

Jinghan Gao

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Negative Electrocaloric Effect in (Pb,La)(Zr,Sn,Ti)O ₃ Antiferroelectrics Near Room Temperature. ACS Applied Materials & Interfaces, 2018, 10, 11747-11755.	8.0	75
2	Electric field induced metastable ferroelectric phase and its behavior in (Pb, La)(Zr, Sn, Ti)O ₃ antiferroelectric single crystal near morphotropic phase boundary. Applied Physics Letters, 2014, 104, .	3.3	37
3	Phase transformations, anisotropic pyroelectric energy harvesting and electrocaloric properties of (Pb,La)(Zr,Sn,Ti)O ₃ single crystals. Physical Chemistry Chemical Physics, 2017, 19, 13534-13546.	2.8	37
4	Structural phase transition, depolarization and enhanced pyroelectric properties of (Pb _{1-x} La _x)(Zr _{0.66} Sn _{0.23} Ti _{0.11})O ₃ solid solution. Journal of Materials Chemistry C, 2016, 4, 7110-7118.	2.8	34
5	Electric field induced phase transition and domain structure evolution in (Pb, La)(Zr, Sn, Ti)O ₃ single crystal. Applied Physics Letters, 2015, 107, .	3.3	28
6	Structure Evolution and Electrical Properties of Y ³⁺ -Doped Ba _{1-x} Ca _x TiO ₃ Ceramics. Journal of the American Ceramic Society, 2014, 97, 2076-2081.	2.8	26
7	Enhanced temperature stability in Tb-doped (Ba _{0.99} Ca _{0.01})(Ti _{0.98} Zr _{0.02})O ₃ lead free ceramics. Ceramics International, 2015, 41, 2497-2501.	4.8	26
8	Field induced phase transitions and energy harvesting performance of (Pb,La)(Zr,Sn,Ti)O ₃ single crystal. Journal of Applied Physics, 2017, 121, .	2.5	26
9	Electric Field-Induced Phase Transition Behaviors, Thermal Depolarization, and Enhanced Pyroelectric Properties of (Pb _{0.97} La _{0.02})(Zr _x Sn _{0.89-x} Ti _{0.11})O ₃ Ceramics. Journal of the American Ceramic Society, 2016, 99, 2047-2054.	3.8	18
10	A green method to prepare magnetically recyclable Bi/Bi ₂₅ FeO ₄₀ -C nanocomposites for photocatalytic hydrogen generation. Applied Surface Science, 2020, 521, 146342.	6.1	12
11	Impact of peripheral groups on novel asymmetric phthalocyanine-based hole-transporting materials for perovskite solar cells. Dyes and Pigments, 2020, 177, 108301.	3.7	8
12	Preparation of a Magnetic Multiwalled Carbon Nanotube-Gold Nanoparticle Hybrid Material for the Efficient Extraction of Triazine Herbicides from Rice. Analytical Letters, 2020, 53, 1740-1756.	1.8	6
13	Synthesis and characterization of Pb(Mg _{1/3} Nb _{2/3})O ₃ relaxor ferroelectrics modified by Ba(Mg _{1/3} Nb _{2/3})O ₃ . Ceramics International, 2014, 40, 487-493.	4.8	5
14	Ambipolar Field-Effect Transistor Based on CH ₃ NH ₃ Pb ₃ Microwires. ChemistrySelect, 2021, 6, 6256-6259.	1.5	1
15	Domain Structures and Temperature Induced Phase Transitions in Perovskite Molecular $\text{[Ammonioquinclidinium]NH}_4\text{Cl}_3$. ChemistrySelect, 2022, 7, .	1.5	0