

Tengfei Hu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

607
citations

1307594

7
h-index

1199594

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all docs

13
docs citations

13
times ranked

475
citing authors

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