Jian Wang

List of Publications by Year
in descending order

18	277	933447 10	888059 17
papers	citations	h-index	g-index

18	18	18	319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced energy storage performances of CaTiO3-based ceramic through A-site Sm3+ doping and A-site vacancy. Journal of the European Ceramic Society, 2021, 41, 352-359.	5.7	47
2	Electrical properties of hexagonal BaTi_{0.8}Co_{0.2}O_{3â˜Î´}ceramic with NTC effect. Journal Physics D: Applied Physics, 2009, 42, 235103.	2.8	31
3	Enhanced energy storage properties of 0.7Bi0Â·5Na0Â·5TiO3-0.3SrTiO3 ceramic through the addition of NaNbO3. Ceramics International, 2021, 47, 30922-30928.	4.8	31
4	Response of intergrown microstructure to an electric field and its consequences in the lead-free piezoelectric bismuth sodium titanate. Journal of Solid State Chemistry, 2012, 187, 309-315.	2.9	24
5	Dipolar-glass-like relaxor ferroelectric behaviour in the 0.5BaTiO3-0.5Bi(Mg1/2Ti1/2)O3 electroceramic. Applied Physics Letters, 2013, 103, .	3.3	24
6	A correlated electron diffraction, in situ neutron diffraction and dielectric properties investigation of poled (1-x)Bi0.5Na0.5TiO3-xBaTiO3 ceramics. Journal of Applied Physics, 2011, 110, .	2.5	21
7	A novel relaxor (Bi,Na,Ba)(Ti,Zr)O₃ leadâ€free ceramic with high energy storage performance. Journal of the American Ceramic Society, 2021, 104, 3982-3991.	3.8	20
8	Phase component and conductivities of Co-doped BaTiO3 thermistors. Journal of Materials Science: Materials in Electronics, 2010, 21, 811-816.	2.2	19
9	Effect of cation arrangement on polaron formation and colossal permittivity in NiNb₂O₆. Journal of Materials Chemistry C, 2020, 8, 16107-16112.	5.5	16
10	Equivalent circuit modeling on defect-dipole enhanced dielectric permittivity. Journal of Materials Chemistry C, 2020, 8, 13235-13243.	5.5	13
11	Origins of dielectric relaxations in AgNb7O18 ceramic. Ceramics International, 2020, 46, 23021-23026.	4.8	8
12	LOCAL MICROSTRUCTURE EVOLUTION OF BISMUTH SODIUM TITANATE-BASED LEAD-FREE PIEZOELECTRIC SYSTEMS ACROSS THE MORPHOTROPIC PHASE BOUNDARY REGION. Journal of Advanced Dielectrics, 2012, 02, 1230012.	2.4	6
13	Polaron Hopping Induced Giant Roomâ€Temperature Magnetodielectric Effect in Disordered Rutile NiNb₂O₆. Advanced Functional Materials, 2021, 31, 2108950.	14.9	6
14	Disorderâ€Induced Phonon Localization in Incipient Ferroelectric (Ni 1/3 Nb 2/3) x Ti 1â˜ x O 2 Solid Solutions. Physica Status Solidi (B): Basic Research, 2020, 257, 2000043.	1.5	5
15	Controllable synthesis of in situ grown titanate hierarchical microspheres and subsequent chemical modifications for superhydrophobic and oilâ€“water separation properties. RSC Advances, 2020, 10, 11182-11187.	3.6	2
16	A-site Ca2+ substitution induced polyvalent Cu cations and correlated polaron relaxations in colossal permittivity Li1-Ca CuNb3O9. Ceramics International, 2021, 47, 15094-15101.	4.8	2
17	B-Site octahedral bridge and A-site polyvalent Cu cation related electron hopping in LiCuNb3O9-based colossal permittivity materials. Journal of Materials Chemistry C, 2022, 10, 665-671.	5.5	2
18	Structural Disorder in the Key Lead-Free Piezoelectric Materials, and. Advances in Condensed Matter Physics, 2013, 2013, 1-5.	1.1	0