

Man Zhang

List of Publications by Year in descending order

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papers

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15
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz probing of low-temperature degradation in zirconia bioceramics. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1106-1115.	3.8	5
2	Local structure in a tetravalent-substituent BIMEVOX system: BIGEVOX. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3793-3807.	10.3	7
3	Phase transformations in an Aurivillius layer structured ferroelectric designed using the high entropy concept. <i>Acta Materialia</i> , 2022, 229, 117815.	7.9	25
4	Ultrafast Electric Field-Induced Phase Transition in Bulk $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ under High-Intensity Terahertz Irradiation. <i>ACS Photonics</i> , 2021, 8, 147-151.	6.6	8
5	Ferroelectric and photocatalytic properties of Aurivillius phase $\text{Ca}_2\text{Bi}_4\text{Ti}_5\text{O}_{18}$. <i>Journal of the American Ceramic Society</i> , 2021, 104, 322-328.	3.8	9
6	Multi elements substituted Aurivillius phase relaxor ferroelectrics using high entropy design concept. <i>Materials and Design</i> , 2021, 200, 109447.	7.0	41
7	Terahertz Reading of Ferroelectric Domain Wall Dielectric Switching. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12622-12628.	8.0	21
8	Characterization of microwave and terahertz dielectric properties of single crystal $\text{La}_2\text{Ti}_2\text{O}_7$ along one single direction. <i>Journal of the European Ceramic Society</i> , 2021, 41, 7375-7379.	5.7	10
9	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
10	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
11	Terahertz Characterization of Lead-Free Dielectrics for Different Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53492-53503.	8.0	16
12	Grain Size Effects in Mn-Modified $0.67\text{BiFeO}_3\text{-}0.33\text{BaTiO}_3$ Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57548-57559.	8.0	16
13	Phase transitions in $\text{RbPrNb}_2\text{O}_7$, a layer structured ferroelectric with a high Curie point. <i>Acta Materialia</i> , 2020, 200, 971-979.	7.9	10
14	Domain Wall Free Polar Structure Enhanced Photodegradation Activity in Nanoscale Ferroelectric $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$. <i>Advanced Energy Materials</i> , 2020, 10, 2001802.	19.5	21
15	Chemical solution deposition of single phase BiFeO_3 thin films on transparent substrates. <i>Solar Rrl</i> , 0, , .	5.8	2