

# Xiaoding Qi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

2,591  
citations

21  
h-index

49  
g-index

79  
ext. papers

2,735  
ext. citations

4.1  
avg. IF

4.76  
L-index

#	Paper	IF	Citations
76	Sputter deposition and structural characterization of BiCuSeO epitaxial films on (001)/(110) SrTiO <sub>3</sub> substrates. <i>Thin Solid Films</i> , <b>2021</b> , 730, 138705	2.2	
75	RF magnetron sputter deposition and electrical properties of La and Y doped SrTiO <sub>3</sub> epitaxial films. <i>Materials and Design</i> , <b>2019</b> , 179, 107888	8.1	8
74	Hydrothermal synthesis of pure and Sb-doped BiFeO <sub>3</sub> with the typical hysteresis loops of ideal ferroelectrics. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 774, 386-395	5.7	11
73	Epitaxial growth of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> +BiFeO <sub>3</sub> composite films on SrTiO <sub>3</sub> substrates. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 708, 194-201	5.7	5
72	Preparation of polycrystalline FeTe <sub>1-x</sub> S <sub>x</sub> (x = 0.00-0.30) via solid-state reaction method at ambient pressure. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	2
71	Dielectric responses in polycrystalline rare-earth iron garnets. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 691, 672-682	5.7	19
70	RF magnetron co-sputtering growth and characterisation of multiferroic composite films of Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> + BiFeO <sub>3</sub> . <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 8679-8686	7.1	12
69	The oxidation states of elements in pure and Ca-doped BiCuSeO thermoelectric oxides. <i>Acta Materialia</i> , <b>2016</b> , 102, 88-96	8.4	21
68	Fabrication and thermoelectric properties of CuMn <sub>1+x</sub> O <sub>2</sub> (x=0~0.2) ceramics. <i>Ceramics International</i> , <b>2015</b> , 41, 12303-12309	5.1	3
67	Growth of 3CβSiC films on Si substrates by vapor-liquid-solid tri-phase epitaxy. <i>Ceramics International</i> , <b>2015</b> , 41, 7640-7644	5.1	5
66	Synthesis of Bulk FeTe <sub>1-x</sub> Se <sub>x</sub> (x = 0.1-0.5) at Ambient Pressure. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 2839-2845	1.5	10
65	The effects of pulse repetition rate on the structural, optical, and electrical properties of CIGS films grown by pulsed laser deposition. <i>Applied Surface Science</i> , <b>2015</b> , 351, 772-778	6.7	8
64	Magnetic and Dielectric Properties of Nanostructured BiFeO <sub>3</sub> Prepared by Sol-Gel Method. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 2185-2194	3.8	24
63	Pulsed-laser deposition and characterization of CuIn <sub>1-x</sub> M <sub>x</sub> Se <sub>2</sub> (M=Cr, V, and Ti) films. <i>Ceramics International</i> , <b>2014</b> , 40, 8897-8903	5.1	3
62	Sol-Gel Synthesis and Characterisation of Nanostructured LaNiO <sub>3-x</sub> for Thermoelectric Applications. <i>Science of Advanced Materials</i> , <b>2014</b> , 6, 1406-1411	2.3	2
61	Exchange bias and magneto-resistance in an all-oxide spin valve with multi-ferroic BiFeO <sub>3</sub> as the pinning layer. <i>Acta Materialia</i> , <b>2013</b> , 61, 7444-7453	8.4	7
60	Indium-tin-oxide thin films deposited on polyethylene-terephthalate substrates by substrate-biased RF magnetron sputtering. <i>Surface and Coatings Technology</i> , <b>2013</b> , 231, 205-208	4.4	7

59	Substrate-dependant chemical stability and conductivity of LaNiO <sub>3</sub> thin films. <i>Thin Solid Films</i> , <b>2013</b> , 529, 356-359	2.2	6
58	Maleic-anhydride-grafted ketjen black as the alternative carbon additive for LiFePO <sub>4</sub> cathode. <i>Electrochimica Acta</i> , <b>2013</b> , 107, 503-508	6.7	9
57	Low-temperature growth of Na doped CIGS films on flexible polymer substrates by pulsed laser ablation from a Na containing target. <i>Surface and Coatings Technology</i> , <b>2013</b> , 231, 209-213	4.4	19
56	Annealing Effect on the Properties of Cu(In <sub>0.7</sub> Ga <sub>0.3</sub> )Se <sub>2</sub> Thin Films Grown by Femtosecond Pulsed Laser Deposition. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 2419-2423	3.8	11
55	The Effects of Sintering Temperature on the Dielectric Behavior and Magnetic Property of Ferrimagnetic $\text{Tb}_{3}\text{Fe}_{5}\text{O}_{12}$ . <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 4307-4310	2	7
54	In-situ post-annealing technique for improving piezoelectricity and ferroelectricity of Li-doped ZnO thin films prepared by radio frequency magnetron sputtering system. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 102107	3.4	11
53	Understanding the formation of ultrafine spinel CoFe <sub>2</sub> O <sub>4</sub> nanoplatelets and their magnetic properties. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 104306	2.5	36
52	The Effects of Nickel Substitution on Bismuth Ferrite. <i>Procedia Engineering</i> , <b>2012</b> , 36, 455-461		21
51	Dielectric and magnetic properties of Y <sub>3</sub> TbxFe <sub>5</sub> O <sub>12</sub> ferrimagnets. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07A521	2.5	12
50	Interfacial diffusion and exchange bias in the oxide multilayer Zn <sub>0.7</sub> Ni <sub>0.3</sub> Fe <sub>2</sub> O <sub>4</sub> /BiFeO <sub>3</sub> /SrTiO <sub>3</sub> . <i>Surface and Interface Analysis</i> , <b>2012</b> , 44, 1026-1029	1.5	
49	Enhancement of superconductivity in FeSe <sub>1-x</sub> Te <sub>x</sub> by Li doping. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 095010	3.1	5
48	Single Crystal Growth and Characterisations of Transition Metal Ion Doped TTB Ferroelectrics. <i>Ferroelectrics</i> , <b>2011</b> , 421, 60-65	0.6	2
47	Superconducting property and Fe valence state of FeSe thick films grown from high temperature solution. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 6350-6353	5.7	15
46	Epitaxial growth and exchange coupling of spinel ferrimagnet Ni <sub>0.3</sub> Zn <sub>0.7</sub> Fe <sub>2</sub> O <sub>4</sub> on multiferroic BiFeO <sub>3</sub> . <i>Thin Solid Films</i> , <b>2011</b> , 519, 8326-8329	2.2	11
45	Post-deposition annealing control of phase and texture for the sputtered MoO <sub>3</sub> films. <i>CrystEngComm</i> , <b>2011</b> , 13, 5125	3.3	39
44	Dielectric relaxation and magnetic behavior of bismuth-substituted yttrium iron garnet. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 07A508	2.5	29
43	Structural transformation and charge transfer induced ferroelectricity and magnetism in annealed YMnO <sub>3</sub> . <i>AIP Advances</i> , <b>2011</b> , 1, 032173	1.5	17
42	High-Purity FeSe <sub>1-x</sub> Superconductors Prepared by Solid-State Synthesis and Liquid Phase Processing. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 3195-3200	3.8	5

41	A Comparative Study of Gas Sensing Properties of SnO <sub>2</sub> and SnO <sub>2</sub> :Mo Films Grown by Magnetron Sputtering. <i>Journal of the Electrochemical Society</i> , <b>2010</b> , 157, J245	3.9	10
40	Color Tone Tuning by Partial Sr <sup>2+</sup> Substitution of Ba <sup>2+</sup> in the White Phosphors Ba <sub>1-x</sub> Sr <sub>y</sub> La <sub>2x</sub> Dy <sub>x</sub> ZnO <sub>5</sub> (x=0.01-0.2, y=0-0.65). <i>Journal of the Electrochemical Society</i> , <b>2010</b> , 157, J169	3.9	9
39	Reduced room-temperature ferromagnetism in intermediate conducting regime of V doped ZnO. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 262504	3.4	20
38	Pr <sup>3+</sup> doped LaTiNbO <sub>6</sub> as a single phosphor for white LEDs. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 492, L61-L63	5.7	27
37	Energy levels and photoluminescence properties of nickel-doped bismuth ferrite. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 504, 27-31	5.7	67
36	Growth and characterisation of multiferroic BiFeO <sub>3</sub> films with fully saturated ferroelectric hysteresis loops and large remanent polarisations. <i>Journal of the European Ceramic Society</i> , <b>2010</b> , 30, 283-287	6	25
35	Influence of film thickness on the texture, morphology and electro-optical properties of indium tin oxide films. <i>Thin Solid Films</i> , <b>2010</b> , 519, 345-350	2.2	23
34	Optimal growth windows of multiferroic BiFeO <sub>3</sub> films and characteristics of ferroelectric domain structures. <i>Thin Solid Films</i> , <b>2009</b> , 517, 5862-5866	2.2	18
33	Electrical transport and ac conductivity properties of hydrogenated annealing V-doped ZnO. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07C502	2.5	10
32	Ferroelectric properties and dielectric responses of multiferroic BiFeO <sub>3</sub> films grown by RF magnetron sputtering. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 232001	3	15
31	Exchange bias in bilayers based on the ferroelectric antiferromagnet BiFeO <sub>3</sub> . <i>Philosophical Magazine Letters</i> , <b>2007</b> , 87, 175-181	1	22
30	Large Electric Polarization and Exchange Bias in Multiferroic BiFeO <sub>3</sub> . <i>Advanced Materials</i> , <b>2006</b> , 18, 1445-1448	14.48	315
29	Growth and Characterization of BiFeO <sub>3</sub> Film for Novel Device Applications. <i>Ferroelectrics</i> , <b>2006</b> , 333, 157-163	0.6	12
28	Rapid epitaxial growth of magnetoelectric thick BiFeO <sub>3</sub> films by hybrid liquid-phase epitaxy. <i>Journal of Crystal Growth</i> , <b>2006</b> , 293, 128-135	1.6	11
27	Greatly reduced leakage current and conduction mechanism in aliovalent-ion-doped BiFeO <sub>3</sub> . <i>Applied Physics Letters</i> , <b>2005</b> , 86, 062903	3.4	875
26	High-resolution x-ray diffraction and transmission electron microscopy of multiferroic BiFeO <sub>3</sub> films. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 071913	3.4	97
25	YBCO/Nd <sub>2</sub> CuO <sub>4</sub> /NiO/Ni coated conductors fabricated by liquid phase epitaxy based techniques. <i>Superconductor Science and Technology</i> , <b>2004</b> , 17, 1144-1147	3.1	3
24	Epitaxial growth of BiFeO <sub>3</sub> thin films by LPE and sol-gel methods. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 283, 415-421	2.8	41

23	Investigation of microwave losses in superconducting liquid phase epitaxy Y0.7Yb0.3Ba2Cu3O7-x films. <i>Superconductor Science and Technology</i> , <b>2003</b> , 16, 654-659	3.1	1
22	Phase stability of the mixed rare-earth yttrium/erbium and yttrium/ytterbium barium cuprates, RE0.5RE'0.5Ba2Cu3O7-x (RE=rare-earth), and xBa2Cu3O7-x (YBCO)+BaF2 <i>Physica C: Superconductivity and Its Applications</i> , <b>2003</b> , 384, 507-513	1.3	8
21	Electrochemical growth of ZnO nano-rods on polycrystalline Zn foil. <i>Nanotechnology</i> , <b>2003</b> , 14, 968-973	3.4	66
20	Ca doping of YBCO grain boundaries. <i>Physica C: Superconductivity and Its Applications</i> , <b>2002</b> , 372-376, 1059-1062	1.3	17
19	Fabrication of YBCO thick films on Nd2CuO4 buffered Ni tapes by liquid phase epitaxy. <i>Physica C: Superconductivity and Its Applications</i> , <b>2002</b> , 372-376, 742-746	1.3	3
18	Surface oxidation of cube-textured Ni-x for the formation of a NiO buffer layer for superconducting coated conductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>2002</b> , 383, 127-139	1.3	8
17	Rapid Growth of Nd2-xCexCuO4 Thick Films as a Buffer for the Growth of Rare-earth Barium Cuprate-coated Conductors. <i>Journal of Materials Research</i> , <b>2002</b> , 17, 1-4	2.5	18
16	Study of thermal oxidation of NiO buffers on Ni-based tapes for superconductor substrates. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 351, 34-37	1.3	19
15	Crystal growth and characterisation of KTiOAsO4. <i>Journal of Crystal Growth</i> , <b>2001</b> , 224, 303-308	1.6	1
14	Vortex dynamics in superconducting MgB2 and prospects for applications. <i>Nature</i> , <b>2001</b> , 410, 563-5	50.4	183
13	High field scanning Hall probe imaging of high temperature superconductors. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2001</b> , 11, 3186-3189	1.8	26
12	Growth of strongly biaxially aligned MgB2 thin films on sapphire by postannealing of amorphous precursors. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 4001-4003	3.4	38
11	Liquid phase epitaxy processing for high temperature superconductor tapes. <i>Current Opinion in Solid State and Materials Science</i> , <b>2001</b> , 5, 291-300	12	22
10	Solubility and LPE growth of mixed REBa2Cu3O7-x (RE=Y, Yb, Er) <i>IEEE Transactions on Applied Superconductivity</i> , <b>2001</b> , 11, 2897-2900	1.8	5
9	Liquid-phase epitaxial growth of REBa2Cu3O7-x (RE=Y, Yb, Er) thick films at reduced temperatures. <i>Journal of Crystal Growth</i> , <b>2000</b> , 213, 312-318	1.6	33
8	Crystal growth of La2(WO4)3. <i>Journal of Crystal Growth</i> , <b>2000</b> , 216, 363-366	1.6	12
7	Energy upconversion processes in Er3+ and Nd3+ doped RETiNbO6 crystals. <i>Optics Communications</i> , <b>1997</b> , 140, 65-69	2	10
6	Laser heated pedestal growth and spectroscopic properties of K2NdNb5O15 and Ba2NdNbO6 crystals. <i>Chemical Physics Letters</i> , <b>1997</b> , 264, 623-630	2.5	7

- 5 Modified Czochralski growth and characterization of  $\text{RETiNbO}_6$  crystals. *Journal of Crystal Growth*, **1997**, 180, 73-80 1.6 19
- 4 Potential laser gain media with the stoichiometric formula  $\text{RETiNbO}_6$ . *Journal of Crystal Growth*, **1996**, 160, 111-118 1.6 51
- 3 Optical spectroscopy of , and single crystals. *Journal of Physics Condensed Matter*, **1996**, 8, 4837-4845 1.8 29
- 2 A New Laser Host Crystals - Lanthanum Tungstate  $\text{La}_2(\text{WO}_4)_3$ . *Physica Status Solidi A*, **1989**, 114, K127-K130 13
- 1 Growth of YBCO Thick Films on  $\text{Nd}_2\text{CuO}_4$  Buffered Substrates. *Ceramic Transactions*, 103-109 0.1