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	Structure, electrical properties and depolarization temperature of (Bi0.5Na0.5)TiO3â€“BaTiO3 lead-free piezoelectric ceramics. Solid State Sciences, 2008, 10, 934-940.	3.2	394
2	Piezoelectric and ferroelectric properties of [Bi0.5(Na1â^'xâ^'yKxLiy)0.5]TiO3 lead-free piezoelectric ceramics. Applied Physics Letters, 2006, 88, 062901.	3.3	236
3	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
4	Double hysteresis loop in Cu-doped K0.5Na0.5NbO3 lead-free piezoelectric ceramics. Applied Physics Letters, 2007, 90, 232903.	3.3	167
5	Structure and electrical properties of K0.5Na0.5NbO3â€“LiSbO3 lead-free piezoelectric ceramics. Journal of Applied Physics, 2007, 101, 074111.	2.5	165
6	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
7	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
8	Core-shell MnO2@CoS nanosheets with oxygen vacancies for high-performance supercapattery. Journal of Power Sources, 2020, 446, 227335.	7.8	133
9	Waste soybean dreg-derived N/O co-doped hierarchical porous carbon for high performance supercapacitor. Electrochimica Acta, 2018, 284, 336-345.	5.2	130
10	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
11	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
12	Microstructure, phase transition, and electrical properties of (K0.5Na0.5)1â^'xLix(Nb1â^'yTay)O3 lead-free piezoelectric ceramics. Journal of Applied Physics, 2007, 102, .	2.5	113
13	Piezoelectric and ferroelectric properties of KxNa1â^'xNbO3 lead-free ceramics with MnO2 and CuO doping. Journal of Alloys and Compounds, 2008, 461, 273-278.	5.5	109
14	Phase Transitions and Electrical Properties of (Na1?xKx)(Nb1?ySby)O3Lead-Free Piezoelectric Ceramics With a MnO2Sintering Aid. Journal of the American Ceramic Society, 2007, 90, 1458-1462.	3.8	104
15	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
16	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
17	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
18	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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19	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
20	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
21	Structure and electrical properties of Bi0.5Na0.5TiO3â€“BaTiO3â€“Bi0.5Li0.5TiO3 lead-free piezoelectric ceramics. Solid State Ionics, 2008, 178, 1930-1930.	2.7	91
22	Piezoelectric and ferroelectric properties of Cu-doped K_{0.5}Na_{0.5}NbO₃lead-free ceramics. Journal Physics D: Applied Physics, 2008, 41, 045401.	2.8	83
23	Enhanced ferroelectricity, piezoelectricity, and ferromagnetism in Nd-modified BiFeO3-BaTiO3 lead-free ceramics. Journal of Applied Physics, 2014, 116, .	2.5	83
24	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
25	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
26	Synthesis and piezoelectric properties of lead-free piezoelectric [Bi0.5(Na1â^'xâ^'yKxLiy)0.5]TiO3 ceramics. Materials Letters, 2004, 58, 615-618.	2.6	72
27	Phase transition and electrical properties of (K0.5Na0.5)(Nb1-xTax)O3 lead-free piezoelectric ceramics. Applied Physics A: Materials Science and Processing, 2008, 91, 167-171.	2.3	70
28	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
29	Microstructure and electrical properties of La-modified K_{0.5}Na_{0.5}NbO₃lead-free piezoelectric ceramics. Journal Physics D: Applied Physics, 2009, 42, 035411.	2.8	69
30	Dielectric and piezoelectric properties of (K0.5Na0.5)NbO3â€“Ba(Zr0.05Ti0.95)O3 lead-free ceramics. Applied Physics Letters, 2007, 91, .	3.3	67
31	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
32	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
33	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
34	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
35	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
36	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

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37	Piezoelectric and ferroelectric properties of lead-free [Bi1â^'y(Na1â^'xâ^'yLix)]0.5BayTiO3 ceramics. Journal of the European Ceramic Society, 2006, 26, 3247-3251.	5.7	61
38	Structure, piezoelectric and ferroelectric properties of Li- and Sb-modified K0.5Na0.5NbO3lead-free ceramics. Journal Physics D: Applied Physics, 2007, 40, 3500-3505.	2.8	59
39	Microstructure, electrical properties of CeO2-doped (K0.5Na0.5)NbO3 lead-free piezoelectric ceramics. Journal of Materials Science, 2009, 44, 2466-2470.	3.7	59
40	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
41	Effects of MnO2 on the microstructure and electrical properties of 0.94(K0.5Na0.5)NbO3â€“0.06Ba(Zr0.05Ti0.95)O3 lead-free ceramics. Materials Chemistry and Physics, 2008, 109, 455-458.	4.0	57
42	Structure, dielectric, and piezoelectric properties of CuO-doped K0.5Na0.5NbO3â€“BaTiO3 lead-free ceramics. Journal of Applied Physics, 2007, 102, .	2.5	54
43	Ferroelectric and piezoelectric properties of Bi0.5Na0.5TiO3â€“SrTiO3â€“Bi0.5Li0.5TiO3 lead-free ceramics. Journal of Alloys and Compounds, 2009, 481, 310-315.	5.5	53
44	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
45	Good temperature stability of K0.5Na0.5NbO3 based lead-free ceramics and their applications in buzzers. Journal of the European Ceramic Society, 2008, 28, 2963-2968.	5.7	52
46	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
47	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
48	Structure, electrical properties and temperature characteristics ofÂBi0.5Na0.5TiO3â€“Bi0.5K0.5TiO3â€“Bi0.5Li0.5TiO3 lead-free piezoelectric ceramics. Applied Physics A: Materials Science and Processing, 2008, 93, 549-558.	2.3	48
49	Piezoelectric and ferroelectric properties of (Bi_{0.94â^'x}La_xNa_{0.94})_{0.5}Ba_{0.06}TiO₃lead-f ceramics. Journal Physics D: Applied Physics, 2008, 41, 125411.	2.8	48
50	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
51	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
52	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
53	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
54	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

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55	Dielectric and piezoelectric properties of (Bi1â^'xâ^'yNdxNa1â^'y)0.5BayTiO3 lead-free ceramics. Current Applied Physics, 2010, 10, 422-427.	2.4	42
56	Nitrogenâ€Doped Hierarchical Porous Carbon Framework Derived from Waste Pig Nails for Highâ€Performance Supercapacitors. ChemElectroChem, 2017, 4, 3181-3187.	3.4	41
57	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
58	Electrical properties of [Bi1-z(Na1-x-y-zKxLiy)]0.5BazTiO3multi-component lead-free piezoelectric ceramics. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, R89-R91.	1.8	39
59	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
60	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
61	Piezoelectric properties and hardening behavior of K5.4Cu1.3Ta10O29-doped K0.5Na0.5NbO3 ceramics. Journal of Applied Physics, 2008, 103, .	2.5	38
62	An oxygen-deficient cobalt-manganese oxide nanowire doped with P designed for high performance asymmetric supercapacitor. Electrochimica Acta, 2021, 379, 138178.	5.2	38
63	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
64	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
65	Constructing NiS2/NiSe2 heteroboxes with phase boundaries for Sodium-Ion batteries. Journal of Colloid and Interface Science, 2022, 607, 752-759.	9.4	36
66	Lead-free piezoelectric ceramic (K_{0.5}Na_{0.5})NbO₃with MnO₂and K_{5.4}Cu_{1.3}Ta₁₀O₂₉doping for piezoelectric transformer application. Smart Materials and Structures, 2008, 17, 035002.	3.5	34
67	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
68	Microstructure, piezoelectric and ferroelectric properties of Mn-added Na0.5Bi4.5Ti4O15 ceramics. Current Applied Physics, 2011, 11, S124-S127.	2.4	33
69	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
70	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
71	The effects of CeO2-doping on piezoelectric and dielectric properties of Bi0.5(Na1â^'xâ^'yKxLiy)0.5TiO3 piezoelectric ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 133, 172-176.	3.5	32
72	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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73	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
74	Synthesis and properties of Bi0.5(Na1â^'xâ^'yKxAgy)0.5TiO3 lead-free piezoelectric ceramics. Ceramics International, 2007, 33, 1445-1448.	4.8	31
75	Phase coexistence and large piezoelectricity in BaTiO₃â€CaSnO₃ leadâ€free ceramics. Journal of the American Ceramic Society, 2018, 101, 2594-2605.	3.8	31
76	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
77	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
78	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
79	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
80	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
81	Piezoelectric and dielectric properties of Bi0.5Na0.5TiO3â€“Bi0.5Li0.5TiO3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2009, 20, 393-397.	2.2	28
82	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
83	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
84	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
85	Dielectric and piezoelectric properties of MnO2-doped K0.5Na0.5Nb0.92Sb0.08O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2010, 21, 649-655.	2.2	27
86	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
87	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
88	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
89	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
90	Core-shell nanostructured ZnO@CoS arrays as advanced electrode materials for high-performance supercapacitors. Electrochimica Acta, 2020, 354, 136711.	5.2	26

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91	Dielectric and piezoelectric properties of K0.5Na0.5NbO3â€“AgSbO3 lead-free ceramics. Journal of Applied Physics, 2009, 106, 034102.	2.5	25
92	Phase transition, ferroelectric and piezoelectric properties of Ba1â^'xCaxTi1â^'yZryO3 lead-free ceramics. Current Applied Physics, 2013, 13, 159-164.	2.4	25
93	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
94	Double Hysteresis Loop and Aging Effect in K_{0.5}Na_{0.5}NbO₃â€“K_{5.4}Cu_{1.3}Ta₁₀O₂₉ Leadâ€Free Ceramics. Journal of the American Ceramic Society, 2009, 92, 1362-1365.	3.8	24
95	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
96	Oxidant-assisted preparation of CaMoO4 thin film using an irreversible galvanic cell method. Thin Solid Films, 2010, 518, 3151-3155.	1.8	23
97	Structure, Ferroelectric, and Piezoelectric Properties of (Bi_{0.5}Na_{0.5})_{1â^'xâ^'yâ^'z}(Bi_{0.5}K_{0.5})_x Leadâ€Free Ceramics. Journal of the American Ceramic Society, 2010, 93, 806-813.	3.8	23
98	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
99	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
100	Reducing Grain Size and Enhancing Luminescence of NaYF₄:Yb³⁺, Er³⁺ Upconversion Materials. Crystal Growth and Design, 2018, 18, 808-817.	3.0	23
101	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
102	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
103	Coreâ€“shell nanostructured Znâ€“Coâ€“O@CoS arrays for high-performance hybrid supercapacitors. Dalton Transactions, 2021, 50, 4923-4931.	3.3	23
104	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
105	Effects of BaO on the structure and electrical properties of 0.95K_{0.5}Na_{0.5}(Nb_{0.94}Sb_{0.06})O₃â€“0.05LiTaO₃ lead-free ceramics. Journal Physics D: Applied Physics, 2007, 40, 6778-6783.	2.8	22
106	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
107	Structure, dielectric and piezoelectric properties of Ba0.90Ca0.10Ti1â^'xSnxO3 lead-free ceramics. Ceramics International, 2014, 40, 6841-6846.	4.8	22
108	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

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109	Modulation of defects and electrical behaviors of Cu-doped KNN ceramics by fluorineâ€“oxygen substitution. Dalton Transactions, 2020, 49, 1311-1318.	3.3	22
110	Vanadium Doped Nickel Phosphide Nanosheets Selfâ€Assembled Microspheres as a Highâ€Efficiency Oxygen Evolution Catalyst. ChemCatChem, 2020, 12, 917-925.	3.7	22
111	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
112	Effect of Alkali Elements Content on the Structure and Electrical Properties of (K_{0.48}Na_{0.48}Li_{0.04})(Nb_{0.90}Ta_{0.04}Sb_{0.06})O<sub>3</su Leadâ€Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2009, 92, 2765-2767.	3.8	21
113	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
114	Piezoelectric Properties of K0.47Na0.47Li0.06NbO3-NaSbO3 Lead-Free Ceramics for Ultrasonic Transducer Applications. International Journal of Applied Ceramic Technology, 2011, 8, 684-690.	2.1	19
115	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
116	Phase structures and electrical properties of K0.5Na0.5(Nb0.925Ta0.075)O3â€“LiSbO3lead-free piezoelectric ceramics. Journal Physics D: Applied Physics, 2007, 40, 6060-6065.	2.8	18
117	Phase structure and electrical properties of K_{0.5}Na_{0.5}(Nb_{0.94}Sb_{0.06})O₃-LiTaO₃ lead-free piezoelectric ceramics. Journal Physics D: Applied Physics, 2008, 41, 052002.	2.8	18
118	Synthesis of LiNiO2 thin film in LiOH solution by hydrothermal method. Journal of Alloys and Compounds, 2009, 487, L30-L32.	5.5	18
119	Enhanced Electrochemical Performance in Niâ€Doped LiMn₂O₄â€Based Composite Cathodes for Lithiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 1362-1371.	3.4	17
120	Origin of superior hardening properties in KCuTa3O9-doped K0.5Na0.5NbO3 lead-free piezoelectric ceramics. Ceramics International, 2017, 43, 15666-15677.	4.8	17
121	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
122	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
123	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
124	Temperature Dependence of Electric Properties of [Bi_{0.5}(Na_{1-x}Ag_x)_{0.5}]_{1-y}Ba_yTiO₃ Ceramics. Japanese Journal of Applied Physics, 2007, 46, 7382.	1.5	16
125	A NOVEL LEAD-FREE TRANSPARENT CERAMIC WITH HIGH ELECTRO-OPTIC COEFFICIENT. Functional Materials Letters, 2011, 04, 237-240.	1.2	16
126	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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127	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
128	Hornwort-like hollow porous MoO3/NiF2 heterogeneous nanowires as high-performance electrocatalysts for efficient water oxidation. Electrochimica Acta, 2021, 379, 138146.	5.2	16
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