Ye Zhao

List of Publications by Year
in descending order

22	299	933447 10	888059 17
papers	citations	h-index	g-index

22	22	22	299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced room temperature electrocaloric effect in lead-free relaxor ferroelectric NBT ceramics with excellent temperature stability. Journal of Alloys and Compounds, 2022, 892, 162241.	5.5	10
2	Optimization of energy-storage properties for lead-free relaxor-ferroelectric (1-x)Na0.5Bi0.5TiO3-xSr0.7Nd0.2TiO3 ceramics. Journal of Materials Science, 2022, 57, 217-228.	3.7	16
3	Large Room-Temperature Electrocaloric Response Realized in Potassium-Sodium Niobate by a Relaxor Enhancement Effect and Multilayer Ceramic Construct. ACS Applied Materials & Interfaces, 2022, 14, 11626-11635.	8.0	13
4	Enhanced electrocaloric effect in lead-free ferroelectric potassiumâ€“sodium niobate ceramics benefiting from phase boundary design. Journal of Materials Science: Materials in Electronics, 2022, 33, 17322-17330.	2.2	3
5	High energy-storage density and efficiency in PbZrO3-based antiferroelectric multilayer ceramic capacitors. Journal of the European Ceramic Society, 2022, 42, 6493-6503.	5.7	20
6	Effect of electric field intensity on domain kinetics of Pb(Mg1/3Nb2/3)O3â€“0.38PbTiO3 single crystal. Ceramics International, 2022, , .	4.8	0
7	Enhanced electrocaloric effect of relaxor potassium sodium niobate lead-free ceramic via multilayer structure. Scripta Materialia, 2021, 193, 97-102.	5.2	16
8	Systematical investigation on energyâ€storage behavior of PLZST antiferroelectric ceramics by composition optimizing. Journal of the American Ceramic Society, 2021, 104, 2170-2180.	3.8	32
9	Synergistically achieving ultrahigh energy-storage density and efficiency in linear-like lead-based multilayer ceramic capacitor. Scripta Materialia, 2021, 195, 113723.	5.2	23
10	Enhanced energy-storage properties of lead-free Bi0.5Na0.5TiO3-based relaxor ferroelectric ceramics by tuning sintering temperature. Journal of Materials Science: Materials in Electronics, 2021, 32, 26258-26267.	2.2	4
11	Dense ferroelectric-ferroelastic domain structures in rhombohedral PMN-28PT single crystals. Applied Physics Letters, 2020, 116, .	3.3	5
12	Enhanced energy-storage performance of an all-inorganic flexible bilayer-like antiferroelectric thin film via using electric field engineering. Nanoscale, 2020, 12, 8958-8968.	5.6	26
13	Synergistically optimizing electrocaloric effects and temperature span in KNN-based ceramics utilizing a relaxor multiphase boundary. Journal of Materials Chemistry C, 2020, 8, 4030-4039.	5.5	57
14	Temperature and electric field treatment of the rhombohedral PMN-PT single crystals. Ferroelectrics, 2019, 541, 66-73.	0.6	1
15	Linear optical properties and second-harmonic generation of (1-x)Pb(Mg_{1/3}Nb_{2/3})O₃â€“xPbTiO₃ single crystals. Ferroelectrics, 2019, 542, 112-119.	0.6	8
16	Direct observation of domain kinetics in rhombohedral PMN-28PT single crystals during polarization reversal. Applied Physics Letters, 2019, 115, .	3.3	9
17	Maintenance of SOX9 stability and ECM homeostasis by selenium-sensitive PRMT5 in cartilage. Osteoarthritis and Cartilage, 2019, 27, 932-944.	1.3	16
18	Achieve single domain state in (111)-oriented rhombohedral phase PMN-PT relaxor ferroelectric single crystals for electro-optical application. Applied Physics Letters, 2019, 115, .	3.3	7

#	Article	IF	Citations
19	10.1063/1.5114885.1. , 2019, , .		0
20	Thermal annealing and singleâ€“domain preparation in tetragonal Pb(In1/2Nb1/2)O3â€“Pb(Mg1/3Nb2/3)O3â€“PbTiO3 crystal for electroâ€“optic and nonâ€“linear optical applications. Journal of Applied Physics, 2018, 123, .	2.5	14
21	The effect of machining on domain configuration in [001]-oriented tetragonal Pb(Mg1/3Nb2/3)O3â€“PbTiO3 single crystals. Journal of Applied Physics, 2018, 124, 173103.	2.5	2
22	Direct observation of the domain kinetics during polarization reversal of tetragonal PMN-PT crystal. Applied Physics Letters, 2018, 113, .	3.3	17