Ge Wang

List of Publications by Year
in descending order

18 papers	1,898 citations	516710 16 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	924 citing authors

#	Article	IF	Citations
1	Electroceramics for High-Energy Density Capacitors: Current Status and Future Perspectives. Chemical Reviews, 2021, 121, 6124-6172.	47.7	579
2	Ultrahigh energy storage density lead-free multilayers by controlled electrical homogeneity. Energy and Environmental Science, 2019, 12, 582-588.	30.8	393
3	Superior energy density through tailored dopant strategies in multilayer ceramic capacitors. Energy and Environmental Science, 2020, 13, 2938-2948.	30.8	212
4	Fatigue resistant lead-free multilayer ceramic capacitors with ultrahigh energy density. Journal of Materials Chemistry A, 2020, 8, 11414-11423.	10.3	114
5	Origin of the large electrostrain in BiFeO₃-BaTiO₃ based lead-free ceramics. Journal of Materials Chemistry A, 2019, 7, 21254-21263.	10.3	101
6	Lead-free (Ba,Sr)TiO3 â€“ BiFeO3 based multilayer ceramic capacitors with high energy density. Journal of the European Ceramic Society, 2020, 40, 1779-1783.	5.7	79
7	Cold sintering of microwave dielectric ceramics and devices. Journal of Materials Research, 2021, 36, 333-349.	2.6	59
8	Enhancement of densification and microwave dielectric properties in LiF ceramics via a cold sintering and post-annealing process. Journal of the European Ceramic Society, 2021, 41, 1726-1729.	5.7	56
9	Enhanced mechanical energy harvesting capability in sodium bismuth titanate based lead-free piezoelectric. Journal of Alloys and Compounds, 2020, 825, 154020.	5.5	55
10	Direct Integration of Cold Sintered, Temperature-Stable Bi2Mo2O9-K2MoO4 Ceramics on Printed Circuit Boards for Satellite Navigation Antennas. Journal of the European Ceramic Society, 2020, 40, 4029-4034.	5.7	52
11	Cold sintered LiMgPO₄ based composites for low temperature coâ€fired ceramic (LTCC) applications. Journal of the American Ceramic Society, 2020, 103, 6237-6244.	3.8	45
12	Large electrostrain in lowâ€temperature sintered NBTâ€BTâ€0.025FN incipient piezoceramics. Journal of the American Ceramic Society, 2020, 103, 3739-3747.	3.8	36
13	Cold sintered, temperature-stable CaSnSiO5-K2MoO4 composite microwave ceramics and its prototype microstrip patch antenna. Journal of the European Ceramic Society, 2021, 41, 424-429.	5.7	36
14	In situ poling X-ray diffraction studies of lead-free BiFeO3â€“SrTiO3 ceramics. Materials Today Physics, 2021, 19, 100426.	6.0	24
15	Electric fieldâ€induced irreversible relaxor to ferroelectric phase transformations in Na_{0.5}Bi_{0.5}TiO₃â€NaNbO₃ ceramics. Journal of the American Ceramic Society, 2019, 102, 7746-7754.	3.8	20
16	Thermallyâ€induced phase transformations in Na_{0.5}Bi_{0.5}TiO₃â€“KNbO₃ ceramics. Journal of the American Ceramic Society, 2017, 100, 3293-3304.	3.8	19
17	Structural characterization of the electric field-induced ferroelectric phase in Na0.5Bi0.5TiO3-KNbO3 ceramics. Journal of the European Ceramic Society, 2016, 36, 4015-4021.	5.7	13
18	Thermally-induced local structural transformations in Na0.5Bi0.5TiO3-KNbO3 ceramics. Journal of the European Ceramic Society, 2021, 41, 3832-3837.	5.7	5