

Tengfei Hu

List of Publications by Year in descending order

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13
papers

607
citations

1307594

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1199594

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times ranked

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#	ARTICLE	IF	CITATIONS
1	NaNbO ₃ -(Bi _{0.5} Li _{0.5})TiO ₃ Lead-Free Relaxor Ferroelectric Capacitors with Superior Energy Storage Performances via Multiple Synergistic Design. <i>Advanced Energy Materials</i> , 2021, 11, 2101378.	19.5	170
2	Ultrahigh energy density in short-range tilted NBT-based lead-free multilayer ceramic capacitors by nanodomain percolation. <i>Energy Storage Materials</i> , 2021, 38, 113-120.	18.0	139
3	A Thermally Robust La ₃ Si ₆ N ₁₁ :Ce ³⁺ Glass Film for High-Brightness Blue-Laser-Driven Solid State Lighting. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800216.	8.7	86
4	New insights into the microstructure of translucent CaAlSiN ₃ :Eu ²⁺ phosphor ceramics for solid-state laser lighting. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1042-1051.	5.5	83
5	Unveiling the ferroelectric nature of PbZrO ₃ -based antiferroelectric materials. <i>Nature Communications</i> , 2020, 11, 3809.	12.8	81
6	Atomic reconfiguration among tri-state transition at ferroelectric/antiferroelectric phase boundaries in Pb(Zr,Ti)O ₃ . <i>Nature Communications</i> , 2022, 13, 1390.	12.8	17
7	Discovery of electric devil's staircase in perovskite antiferroelectric. <i>Science Advances</i> , 2022, 8, eabl9088.	10.3	17
8	Incommensurately Modulated Structures in Zr-rich PZT: Periodic Nanodomains, Reciprocal Configuration, and Nucleation. <i>Crystal Growth and Design</i> , 2018, 18, 4395-4402.	3.0	6
9	Microstructural evolution in chemical solution deposited PbZrO ₃ thin films of varying thickness. <i>Journal of Applied Physics</i> , 2020, 128, 235302.	2.5	4
10	In-situ TEM mechanical characterization of nanowire in atomic scale using MEMS device. <i>Microsystem Technologies</i> , 2018, 24, 2045-2049.	2.0	2
11	Grinding strain induced antiferroelectric-ferroelectric-antiferroelectric sandwich structure in bulk ceramics. <i>Scripta Materialia</i> , 2020, 182, 27-31.	5.2	1
12	Electric-induced devil's staircase in perovskite antiferroelectric. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	1
13	In-situ measurement of Poisson's ratio for germanium nano-bridge in TEM. , 2016, , .		0