

Man Zhang

List of Publications by Year in descending order

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15
papers

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15
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191
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi elements substituted Aurivillius phase relaxor ferroelectrics using high entropy design concept. <i>Materials and Design</i> , 2021, 200, 109447.	7.0	41
2	Phase transformations in an Aurivillius layer structured ferroelectric designed using the high entropy concept. <i>Acta Materialia</i> , 2022, 229, 117815.	7.9	25
3	Domain Wall Free Polar Structure Enhanced Photodegradation Activity in Nanoscale Ferroelectric Ba _x Sr _{1-x} TiO ₃ . <i>Advanced Energy Materials</i> , 2020, 10, 2001802.	19.5	21
4	Terahertz Reading of Ferroelectric Domain Wall Dielectric Switching. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12622-12628.	8.0	21
5	Investigation of transitions between the M-phases in AgNbO ₃ based ceramics. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3520-3529.	10.3	18
6	Terahertz Characterization of Lead-Free Dielectrics for Different Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53492-53503.	8.0	16
7	Grain Size Effects in Mn-Modified 0.67BiFeO ₃ –0.33BaTiO ₃ Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57548-57559.	8.0	16
8	Phase transitions in RbPrNb ₂ O ₇ , a layer structured ferroelectric with a high Curie point. <i>Acta Materialia</i> , 2020, 200, 971-979.	7.9	10
9	Characterization of microwave and terahertz dielectric properties of single crystal La ₂ Ti ₂ O ₇ along one single direction. <i>Journal of the European Ceramic Society</i> , 2021, 41, 7375-7379.	5.7	10
10	Ferroelectric and photocatalytic properties of Aurivillius phase Ca ₂ Bi ₄ Ti ₅ O ₁₈ . <i>Journal of the American Ceramic Society</i> , 2021, 104, 322-328.	3.8	9
11	Ultrafast Electric Field-Induced Phase Transition in Bulk Bi _{0.5} Na _{0.5} TiO ₃ under High-Intensity Terahertz Irradiation. <i>ACS Photonics</i> , 2021, 8, 147-151.	6.6	8
12	Local structure in a tetravalent-substituent BIMEVOX system: BIMEVOX. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3793-3807.	10.3	7
13	Terahertz probing of low-temperature degradation in zirconia bioceramics. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1106-1115.	3.8	5
14	Facile one-step synthesis and enhanced photocatalytic activity of a WC/ferroelectric nanocomposite. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22861-22870.	10.3	5
15	Chemical solution deposition of single phase BiFeO ₃ thin films on transparent substrates. <i>Solar Rrl</i> , 0, , .	5.8	2