

Zongmo Shi

List of Publications by Year in descending order

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15
papers

180
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1307594

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1125743

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docs citations

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times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and ion conductivity of Al ³⁺ -LLZO solid electrolyte prepared by molten salt and cold sintering process. International Journal of Applied Ceramic Technology, 2022, 19, 320-331.	2.1	9
2	Interfacial reaction and thermoelectric properties of Ca ₃ Co ₄ O ₉ ceramic diffusion bonding joints with different electrode intermediate layers. Ceramics International, 2022, 48, 8540-8547.	4.8	2
3	Regulating Multiscale Defects to Enhance the Thermoelectric Performance of Ca _{0.87} Ag _{0.1} Dy _{0.03} MnO ₃ Ceramics. ACS Applied Materials & Interfaces, 2022, 14, 32166-32175.	8.0	4
4	Grain orientation evolution and thermoelectric properties of textured (Ca _{0.87} Ag _{0.1} La _{0.03}) ₃ Co ₄ O ₉ ceramics prepared by tape casting. Ceramics International, 2021, 47, 8365-8374.	4.8	4
5	Enhanced electrochemical energy storage of RGO@Co _x Sy through nanostructural modulation. Journal of Materials Science: Materials in Electronics, 2021, 32, 13639-13655.	2.2	3
6	Synthesis Methods and Applications of Semiconductor Material ZnWO ₄ with Multifunctions and Multiconstructions. Energy Technology, 2021, 9, 2100733.	3.8	7
7	Microstructure and thermoelectric performance of La-doped (Ca _{0.9} Ag _{0.1}) ₃ Co ₄ O ₉ /nano-sized Ag composite ceramics. International Journal of Ceramic Engineering & Science, 2020, 2, 7-16.	1.2	3
8	High thermoelectric performance of Ca ₃ Co ₄ O ₉ ceramics with duplex structure fabricated via two-step pressureless sintering. Journal of Materials Science: Materials in Electronics, 2020, 31, 2938-2948.	2.2	7
9	Enhancement of Thermoelectric Performance of Sr _{0.9} La _{0.1} TiO ₃ -Based Ceramics Regulated by Nanostructures. ACS Applied Materials & Interfaces, 2020, 12, 53899-53909.	8.0	24
10	Enhanced thermoelectric performance of Ca ₃ Co ₄ O ₉ ceramics through grain orientation and interface modulation. Journal of Materials Chemistry A, 2020, 8, 19561-19572.	10.3	24
11	Annealing of Strontium Titanate Based Thermoelectric Materials by Graphite: Mechanistic Analysis by Spectroscopic and Chromatographic Techniques. ChemPlusChem, 2020, 85, 734-741.	2.8	6
12	Enhanced thermoelectric properties of Sr _{0.9} La _{0.1} TiO ₃ ceramics fabricated by SPS with nanosized Ti addition. Journal of Materials Science: Materials in Electronics, 2020, 31, 6919-6926.	2.2	4
13	Boosting the Thermoelectric Performance of Calcium Cobaltite Composites through Structural Defect Engineering. ACS Applied Materials & Interfaces, 2020, 12, 21623-21632.	8.0	18
14	Two-step processing of thermoelectric (Ca _{0.9} Ag _{0.1}) ₃ Co ₄ O ₉ /nano-sized Ag composites with high ZT. Journal of the European Ceramic Society, 2019, 39, 3088-3093.	5.7	33
15	Effect of platelet template seeds on microstructure and thermoelectric properties of Ca ₃ Co ₄ O ₉ ceramics. Ceramics International, 2019, 45, 1977-1983.	4.8	32