

# Yiping Guo

## List of Publications by Year in descending order

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117  
papers

7,488  
citations

66343

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118  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transitional behavior and piezoelectric properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> –LiNbO <sub>3</sub> ceramics. Applied Physics Letters, 2004, 85, 4121-4123.	3.3	1,394
2	(Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> –LiTaO <sub>3</sub> lead-free piezoelectric ceramics. Materials Letters, 2005, 59, 241-244.	2.6	582
3	Dielectric and piezoelectric properties of lead-free (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> –SrTiO <sub>3</sub> ceramics. Solid State Communications, 2004, 129, 279-284.	1.9	349
4	Structure and Electrical Properties of Lead-Free (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> -BaTiO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2004, 43, 6662-6666.	1.5	231
5	Ionic Conductivity and Air Stability of Al-Doped Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> Sintered in Alumina and Pt Crucibles. ACS Applied Materials & Interfaces, 2016, 8, 5335-5342.	8.0	229
6	Fabrication of ultralight three-dimensional graphene networks with strong electromagnetic wave absorption properties. Journal of Materials Chemistry A, 2015, 3, 3739-3747.	10.3	219
7	Large Electric Field-Induced Strain and Antiferroelectric Behavior in (1-x)(Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> -xBaTiO <sub>3</sub> Ceramics. Chemistry of Materials, 2011, 23, 219-228.	6.7	178
8	Reaction mechanisms of lithium garnet pellets in ambient air: The effect of humidity and CO <sub>2</sub> . Journal of the American Ceramic Society, 2017, 100, 2832-2839.	3.8	167
9	Li <sub>3</sub> PO <sub>4</sub> -added garnet-type Li <sub>6.5</sub> La <sub>3</sub> Zr <sub>1.5</sub> Ta <sub>0.5</sub> O <sub>12</sub> for Li-dendrite suppression. Journal of Power Sources, 2017, 354, 68-73.	7.8	150
10	Composition-induced antiferroelectric phase and giant strain in lead-free $\text{Na}_{1-x}\text{Bi}_x\text{TiO}_3$ ceramics. Applied Physics Letters, 2011, 98, 081101.	3.2	135
11	The phase transition sequence and the location of the morphotropic phase boundary region in (1-x)Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> -xBaTiO <sub>3</sub> ceramics. Applied Physics Letters, 2011, 98, 081101.	1.8	134
12	Facile synthesis of V <sup>4+</sup> -self-doped, [010] oriented BiVO <sub>4</sub> nanorods with highly efficient visible light-induced photocatalytic activity. Physical Chemistry Chemical Physics, 2014, 16, 24519-24526.	2.8	134
13	The effect of annealing on a 3D SnO <sub>2</sub> /graphene foam as an advanced lithium-ion battery anode. Scientific Reports, 2016, 6, 19195.	3.3	112
14	Evidence for oxygen vacancy or ferroelectric polarization induced switchable diode and photovoltaic effects in BiFeO <sub>3</sub> based thin films. Nanotechnology, 2013, 24, 275201.	2.6	110
15	Synthesis of Orthorhombic Perovskite-Type ZnSnO <sub>3</sub> Single-Crystal Nanoplates and Their Application in Energy Harvesting. ACS Applied Materials & Interfaces, 2017, 9, 8271-8279.	8.0	105
16	Design for Highly Piezoelectric and Visible/Near-Infrared Photoresponsive Perovskite Oxides. Advanced Materials, 2019, 31, e1805802.	21.0	101
17	Effect of composition and poling field on the properties and ferroelectric phase-stability of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> –PbTiO <sub>3</sub> crystals. Journal of Applied Physics, 2002, 92, 6134-6138.	2.5	99
18	Self-Healing Shape Memory PUPCL Copolymer with High Cycle Life. Advanced Functional Materials, 2018, 28, 1704109.	14.9	87

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19	Electro-active shape memory composites enhanced by flexible carbon nanotube/graphene aerogels. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11641-11649.	10.3	85
20	Dielectric and piezoelectric properties of highly (100)-oriented BaTiO <sub>3</sub> thin film grown on a Pt/TiO <sub>x</sub> /SiO <sub>2</sub> /Si substrate using LaNiO <sub>3</sub> as a buffer layer. <i>Journal of Crystal Growth</i> , 2005, 284, 190-196.	1.5	84
21	Ferroelectric-relaxor behavior of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> -based ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 1831-1835.	4.0	82
22	Enhanced Photovoltaic Performance of Perovskite Solar Cells Using Polymer P(VDF-TrFE) as a Processed Additive. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12980-12988.	3.1	81
23	Growth and piezoelectric properties of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> –PbTiO <sub>3</sub> crystals by the modified Bridgman technique. <i>Solid State Communications</i> , 2001, 120, 321-324.	1.9	76
24	In situ preparation of carbon/Fe <sub>3</sub> C composite nanofibers with excellent electromagnetic wave absorption properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 92, 33-41.	7.6	75
25	CoSe/Co nanoparticles wrapped by in situ grown N-doped graphitic carbon nanosheets as anode material for advanced lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 399, 223-230.	7.8	70
26	MOF-Derived Hollow Co <sub>3</sub> S <sub>4</sub> Quasi-polyhedron/MWCNT Nanocomposites as Electrodes for Advanced Lithium Ion Batteries and Supercapacitors. <i>ACS Applied Energy Materials</i> , 2018, 1, 402-410.	5.1	69
27	Multistep sintering to synthesize fast lithium garnets. <i>Journal of Power Sources</i> , 2016, 302, 291-297.	7.8	68
28	Peculiar properties of a high Curie temperature Pb(In <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> –PbTiO <sub>3</sub> single crystal grown by the modified Bridgman technique. <i>Solid State Communications</i> , 2002, 123, 417-420.	1.9	67
29	Dielectric and ferroelectric properties of highly (100)-oriented (Na <sub>0.5</sub> Bi <sub>0.5</sub> ) <sub>0.94</sub> Ba <sub>0.06</sub> TiO <sub>3</sub> thin films grown on LaNiO <sub>3</sub> /l <sup>3</sup> -Al <sub>2</sub> O <sub>3</sub> /Si substrates by chemical solution deposition. <i>Solid State Sciences</i> , 2008, 10, 928-933.	3.2	66
30	Synthesis of hierarchical TS-1 zeolite via a novel three-step crystallization method and its excellent catalytic performance in oxidative desulfurization. <i>Fuel</i> , 2017, 188, 232-238.	6.4	65
31	Enhanced Photovoltaic Effect in BiVO <sub>4</sub> Semiconductor by Incorporation with an Ultrathin BiFeO <sub>3</sub> Ferroelectric Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6925-6929.	8.0	60
32	Facile synthesis of hierarchical TS-1 zeolite without using mesopore templates and its application in deep oxidative desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 61-68.	4.4	58
33	Superflexible and Lead-Free Piezoelectric Nanogenerator as a Highly Sensitive Self-Powered Sensor for Human Motion Monitoring. <i>Nano-Micro Letters</i> , 2021, 13, 117.	27.0	57
34	Dependence of high electric-field-induced strain on the composition and orientation of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> –PbTiO <sub>3</sub> crystals. <i>Solid State Communications</i> , 2003, 126, 347-351.	1.9	56
35	Highly-efficient piezocatalytic performance of nanocrystalline BaTi <sub>0.89</sub> Sn <sub>0.11</sub> O <sub>3</sub> catalyst with T <sub>c</sub> near room temperature. <i>Nano Energy</i> , 2021, 85, 106028.	16.0	56
36	Enhanced photovoltaic properties in polycrystalline BiFeO <sub>3</sub> thin films with rhombohedral perovskite structure deposited on fluorine doped tin oxide substrates. <i>Materials Letters</i> , 2012, 88, 140-142.	2.6	55

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37	Piezoelectric thin film on glass fiber fabric with structural hierarchy: An approach to high-performance, superflexible, cost-effective, and large-scale nanogenerators. <i>Nano Energy</i> , 2019, 59, 745-753.	16.0	54
38	Visible or Near-Infrared Light Self-Powered Photodetectors Based on Transparent Ferroelectric Ceramics. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 33950-33959.	8.0	54
39	Photovoltaic properties of BiFeO <sub>3</sub> thin film capacitors by using Al-doped zinc oxide as top electrode. <i>Materials Letters</i> , 2013, 91, 359-361.	2.6	53
40	Antiferroelectric Phase and Pyroelectric Response in (NayBiz)Ti1-xO3(1-x)BaTiO3 Ceramics. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1350-1353.	3.8	49
41	Three dimensional Graphene aerogels as binder-less, freestanding, elastic and high-performance electrodes for lithium-ion batteries. <i>Scientific Reports</i> , 2016, 6, 27365.	3.3	49
42	3D composites of layered MoS <sub>2</sub> and graphene nanoribbons for high performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13148-13154.	10.3	47
43	Engineering the Defects and Microstructures in Ferroelectrics for Enhanced/Novel Properties: An Emerging Way to Cope with Energy Crisis and Environmental Pollution. <i>Advanced Science</i> , 2022, 9, e2105368.	11.2	46
44	A facile method to fabricate polyurethane based graphene foams/epoxy/carbon nanotubes composite for electro-active shape memory application. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 91, 292-300.	7.6	43
45	Dielectric Modulated Glass Fiber Fabric-Based Single Electrode Triboelectric Nanogenerator for Efficient Biomechanical Energy Harvesting. <i>Advanced Functional Materials</i> , 2021, 31, 2102431.	14.9	43
46	Domain Configuration and Ferroelectric Related Properties of the (110)Cuts of Relaxor-Based Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -PbTiO <sub>3</sub> Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 1451-1454.	1.5	40
47	Trap-State Passivation by Nonvolatile Small Molecules with Carboxylic Acid Groups for Efficient Planar Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14223-14228.	3.1	40
48	Ferroelectric and pyroelectric properties of (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> -BaTiO <sub>3</sub> based trilayered thin films. <i>Thin Solid Films</i> , 2009, 517, 2974-2978.	1.8	39
49	Cholecystokinin release triggered by NMDA receptors produces LTP and sound-associated memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6397-6406.	7.1	38
50	Lead-free BiFeO <sub>3</sub> film on glass fiber fabric: Wearable hybrid piezoelectric-triboelectric nanogenerator. <i>Ceramics International</i> , 2021, 47, 3573-3579.	4.8	37
51	Enhanced Photovoltaic Performance in Polycrystalline BiFeO <sub>3</sub> Thin Film/ZnO Nanorod Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15200-15206.	3.1	35
52	Self-powered flexible piezoelectric sensors based on self-assembled 10 nm BaTiO <sub>3</sub> nanocubes on glass fiber fabric. <i>Nano Energy</i> , 2022, 99, 107400.	16.0	35
53	Facile preparation of highly cost-effective BaSO <sub>4</sub> @BiVO <sub>4</sub> core-shell structured brilliant yellow pigment. <i>Dyes and Pigments</i> , 2016, 128, 49-53.	3.7	34
54	Ternary oxide BaSnO <sub>3</sub> nanoparticles as an efficient electron-transporting layer for planar perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2017, 722, 196-206.	5.5	32

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55	Synthesis of hierarchically porous TS-1 zeolite with excellent deep desulfurization performance under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 272-280.	4.4	32
56	High Coulombic Efficiency Carbon/Li Clusters Composite Anode without Precycling or Prelithiation. <i>Small</i> , 2018, 14, e1802226.	10.0	31
57	Electric-field-induced strain and piezoelectric properties of a high Curie temperature $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ single crystal. <i>Materials Research Bulletin</i> , 2003, 38, 857-864.	5.2	30
58	Photoelectrochemical response and electronic structure analysis of mono-dispersed cuboid-shaped $\text{Bi}_2\text{Fe}_4\text{O}_9$ crystals with near-infrared absorption. <i>RSC Advances</i> , 2014, 4, 28209-28218.	3.6	29
59	Boosting piezoelectric response of KNN-based ceramics with strong visible light absorption. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6422-6426.	3.8	29
60	Phase transition and piezoelectric properties of dense $(\text{K}_{0.48}\text{Na}_{0.52})_{0.95}\text{Li}_{0.05}\text{SbNb}(\text{O}_3-0.03\text{Ca}_0.5(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.5}\text{ZrO}_3$ lead free ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 664, 503-509.	5.5	28
61	Structure and electrical properties of trilayered $\text{BaTiO}_3/(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3$ $\text{BaTiO}_3/\text{BaTiO}_3$ thin films deposited on Si substrate. <i>Solid State Communications</i> , 2009, 149, 14-17.	1.9	27
62	Visible/near-infrared light absorbed nano-ferroelectric for efficient photo-piezocatalytic water splitting and pollutants degradation. <i>Journal of Hazardous Materials</i> , 2021, 416, 125808.	12.4	27
63	Continuously enhanced photoactivity of hierarchical $\text{Bi}_2\text{O}_3/\text{Bi}_2\text{S}_3$ heterostructure derived from novel $\text{BiO}_2\text{CH}_3$ octagonal nanoplates. <i>Applied Catalysis A: General</i> , 2016, 514, 146-153.	4.3	26
64	Fabricating fast triggered electro-active shape memory graphite/silver nanowires/epoxy resin composite from polymer template. <i>Scientific Reports</i> , 2017, 7, 5535.	3.3	26
65	Direct auditory cortical input to the lateral periaqueductal gray controls sound-driven defensive behavior. <i>PLoS Biology</i> , 2019, 17, e3000417.	5.6	26
66	Boosting the Photocatalytic Ability of Bandgap Engineered $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3$ $\text{BaTiO}_3$ by Ni Codoping. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11810-11818.	3.1	26
67	Mechanically and electrically robust, electro-spun PVDF/PMMA blend films for durable triboelectric nanogenerators. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 157, 106914.	7.6	25
68	Response of intergrown microstructure to an electric field and its consequences in the lead-free piezoelectric bismuth sodium titanate. <i>Journal of Solid State Chemistry</i> , 2012, 187, 309-315.	2.9	24
69	Encoding and Retrieval of Artificial Visuoauditory Memory Traces in the Auditory Cortex Requires the Entorhinal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 9963-9974.	3.6	24
70	Ferroelectric and pyroelectric properties of highly (110)-oriented $\text{Pb}(\text{Zr}_{0.40}\text{Ti}_{0.60})\text{O}_3$ thin films grown on $\text{Pt}/\text{LaNiO}_3/\text{SiO}_2/\text{Si}$ substrates. <i>Applied Physics Letters</i> , 2007, 90, 232908.	3.3	23
71	Facile preparation of hierarchical titanium silicalite-1 (TS-1) with efficient oxidation of cyclic alkenes using PVA modified MWCNTs as templates. <i>Journal of Alloys and Compounds</i> , 2017, 699, 386-391.	5.5	23
72	Hierarchically designed nanocomposites for triboelectric nanogenerator toward biomechanical energy harvester and smart home system. <i>Nano Energy</i> , 2022, 95, 107047.	16.0	23

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73	A correlated electron diffraction, <i>in situ</i> neutron diffraction and dielectric properties investigation of poled (1-x)Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -xBaTiO <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	21
74	A green method to prepare TiO <sub>2</sub> /MWCNT nanocomposites with high photocatalytic activity and insights into the effect of heat treatment on photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 13430-13436.	3.6	20
75	Facile preparation of high-quality perovskites for efficient solar cells via a fast conversion of wet PbI <sub>2</sub> precursor films. <i>RSC Advances</i> , 2017, 7, 22492-22500.	3.6	20
76	Understanding the Role of Oxygen Vacancy in Visible-Near-Infrared Light-Absorbing Ferroelectric Perovskite Oxides Created by Off-Stoichiometry. <i>Advanced Electronic Materials</i> , 2019, 5, 1900407.	5.1	20
77	Dielectric and optical properties of BiFeO <sub>3</sub> -(Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> thin films deposited on Si substrate using LaNiO <sub>3</sub> as buffer layer for photovoltaic devices. <i>Journal of Alloys and Compounds</i> , 2012, 513, 154-158.	5.5	19
78	Sequential EMT-MET induces neuronal conversion through Sox2. <i>Cell Discovery</i> , 2017, 3, 17017.	6.7	19
79	Photoelectric properties of BiVO <sub>4</sub> thin films deposited on fluorine doped tin oxide substrates by a modified chemical solution deposition process. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 5569-5574.	7.1	18
80	Enhanced Visible Photocatalytic Hydrogen Evolution of KN-Based Semiconducting Ferroelectrics <i>via</i> Band-Gap Engineering and High-Field Poling. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 8916-8930.	8.0	18
81	Visible-light photocatalytic hydrogen production in a narrow-bandgap semiconducting La/Ni-modified KNbO <sub>3</sub> ferroelectric and further enhancement <i>via</i> high-field poling. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7238-7250.	10.3	18
82	Thickness Dependence of Electrical Properties of Highly (100)-Oriented BaTiO <sub>3</sub> Thin Films Prepared by One-Step Chemical Solution Deposition. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 855-859.	1.5	17
83	5-HT <sub>2</sub> receptors mediate functional modulation of GABA <sub>A</sub> receptors and inhibitory synaptic transmissions in human iPSC-derived neurons. <i>Scientific Reports</i> , 2016, 6, 20033.	3.3	17
84	Reprogramming somatic cells to cells with neuronal characteristics by defined medium both in vitro and in vivo. <i>Cell Regeneration</i> , 2015, 4, 4:12.	2.6	16
85	Composition induced rhombohedral-tetragonal phase boundary and high piezoelectric activity in (K) Tj ETQq1 1 0.784314 rgBT /O Solid State Communications, 2017, 259, 29-33.	1.9	16
86	Antagonism between the transcription factors NANOG and OTX2 specifies rostral or caudal cell fate during neural patterning transition. <i>Journal of Biological Chemistry</i> , 2018, 293, 4445-4455.	3.4	16
87	Achieving Ultrahigh Photocurrent Density of Mg/Mn-Modified KNbO <sub>3</sub> Ferroelectric Semiconductors by Bandgap Engineering and Polarization Maintenance. <i>Chemistry of Materials</i> , 2022, 34, 4274-4285.	6.7	15
88	Dielectric and tunable properties of highly (110)-oriented (Ba <sub>0.65</sub> Sr <sub>0.35</sub> )TiO <sub>3</sub> thin films deposited on Pt/LaNiO <sub>3</sub> /SiO <sub>2</sub> /Si substrates. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 66-70.	2.4	14
89	Solvent-assisted growth of organic-inorganic hybrid perovskites with enhanced photovoltaic performances. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 360-368.	6.2	14
90	Visuoauditory Associative Memory Established with Cholecystokinin Under Anesthesia Is Retrieved in Behavioral Contexts. <i>Journal of Neuroscience</i> , 2020, 40, 2025-2037.	3.6	14



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91	Excellent thermal stability and enhanced piezoelectric performance of Bi(Ni <sub>2/3</sub> Nb <sub>1/3</sub> )O <sub>3</sub> -modified BiFeO <sub>3</sub> -BaTiO <sub>3</sub> ceramics. <i>Journal of the American Ceramic Society</i> , 2022, 105, 317-326.	3.8	14
92	Facile synthesis of mesoporous kaolin catalyst carrier and its application in deep oxidative desulfurization. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110415.	4.4	13
93	Photovoltaic effect of a bilayer thin film with (Na <sub>0.5</sub> Bi <sub>0.5</sub> ) <sub>1-x</sub> Ba <sub>x</sub> TiO <sub>3</sub> /BiFeO <sub>3</sub> heterostructure. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 365304.	2.2	12
94	Oxygen vacancies induced self-assembling synthesis of V <sup>4+</sup> -BiVO <sub>4</sub> /rGO core-shell nanorods with enhanced water splitting efficiency and superior sewage purification capability. <i>Applied Catalysis A: General</i> , 2016, 526, 105-112.	4.3	12
95	3D composites of ZnSnO <sub>3</sub> nanoplates/reduced graphene oxide aerogels as an advanced lithium-ion battery anode. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5299-5306.	2.2	12
96	Phase structure, microstructure, and piezoelectric properties of potassium-sodium niobate-based lead-free ceramics modified by Ca. <i>Journal of Alloys and Compounds</i> , 2017, 693, 950-954.	5.5	10
97	Optical properties of BiFeO <sub>3</sub> (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> thin films deposited on glass substrates by chemical solution deposition. <i>Materials Letters</i> , 2012, 71, 60-62.	2.6	9
98	Activation of 5-HT <sub>2A/C</sub> receptor reduces glycine receptor-mediated currents in cultured auditory cortical neurons. <i>Amino Acids</i> , 2016, 48, 349-356.	2.7	9
99	Retrograde monosynaptic tracing through an engineered human embryonic stem cell line reveals synaptic inputs from host neurons to grafted cells. <i>Cell Regeneration</i> , 2019, 8, 1-8.	2.6	9
100	Piezoelectric Nanogenerators Based on Self-Poled Two-Dimensional Li-Doped ZnO Microdisks. <i>Journal of Electronic Materials</i> , 2019, 48, 2886-2894.	2.2	9
101	The performance of Pt bottom electrode and PZT films deposited on Al <sub>2</sub> O <sub>3</sub> /Si substrate by using LaNiO <sub>3</sub> film as an adhesion layer. <i>Solid State Communications</i> , 2008, 145, 413-417.	1.9	8
102	Single-Nucleus Chromatin Accessibility Landscape Reveals Diversity in Regulatory Regions Across Distinct Adult Rat Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 651355.	2.9	8
103	Highly piezoelectric lead-free ceramic powder: An efficient and eco-friendly multifunctional photocatalyst. <i>Ceramics International</i> , 2020, 46, 25266-25272.	4.8	7
104	Physical exercise promotes integration of grafted cells and functional recovery in an acute stroke rat model. <i>Stem Cell Reports</i> , 2022, 17, 276-288.	4.8	7
105	Bandgap-engineered ferroelectric single-crystalline NBT-BT based nanocomposites with excellent visible light-ultrasound catalytic performance. <i>Chemosphere</i> , 2022, 306, 135543.	8.2	7
106	Size-controlled synthesis of BiFeO <sub>3</sub> nanoparticles by a facile and stable sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10803-10809.	2.2	6
107	A three dimensional sulfur/reduced graphene oxide with embedded carbon nanotubes composite as a binder-free, free-standing cathode for lithium-sulfur batteries. <i>RSC Advances</i> , 2017, 7, 43483-43490.	3.6	5
108	Photovoltaic effect of TiO <sub>2</sub> thick films with an ultrathin BiFeO <sub>3</sub> as buffer layer. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 1301-1306.	2.3	4

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109	Activation of 5-HT 2A/2C receptors reduces the excitability of cultured cortical neurons. <i>Neuroscience Letters</i> , 2016, 632, 124-129.	2.1	4
110	Tailoring the Piezoelectric and Photoluminescence Properties of Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -K <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -BaTiO <sub>3</sub> -Based Multifunctional Ceramics with Sm Doping. <i>Journal of Electronic Materials</i> , 2020, 49, 4923-4928.	2.2	4
111	CHEMICAL SOLUTION DEPOSITION AND ELECTRICAL PROPERTIES OF (100)-PREDOMINANT BaTiO <sub>3</sub> THICKER FILMS. <i>Integrated Ferroelectrics</i> , 2007, 88, 51-57.	0.7	3
112	Time course of the dependence of associative memory retrieval on the entorhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 155-161.	1.9	3
113	Efficient induction of neural progenitor cells from human ESC/iPSCs on Type I Collagen. <i>Science China Life Sciences</i> , 2021, 64, 2100-2113.	4.9	3
114	Hypoproliferative human neural progenitor cell xenografts survived extendedly in the brain of immunocompetent rats. <i>Stem Cell Research and Therapy</i> , 2021, 12, 376.	5.5	3
115	Preparation and Dielectric Characteristics of Semitransparent CoFe <sub>2</sub> O <sub>4</sub> â€P(VDF-TrFE) Nanocomposite Films. <i>Journal of Electronic Materials</i> , 2013, 42, 734-738.	2.2	1
116	An economic method to build a puffing instrument for drug application in vitro. <i>Journal of Neuroscience Methods</i> , 2015, 256, 122-126.	2.5	1
117	Structural Disorder in the Key Lead-Free Piezoelectric Materials, and. <i>Advances in Condensed Matter Physics</i> , 2013, 2013, 1-5.	1.1	0