.	5.5	85
65	Observation of ferroelectricity and magnetoelectric coupling in Mn-doped orthochromite DyCr <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>3</sub> . Journal of Alloys and Compounds, 2016, 656, 830-834.	5.5	16
66	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
67	Enhanced multiferroic properties of Aurivillius Bi <sub>6</sub> Fe <sub>1.4</sub> Co <sub>0.6</sub> Ti <sub>3</sub> O <sub>18</sub> thin films by magnetic field annealing. Applied Physics Letters, 2015, 107, .	3.3	15
68	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. Journal of Applied Physics, 2015, 117, .	2.5	21
69	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
70	Unusual ferromagnetic critical behavior owing to short-range antiferromagnetic correlations in antiperovskite Cu <sub>1-x</sub> NMn <sub>3+x</sub> (0.1 ≤ x ≤ 0.4). Scientific Reports, 2015, 5, 7933.	3.3	43
71	Giant magnetocaloric effect and temperature induced magnetization jump in GdCrO <sub>3</sub> single crystal. Journal of Applied Physics, 2015, 117, .	2.5	80
72	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.	3.6	3

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73	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.	3.6	2
74	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
75	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
76	Magnetism of CoFe <sub>2</sub> O <sub>4</sub> thin films annealed under the magnetic field. Journal of Magnetism and Magnetic Materials, 2015, 394, 287-291.	2.3	15
77	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.	5.5	16
78	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
79	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
80	Magnetic, dielectric properties, and scaling behaviors of Aurivillius compounds Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> (WCo) <sub>1-x</sub> O <sub>18</sub> (0 ≤ x ≤ 0.15). Journal of Applied Physics, 2015, 117, .	2.5	24
81	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, .	3.3	78
82	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.	2.5	2
83	Sodium Doping Effects on Layered Cobaltate Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> Thin Films. Journal of the American Ceramic Society, 2014, 97, 1841-1845.		
84	c-Axis oriented SrMoO <sub>4</sub> thin films by chemical solution deposition: Self-assembled orientation, grain growth and photoluminescence properties. Acta Materialia, 2014, 65, 287-294.	7.9	15
85	Enhancement of thermoelectric power in layered Bi <sub>2</sub> Sr <sub>2</sub> Co <sub>2</sub> Ir <sub>x</sub> O <sub>y</sub> single crystals. Journal of Materials Science, 2014, 49, 4636-4642.	3.7	7
86	Magnetic and dielectric properties of Aurivillius phase Bi <sub>6</sub> Fe <sub>2</sub> Ti <sub>3</sub> Nb <sub>1-x</sub> Co <sub>x</sub> O <sub>18</sub> (0 ≤ x ≤ 0.4). Applied Physics Letters, 2014, 104, .	3.3	55
87	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> . Journal of Applied Physics, 2014, 116, 154102.	2.5	19
88	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 ≤ x ≤ 0.8). RSC Advances, 2014, 4, 46704-46709.	3.6	23
89	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. Chemical Communications, 2014, 50, 9697-9699.	4.1	18
90	Facile chemical solution deposition of nanocrystalline CrN thin films with low magnetoresistance. RSC Advances, 2014, 4, 12568-12571.	3.6	14

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91	Chemical solution deposited layered compound $\text{Bi}_2\text{YO}_4\text{Cu}_2$ 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. RSC Advances, 2014, 4, 32738-32743.	3.6	14
92	Epitaxial antiperovskite superconducting $\text{CuNNi}_3$ thin films synthesized by chemical solution deposition. Chemical Communications, 2014, 50, 12734-12737.	4.1	25
94	Thickness Dependence of Dielectric, Leakage, and Ferroelectric Properties of $\text{Bi}_6\text{Fe}_2\text{Ti}_3\text{O}_{18}$ Thin Films Derived by Chemical Solution Deposition. Journal of the American Ceramic Society, 2014, 97, 3857-3863.	3.8	18
95	Thickness effect on the properties of $\text{BaTiO}_3\text{-CoFe}_2\text{O}_4$ multilayer thin films prepared by chemical solution deposition. Journal of Alloys and Compounds, 2014, 587, 681-687.	5.5	37
96	Magnetic annealing effects on the properties of multilayer $\text{BaTiO}_3/\text{CoFe}_2\text{O}_4$ thin films. Journal of the Korean Physical Society, 2013, 62, 2213-2217.	0.7	0
97	Study of doping effect, phase separation and heterojunction in CMR manganites. Science China: Physics, Mechanics and Astronomy, 2013, 56, 85-98.	5.1	3
98	Preparation of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1+x}\text{O}_y$ ( $1 \leq x \leq 2$ ) thin films by chemical solution deposition: Dual epitaxy and possible spinodal growth. Journal of Alloys and Compounds, 2013, 561, 95-100.	5.5	5
99	Preparation and Characterization of $\text{Ca}_3\text{Co}_4\text{O}_9$ Thin Films on Polycrystalline $\text{Al}_2\text{O}_3$ Substrates by Chemical Solution Deposition. Journal of Materials Science and Technology, 2013, 29, 13-16.	10.7	7
100	Transport and magnetic properties in the $\text{Dy}_{1-x}\text{Ca}_x\text{VO}_3$ ceramics. Journal of Alloys and Compounds, 2013, 558, 222-228.	5.5	4
101	Large remnant polarization and magnetic field induced destruction of cycloidal spin structure in $\text{BiLa}_{1-x}\text{La}_x\text{FeO}_3$ ( $0 \leq x \leq 0.2$ ). Journal of Applied Physics, 2013, 113, .	2.5	23
102	Size Effects on Magnetic Properties of $\text{Ni}_x\text{O}$ . Advances in Materials Science and Engineering, 2013, 2013, 1-10.	2.5	23
103	Enhanced Thermoelectric Properties in $\text{Ca}_3\text{Co}_4\text{O}_9$ Doped $\text{Ca}_x\text{O}_{9+1-x}$ Thin Films. Journal of the American Ceramic Society, 2013, 96, 2396-2401.	3.8	21
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