Dunmin Lin

List of Publications by Year
in descending order

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202	7,559	44069	74163
papers	citations	48 h-index	75 g-index

202	202	202	5942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mn-Doped NiFe Layered Double Hydroxide Nanosheets Decorated by Co(OH)2 Nanosheets: A 3-Dimensional Coreâ€“Shell Catalyst for Efficient Oxygen Evolution Reaction. Catalysis Letters, 2022, 152, 1719-1728.	2.6	5
2	Constructing NiS2/NiSe2 heteroboxes with phase boundaries for Sodium-Ion batteries. Journal of Colloid and Interface Science, 2022, 607, 752-759.	9.4	36
3	MoO42â^'-mediated engineering of Na3V2(PO4)3 as advanced cathode materials for sodium-ion batteries. Journal of Colloid and Interface Science, 2022, 606, 1897-1905.	9.4	17
4	High-capacity CoP-Mn3P nanoclusters heterostructures derived by Co2MnO4 as advanced electrodes for supercapacitors. Journal of Colloid and Interface Science, 2022, 611, 654-661.	9.4	14
5	In-situ regulation of zinc metal surface for Dendrite-Free Zinc-ion hybrid supercapacitors. Journal of Colloid and Interface Science, 2022, 614, 205-213.	9.4	16
6	Electric-Field-Assisted Alkaline Hydrolysis of Metalâ€“Organic Framework Bulk into Highly Porous Hydroxide for Energy Storage and Electrocatalysis. Inorganic Chemistry, 2022, 61, 4948-4956.	4.0	3
7	Insights into Zn anode surface chemistry for dendrite-free Zn ion batteries. Journal of Materials Chemistry A, 2022, 10, 11288-11297.	10.3	13
8	An efficient electrolyte additive of tetramethylammonium sulfate hydrate for Dendritic-Free zinc anode for aqueous Zinc-ion batteries. Journal of Colloid and Interface Science, 2022, 627, 367-374.	9.4	32
9	B (boron), O (oxygen) dual-doped carbon spheres as a high-efficiency electrocatalyst for nitrogen reduction. International Journal of Hydrogen Energy, 2021, 46, 439-448.	7.1	22
10	Ultrathin vanadium hydroxide nanosheets assembled on the surface of Niâ€“Fe-layered hydroxides as hierarchical catalysts for the oxygen evolution reaction. Dalton Transactions, 2021, 50, 1053-1059.	3.3	8
11	Large energy storage density and efficiency of Sm2O3-doped Ba0.85Ca0.15Zr0.08Ti0.92O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 9650-9660.	2.2	9
12	pH-Controlled Assembly of Two Polynuclear Dy(III)-Containing Polytungstoarsenates with Magnetic and Luminescence Properties. Inorganic Chemistry, 2021, 60, 7519-7526.	4.0	14
13	Hornwort-like hollow porous MoO3/NiF2 heterogeneous nanowires as high-performance electrocatalysts for efficient water oxidation. Electrochimica Acta, 2021, 379, 138146.	5.2	16
14	An oxygen-deficient cobalt-manganese oxide nanowire doped with P designed for high performance asymmetric supercapacitor. Electrochimica Acta, 2021, 379, 138178.	5.2	38
15	Metalâ€“Organic Framework-Derived ZnSe- and Co_{0.85}Se-Filled Porous Nitrogen-Doped Carbon Nanocubes Interconnected by Reduced Graphene Oxide for Sodium-Ion Battery Anodes. Inorganic Chemistry, 2021, 60, 11693-11702.	4.0	24
16	Highly Enhanced OER Performance by Er-Doped Fe-MOF Nanoarray at Large Current Densities. Nanomaterials, 2021, 11, 1847.	4.1	8
17	SnS2-CoS2@C nanocubes as high initial coulombic efficiency and long-life anodes for sodium-ion batteries. Electrochimica Acta, 2021, 387, 138525.	5.2	23
18	Electrochemical Anion-Exchanged synthesis of porous Ni/Co hydroxide nanosheets for Ultrahigh-Capacitance supercapacitors. Journal of Colloid and Interface Science, 2021, 600, 256-263.	9.4	19

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19	Enhancing electrochemical performance of electrode material via combining defect and heterojunction engineering for supercapacitors. Journal of Colloid and Interface Science, 2021, 599, 68-78.	9.4	37
20	An in-situ electrodeposited cobalt selenide promotor for polysulfide management targeted stable Lithiumâ€“Sulfur batteries. Journal of Colloid and Interface Science, 2021, 600, 278-287.	9.4	10
21	Self-supported wire-in-plate NiFeS/CoS nanohybrids with a hierarchical structure for efficient overall water splitting. Dalton Transactions, 2021, 50, 5921-5930.	3.3	23
22	Coreâ€“shell nanostructured Znâ€“Coâ€“O@CoS arrays for high-performance hybrid supercapacitors. Dalton Transactions, 2021, 50, 4923-4931.	3.3	23
23	Rational design of flower-like Coâ€“Zn LDH@Co(H₂PO₄)₂ heterojunctions as advanced electrode materials for supercapacitors. Dalton Transactions, 2021, 50, 4643-4650.	3.3	17
24	Hydrothermal temperature-driven evolution of morphology and electrocatalytic properties of hierarchical nanostructured CoFe-LDHs as highly efficient electrocatalysts for oxygen evolution reactions. Dalton Transactions, 2021, 51, 211-219.	3.3	4
25	Enhanced energy storage properties of BNT-based ceramics by maintaining the high saturation polarization. Ferroelectrics, 2021, 584, 212-220.	0.6	3
26	Core-shell MnO2@CoS nanosheets with oxygen vacancies for high-performance supercapattery. Journal of Power Sources, 2020, 446, 227335.	7.8	133
27	Bimetalâ€“organic framework MIL-53(Coâ€“Fe): an efficient and robust electrocatalyst for the oxygen evolution reaction. Nanoscale, 2020, 12, 67-71.	5.6	98
28	Modulation of defects and electrical behaviors of Cu-doped KNN ceramics by fluorineâ€“oxygen substitution. Dalton Transactions, 2020, 49, 1311-1318.	3.3	22
29	CoS2 embedded graphitic structured N-doped carbon spheres interlinked by rGO as anode materials for high-performance sodium-ion batteries. Electrochimica Acta, 2020, 332, 135453.	5.2	65
30	Vanadium Doped Nickel Phosphide Nanosheets Selfâ€Assembled Microspheres as a Highâ€Efficiency Oxygen Evolution Catalyst. ChemCatChem, 2020, 12, 917-925.	3.7	22
31	Construction of reduced graphene oxide wrapped yolkâ€“shell vanadium dioxide sphere hybrid host for high-performance lithiumâ€“sulfur batteries. Dalton Transactions, 2020, 49, 14921-14930.	3.3	8
32	Improving electrochemical performance of Na3(VPO4)2O2F cathode materials for sodium ion batteries by constructing conductive scaffold. Electrochimica Acta, 2020, 337, 135816.	5.2	28
33	A high-performance oxygen evolution electrocatalyst based on partially amorphous bimetallic cobalt iron boride nanosheet. International Journal of Hydrogen Energy, 2020, 45, 28586-28597.	7.1	15
34	Nanostructured bimetallic Niâ€“Fe phosphide nanoplates as an electrocatalyst for efficient N2 fixation under ambient conditions. Journal of Materials Science, 2020, 55, 15252-15262.	3.7	10
35	CoMnFe hydroxysulfide nanowire@Ni(OH)2 nanorod arrays as self-supporting electrodes for high-efficiency oxygen evolution reaction. Electrochimica Acta, 2020, 356, 136793.	5.2	9
36	Modulation of the Crystal Structure and Ultralong Life Span of a Na₃V₂(PO₄)₃-Based Cathode for a High-Performance Sodium-Ion Battery by Niobiumâ€“Vanadium Substitution. Industrial & Engineering Chemistry Research, 2020, 59, 21039-21046.	3.7	15

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37	Enhanced energy density and discharged efficiency of lead-free relaxor (1-x)[(Bi0.5Na0.5)0.94Ba0.06]0.98La0.02TiO3-xKNb0.6Ta0.4O3 ceramic capacitors. Chemical Engineering Journal, 2020, 394, 124879.	12.7	101
38	Core-shell nanostructured ZnO@CoS arrays as advanced electrode materials for high-performance supercapacitors. Electrochimica Acta, 2020, 354, 136711.	5.2	26
39	Functional separators prepared via in-situ growth of hollow CoSO4 hydrate arrays on pristine polypropylene membrane for high performance lithium-Sulfur batteries. Journal of Alloys and Compounds, 2020, 838, 155618.	5.5	23
40	Tailored multifunctional hybrid cathode substrate configured with carbon nanotube-modified polar Co(PO3)2/CoP nanoparticles embedded nitrogen-doped porous-shell carbon polyhedron for high-performance lithiumâ€“sulfur batteries. Journal of Colloid and Interface Science, 2020, 575, 220-230.	9.4	28
41	Cyclingâ€•and heatingâ€•induced evolution of piezoelectric and ferroelectric properties of CuOâ€•doped K_{0.5}Na_{0.5}NbO₃ ceramic. Journal of the American Ceramic Society, 2019, 102, 351-361.	3.8	29
42	Construction of NiFeP/CoP nanosheets/nanowires hierarchical array as advanced electrocatalysts for water oxidation. International Journal of Hydrogen Energy, 2019, 44, 19986-19994.	7.1	40
43	Ultrathin amorphous CoFeP nanosheets derived from CoFe LDHs by partial phosphating as excellent bifunctional catalysts for overall water splitting. Electrochimica Acta, 2019, 323, 134595.	5.2	58
44	Oneâ€•Step Synthesis of a Coralâ€•Like Cobalt Iron Oxyhydroxide Porous Nanoarray: An Efficient Catalyst for Oxygen Evolution Reactions. ChemPlusChem, 2019, 84, 1681-1687.	2.8	13
45	A Porous Carbon Polyhedron/Carbon Nanotube Based Hybrid Material as Multifunctional Sulfur Host for Highâ€•Performance Lithiumâ€•Sulfur Batteries. ChemElectroChem, 2019, 6, 3410-3419.	3.4	27
46	Phase coexistence induced strong piezoelectricity in K_{0.5}Na_{0.5}NbO₃-based lead-free ceramics. Dalton Transactions, 2019, 48, 10676-10682.	3.3	17
47	A three-dimensional conductive cross-linked all-carbon network hybrid as a sulfur host for high performance lithium-sulfur batteries. Journal of Colloid and Interface Science, 2019, 552, 91-100.	9.4	65
48	Unique nanosheetâ€“nanowire structured CoMnFe layered triple hydroxide arrays as self-supporting electrodes for a high-efficiency oxygen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 13130-13141.	10.3	67
49	Enhanced Cycling Stability and Rate Capability in a La-Doped Na₃V₂(PO₄)₃/C Cathode for High-Performance Sodium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 7693-7699.	6.7	53
50	One-step synthesis of wire-in-plate nanostructured materials made of CoFe-LDH nanoplates coupled with Co(OH)₂ nanowires grown on a Ni foam for a high-efficiency oxygen evolution reaction. Chemical Communications, 2019, 55, 4218-4221.	4.1	75
51	Synergistic confining polysulfides by rational design a N/P co-doped carbon as sulfur host and functional interlayer for high-performance lithiumâ€“sulfur batteries. Journal of Power Sources, 2019, 421, 23-31.	7.8	100
52	High energy storage density and discharging efficiency in La3+/Nb5+-co-substituted (Bi0.5Na0.5)0.94Ba0.06TiO3 ceramics. Journal of the European Ceramic Society, 2019, 39, 3051-3056.	5.7	64
53	An effective approach to achieve high energy storage density and efficiency in BNT-based ceramics by doping AgNbO₃. Dalton Transactions, 2019, 48, 17864-17873.	3.3	46
54	Three-terminal memtransistors based on two-dimensional layered gallium selenide nanosheets for potential low-power electronics applications. Nano Energy, 2019, 57, 566-573.	16.0	100

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55	Nitrogen and oxygen dual-doped hierarchical porous carbon derived from rapeseed meal for high performance lithiumâ€“sulfur batteries. Journal of Solid State Chemistry, 2019, 270, 500-508.	2.9	29
56	Hierarchically structured bimetallic electrocatalyst synthesized via template-directed fabrication MOF arrays for high-efficiency oxygen evolution reaction. Electrochimica Acta, 2019, 298, 525-532.	5.2	51
57	CNT-assembled dodecahedra core@nickel hydroxide nanosheet shell enabled sulfur cathode for high-performance lithium-sulfur batteries. Nano Energy, 2019, 55, 82-92.	16.0	185
58	Defect-relevant piezoelectric and ferroelectric properties in LiCuTa3O9-doped K0.5Na0.5NbO3 lead-free piezoceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 2563-2571.	2.2	5
59	Enhancement in electrochemical performance of nitrogen-doped hierarchical porous carbon-based supercapacitor by optimizing activation temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 2600-2609.	2.2	15
60	Sulfur-encapsulated in heteroatom-doped hierarchical porous carbon derived from goat hair for high performance lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2019, 30, 121-131.	12.9	127
61	Excellent rate capability and cycling stability in Li+-conductive Li2SnO3-coated LiNi0.5Mn1.5O4 cathode materials for lithium-ion batteries. Dalton Transactions, 2018, 47, 7020-7028.	3.3	39
62	Reducing Grain Size and Enhancing Luminescence of NaYF₄:Yb³⁺, Er³⁺ Upconversion Materials. Crystal Growth and Design, 2018, 18, 808-817.	3.0	23
63	Phase coexistence and large piezoelectricity in BaTiO₃â€CaSnO₃ leadâ€free ceramics. Journal of the American Ceramic Society, 2018, 101, 2594-2605.	3.8	31
64	Coexistence of three ferroelectric phases and enhanced piezoelectric properties in BaTiO3â€“CaHfO3 lead-free ceramics. Journal of the European Ceramic Society, 2018, 38, 557-566.	5.7	34
65	A coreâ€“shell structured LiNi_{0.5}Mn_{1.5}O₄@LiCoO₂ cathode material with superior rate capability and cycling performance. Dalton Transactions, 2018, 47, 367-375.	3.3	22
66	Novel sustainable nitrogen, iodine-dual-doped hierarchical porous activated carbon as a superior host material for high performance lithium-sulfur batteries. International Journal of Hydrogen Energy, 2018, 43, 20022-20032.	7.1	20
67	An Eco-friendly Microorganism Method To Activate Biomass for Cathode Materials for High-Performance Lithiumâ€“Sulfur Batteries. Energy & Fuels, 2018, 32, 9997-10007.	5.1	43
68	Waste soybean dreg-derived N/O co-doped hierarchical porous carbon for high performance supercapacitor. Electrochimica Acta, 2018, 284, 336-345.	5.2	130
69	Defect structure, ferroelectricity and piezoelectricity in Fe/Mn/Cu-doped K0.5Na0.5NbO3 lead-free piezoelectric ceramics. Journal of the European Ceramic Society, 2018, 38, 4915-4921.	5.7	50
70	A reduced graphene oxide/nitrogen, phosphorus doped porous carbon hybrid framework as sulfur host for high performance lithium-sulfur batteries. Carbon, 2018, 140, 30-40.	10.3	66
71	Rational design of a multidimensional N-doped porous carbon/MoS₂/CNT nano-architecture hybrid for high performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2018, 6, 13835-13847.	10.3	93
72	Red/Blue-Shift Dual-Directional Regulation in Blue-Emitting Ca0.8Ba1.2SiO4:Eu2+ Phosphor on Incorporation of Eu2+/Mg2+ Ions. Journal of Electronic Materials, 2017, 46, 1777-1786.	2.2	9

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73	Anneal-induced transformation of phase structure, morphology and luminescence of GdPO₄:Sm³⁺ nanomaterials synthesized by a hydrothermal method. Dalton Transactions, 2017, 46, 2948-2956.	3.3	28
74	Enhanced Electrochemical Performance in Niâ€Doped LiMn₂O₄â€Based Composite Cathodes for Lithiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 1362-1371.	3.4	17
75	High-frequency current sensor based on lead-free multiferroic BiFeO 3 -BaTiO 3 -based ceramics. Measurement: Journal of the International Measurement Confederation, 2017, 104, 287-293.	5.0	10
76	Activator-induced tuning of micromorphology and electrochemical properties in biomass carbonaceous materials derived from mushroom for lithium-sulfur batteries. Electrochimica Acta, 2017, 242, 146-158.	5.2	44
77	A superior Li2SiO3-Composited LiNi0.5Mn1.5O4 Cathode for High-Voltage and High-Performance Lithium-ion Batteries. Electrochimica Acta, 2017, 235, 19-31.	5.2	43
78	Strong piezoelectricity and multiferroicity in BiFeO3â€“BaTiO3â€“NdCoO3 lead-free piezoelectric ceramics with high Curie temperature for current sensing application. Journal of Materials Science: Materials in Electronics, 2017, 28, 5531-5547.	2.2	16
79	Nitrogenâ€Doped Hierarchical Porous Carbon Framework Derived from Waste Pig Nails for Highâ€Performance Supercapacitors. ChemElectroChem, 2017, 4, 3181-3187.	3.4	41
80	A high-efficiency N/P co-doped graphene/CNT@porous carbon hybrid matrix as a cathode host for high performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2017, 5, 20458-20472.	10.3	121
81	Defectâ€driven evolution of piezoelectric and ferroelectric properties in CuSb₂O₆â€doped K_{0.5}Na_{0.5}NbO₃ leadâ€free ceramics. Journal of the American Ceramic Society, 2017, 100, 5610-5619.	3.8	27
82	Fluoride Source-Induced Tuning of Morphology and Optical Properties of YF₃:Eu³⁺, Bi³⁺ and Its Application for Luminescent Inks. Crystal Growth and Design, 2017, 17, 4810-4818.	3.0	15
83	Morphology-controlled synthesis, growth mechanism and fluorescence of YF3:Eu3+, Bi3+. Materials Research Bulletin, 2017, 95, 483-490.	5.2	13
84	Origin of superior hardening properties in KCuTa3O9-doped K0.5Na0.5NbO3 lead-free piezoelectric ceramics. Ceramics International, 2017, 43, 15666-15677.	4.8	17
85	A sustainable hierarchical carbon derived from cultivated fibroid fungus for high performance lithiumâ€“sulfur batteries. RSC Advances, 2017, 7, 47407-47415.	3.6	13
86	Ni3N@Ni-Ci nanoarray as a highly active and durable non-noble-metal electrocatalyst for water oxidation at near-neutral pH. Journal of Catalysis, 2017, 356, 165-172.	6.2	140
87	Sn-doped Li1.2Mn0.54Ni0.13Co0.13O2 cathode materials for lithium-ion batteries with enhanced electrochemical performance. Journal of Solid State Electrochemistry, 2017, 21, 3467-3477.	2.5	27
88	Structure and luminescent properties of Ca3Bi(PO4)3:Sm3+ orange phosphor. Journal of Materials Science: Materials in Electronics, 2017, 28, 2826-2832.	2.2	11
89	La2O3-coated Li1.2Mn0.54Ni0.13Co0.13O2 as cathode materials with enhanced specific capacity and cycling stability for lithium-ion batteries. Ceramics International, 2016, 42, 15623-15633.	4.8	39
90	Cation-Induced Variation of Micromorphology and Luminescence Properties of Tungstate Phosphors by a Hydrothermal Method. Inorganic Chemistry, 2016, 55, 12944-12952.	4.0	16

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91	Cloud cap-like, hierarchically porous carbon derived from mushroom as an excellent host cathode for high performance lithium-sulfur batteries. Electrochimica Acta, 2016, 212, 1021-1030.	5.2	70
92	Multiple improvement in piezoelectricity, ferroelectricity, and fluorescence of 0.94(Bi_{0.984}Er_{0.016}Na)_{0.5}TiO₃â€“0.06BaTiO₃ by optimizing sintering temperature/dwell time. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 60-67.	1.8	0
93	Phase structure and electrochemical performance of layered-spinel integrated LiNi0.5Mn0.5O2-LiMn1.9Al0.1O4 composite cathodes for lithium ion batteries. Ceramics International, 2016, 42, 16916-16926.	4.8	3
94	Enhanced cycling stability and rate capability of Bi₂O₃-coated Li_{1.2}Mn_{0.54}Ni_{0.13}Co_{0.13}O₂ cathode materials for lithium-ion batteries. RSC Advances, 2016, 6, 69790-69797.	3.6	15
95	Phase Structure, Piezoelectric and Multiferroic Properties of SmCoO3-Modified BiFeO3-BaTiO3 Lead-Free Ceramics. Journal of Electronic Materials, 2016, 45, 291-300.	2.2	23
96	Enhanced ferroelectricity/piezoelectricity, bright blue/yellow emission and excellent thermal stability in Ca_{1â^'x}(LiDy)_{x/2}Bi₄Ti₄O₁₅ lead-free multifunctional ceramics. RSC Advances, 2016, 6, 16387-16394.	3.6	10
97	Enhanced ferroelectric and ferromagnetic properties of Er-modified BiFeO3â€“BaTiO3 lead-free multiferroic ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 5741-5747.	2.2	9
98	Enhanced piezoelectricity, bright up-conversion and down-conversion photoluminescence in Er3+ doped 0.94(BiNa)0.5TiO3â€“0.06BaTiO3 multifunctional ceramics. Materials Research Bulletin, 2016, 74, 62-69.	5.2	27
99	Enhanced multiferroic property in Co₂O₃-added BiFeO₃–BaTiO₃ ceramics. Journal of the Ceramic Society of Japan, 2015, 123, 972-977.	1.1	5
100	Phase transition, piezoelectric, and multiferroic properties of La(Co_{0.5}Mn_{0.5})O₃-modified BiFeO₃-BaTiO₃lead-free ceramics. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 2012-2022.	1.8	15
101	Ultrasonic Transducer Fabricated Using Lead-Free BFO-BTO+Mn Piezoelectric 1-3 Composite. Actuators, 2015, 4, 127-134.	2.3	12
102	Improved piezoelectric and bright up-conversion photoluminescent properties in Ho-doped Bi0.5Na0.5TiO3â€“BaTiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 6979-6985.	2.2	8
103	Structure, Ferroelectric and Photoluminescence Properties of Eu-Doped CaBi4Ti4O15 Multifunctional Ceramics. Journal of Electronic Materials, 2015, 44, 3696-3703.	2.2	4
104	Enhanced piezoelectricity and photoluminescence in Dy-doped Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}<sub> lead-free multifunctional ceramics. Functional Materials Letters, 2015, 08, 1540001.	1.2	0
105	Structure, ferroelectric, ferromagnetic, and piezoelectric properties of Al-modified BiFeO₃-BaTiO₃multiferroic ceramics. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 632-639.	1.8	30
106	Phase transition, dielectric, ferroelectric and ferromagnetic properties of La-doped BiFeO3â€“BaTiO3 multiferroic ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 978-984.	2.2	36
107	Phase transition, electrical and luminescent properties of Dy-doped K0.5Na0.5NbO3-based lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 8341-8349.	2.2	13
108	Regulated morphology/phase structure and enhanced fluorescence in YF₃:Eu³⁺,Bi³⁺via a facile method. CrystEngComm, 2015, 17, 6207-6218.	2.6	32

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109	Structure, piezoelectric and multiferroic properties of Bi(Ni0.5Mn0.5)O3-modified BiFeO3â€“BaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9451-9462.	2.2	8
110	Critical roles of Mn-ions in enhancing the insulation, piezoelectricity and multiferroicity of BiFeO₃-based lead-free high temperature ceramics. Journal of Materials Chemistry C, 2015, 3, 5811-5824.	5.5	144
111	Enhanced piezoelectricity and photoluminescence in Dy-modified 0.94(Bi1â^'x Dy x) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 T in Electronics, 2015, 26, 4981-4987.	2.2	1
112	Enhancement in multiferroic and piezoelectric properties of BiFeO 3 â€“BaTiO 3 â€“Bi 0.5 Na 0.5 TiO 3 lead-free ceramics with MnO 2 addition by optimizing sintering temperature and dwell time. Materials Research Bulletin, 2015, 68, 92-99.	5.2	23
113	Improved ferroelectricity and ferromagnetism of Eu-modified BiFeO3â€“BaTiO3 lead-free multiferroic ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 8840-8847.	2.2	25
114	Improved ferroelectric/piezoelectric properties and bright green/UC red emission in (Li,Ho)-doped CaBi₄Ti₄O₁₅ multifunctional ceramics with excellent temperature stability and superior water-resistance performance. Dalton Transactions, 2015, 44, 17366-17380.	3.3	46
115	Enhanced ferroelectricity, piezoelectricity, and ferromagnetism in Nd-modified BiFeO3-BaTiO3 lead-free ceramics. Journal of Applied Physics, 2014, 116, .	2.5	83
116	Microstructure, electrical properties, and electric fieldâ€induced phase transitions in NaNbO₃â€“LiTaO₃ leadâ€free ceramics. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 869-876.	1.8	8
117	Microstructure, Ferroelectric, Piezoelectric, and Ferromagnetic Properties of Scâ€Modified <scp><scp>BiFeO</scp></scp>₃â€“<scp><scp>BaTiO</scp></scp>₃ Multiferroic Ceramics with <scp><scp>MnO</scp></scp>₂ Addition. Journal of the American Ceramic Society, 2014, 97, 1809-1818.	3.8	75
118	Structure, ferroelectric, piezoelectric and ferromagnetic properties of BiFeO3â€“Ba0.6(Bi0.5K0.5)0.4TiO3 lead-free multiferroic ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 1534-1541.	2.2	7
119	Phase transition, ferroelectric and piezoelectric properties of Bi(Mg0.5Zr0.5)O3-modified BiFeO3â€“BaTiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 1736-1744.	2.2	22
120	Structure, ferroelectric, piezoelectric and ferromagnetic properties of BiFeO3â€“Ba0.85Ca0.15Ti0.90Zr0.10O3 lead-free multiferroic ceramics. Ceramics International, 2014, 40, 1335-1339.	4.8	30
121	Structure, Ferroelectric, Piezoelectric, and Ferromagnetic Properties of BiFeO₃â€BaTiO₃â€Bi_{0.5}Na_{0.5}TiO₃ Leadâ€Free Multiferroic Ceramics. Journal of the American Ceramic Society, 2014, 97, 3602-3608.	3.8	30
122	Microstructure, ferroelectric, piezoelectric and ferromagnetic properties of BiFeO3â€“BaTiO3â€“Bi(Zn0.5Ti0.5)O3 lead-free multiferroic ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 2638-2648.	2.2	33
123	Structure, ferroelectric and piezoelectric properties of Bi0.5(Na0.8K0.2)0.5TiO3 modified BiFeO3â€“BaTiO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 3753-3761.	2.2	12
124	Structure, dielectric and piezoelectric properties of Ba0.90Ca0.10Ti1â^'xSnxO3 lead-free ceramics. Ceramics International, 2014, 40, 6841-6846.	4.8	22
125	Recent Development of LiMnPO₄as Cathode Materials of Lithium-ion Batteries. Acta Chimica Sinica, 2014, 72, 537.	1.4	12
126	Microstructure, dielectric and piezoelectric properties of La-modified Bi0.5(Na0.84K0.16)0.5TiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 3836-3843.	2.2	15

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127	Microstructure, ferroelectric and piezoelectric properties of Bi0.5K0.5TiO3-modified BiFeO3â€“BaTiO3 lead-free ceramics with high Curie temperature. Journal of the European Ceramic Society, 2013, 33, 3023-3036.	5.7	100
128	Effects of MnO2 and sintering temperature on microstructure, ferroelectric, and piezoelectric properties of Ba0.85Ca0.15Ti0.90Zr0.10O3 lead-free ceramics. Journal of Materials Science, 2013, 48, 1035-1041.	3.7	66
129	Effects of La-doping on microstructure, dielectric and piezoelectric properties of Ba0.85Ca0.15Ti0.90Zr0.10O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 734-739.	2.2	33
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