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List of Publications by Year
in descending order

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16 papers	332 citations	1162889 8 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	319 citing authors

#	Article	IF	Citations
1	Strategies to Improve the Energy Storage Properties of Perovskite Lead-Free Relaxor Ferroelectrics: A Review. Materials, 2020, 13, 5742.	1.3	98
2	B-site vacancy induced Raman scattering in BaTiO3-based ferroelectric ceramics. Journal of the European Ceramic Society, 2020, 40, 4684-4688.	2.8	62
3	Atomic scale symmetry and polar nanoclusters in the paraelectric phase of ferroelectric materials. Nature Communications, 2021, 12, 3509.	5.8	51
4	Effect of processing conditions on the structural properties and corrosion behavior of TiO2â€“SiO2 multilayer coatings derived via the sol-gel method. Ceramics International, 2020, 46, 17741-17751.	2.3	25
5	Dielectric and structural studies of ferroelectric phase evolution in dipoleâ€pair substituted barium titanate ceramics. Journal of the American Ceramic Society, 2020, 103, 287-296.	1.9	20
6	Raman spectra of fine-grained materials from first principles. Npj Computational Materials, 2020, 6, .	3.5	16
7	Origin of Relaxor Behavior in Bariumâ€Titanateâ€Based Leadâ€Free Perovskites. Advanced Electronic Materials, 2022, 8, .	2.6	16
8	Synthesis and properties of lead-free BNT-BT-xCZ ceramics as high-temperature dielectrics. Materials Research Bulletin, 2022, 145, 111560.	2.7	15
9	Mechanosynthesis of the Whole Y1â^'xBixMn1â^'xFexO3 Perovskite System: Structural Characterization and Study of Phase Transitions. Materials, 2019, 12, 1515.	1.3	7
10	Structural, electrical and spectroscopic studies of the diffuse phase transition relaxor-like ferroelectric material Ba[(Ho,Sb)_{0.05}Ti_{0.9}]O₃. Ferroelectrics, 2018, 532, 168-182.	0.3	5
11	Tailoring the ferroelectric and magnetic properties of Bi5Ti3FeO15 ceramics by doping with Co and Y. Solid State Sciences, 2022, 123, 106802.	1.5	5
12	Hexavalent (Me â€•W/Mo)â€modified (Ba,Ca)TiO₃â€Bi(Mg,Me)O₃ perovskites for highâ€temperature dielectrics. Journal of the American Ceramic Society, 2020, 103, 6881-6892.	1.9	4
13	Electrical properties of Ba[(M1/20Ta1/20)Ti9/10]O3 with Mâ€‰=â€‰Sc3+, Cr3+, Mn3+, or Fe3+ & Ba[(M1/30Ta2/30)Ti9/10]O3 with Mâ€‰=â€‰Mn2+, Ni2+, or Cu2+. Ferroelectrics, 2018, 533, 151-164.	0.3	3
14	Ceramic processing and multiferroic properties of the perovskite YMnO₃â€BiFeO₃ binary system. Journal of the American Ceramic Society, 2020, 103, 4846-4858.	1.9	3
15	Thermal degradation of ceramic slurry-coated polyurethane foam used in making reticulated porous SiC ceramics. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2603-2610.	2.0	1
16	Structural and electrical properties of dipole-like substituted barium titanate. Ferroelectrics, 2020, 558, 1-11.	0.3	1