

Zongmo Shi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

180
citations

1307594

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1125743

13
g-index

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docs citations

15
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-step processing of thermoelectric $(\text{Ca}_{0.9}\text{Ag}_{0.1})_3\text{Co}_4\text{O}_9/\text{nano-sized Ag}$ composites with high ZT. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3088-3093.	5.7	33
2	Effect of platelet template seeds on microstructure and thermoelectric properties of $\text{Ca}_3\text{Co}_4\text{O}_9$ ceramics. <i>Ceramics International</i> , 2019, 45, 1977-1983.	4.8	32
3	Enhancement of Thermoelectric Performance of $\text{Sr}_{0.9}\text{La}_{0.1}\text{TiO}_3$ -Based Ceramics Regulated by Nanostructures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53899-53909.	8.0	24
4	Enhanced thermoelectric performance of $\text{Ca}_3\text{Co}_4\text{O}_9$ ceramics through grain orientation and interface modulation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19561-19572.	10.3	24
5	Boosting the Thermoelectric Performance of Calcium Cobaltite Composites through Structural Defect Engineering. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21623-21632.	8.0	18
6	Microstructure and ion conductivity of $\text{Al}_2\text{O}_3/\text{LLZO}$ solid electrolyte prepared by molten salt and cold sintering process. <i>International Journal of Applied Ceramic Technology</i> , 2022, 19, 320-331.	2.1	9
7	High thermoelectric performance of $\text{Ca}_3\text{Co}_4\text{O}_9$ ceramics with duplex structure fabricated via two-step pressureless sintering. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 2938-2948.	2.2	7
8	Synthesis Methods and Applications of Semiconductor Material ZnWO_4 with Multifunctions and Multiconstructions. <i>Energy Technology</i> , 2021, 9, 2100733.	3.8	7
9	Annealing of Strontium Titanate Based Thermoelectric Materials by Graphite: Mechanistic Analysis by Spectroscopic and Chromatographic Techniques. <i>ChemPlusChem</i> , 2020, 85, 734-741.	2.8	6
10	Enhanced thermoelectric properties of $\text{Sr}_{0.9}\text{La}_{0.1}\text{TiO}_3$ ceramics fabricated by SPS with nanosized Ti addition. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 6919-6926.	2.2	4
11	Grain orientation evolution and thermoelectric properties of textured $(\text{Ca}_{0.87}\text{Ag}_{0.1}\text{La}_{0.03})_3\text{Co}_4\text{O}_9$ ceramics prepared by tape casting. <i>Ceramics International</i> , 2021, 47, 8365-8374.	4.8	4
12	Regulating Multiscale Defects to Enhance the Thermoelectric Performance of $\text{Ca}_{0.87}\text{Ag}_{0.1}\text{Dy}_{0.03}\text{MnO}_3$ Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32166-32175.	8.0	4
13	Microstructure and thermoelectric performance of $\text{La-doped } (\text{Ca}_{0.9}\text{Ag}_{0.1})_3\text{Co}_4\text{O}_9/\text{nano-sized Ag}$ composite ceramics. <i>International Journal of Ceramic Engineering & Science</i> , 2020, 2, 7-16.	1.2	3
14	Enhanced electrochemical energy storage of $\text{RGO}@\text{Co}_x\text{S}_y$ through nanostructural modulation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 13639-13655.	2.2	3
15	Interfacial reaction and thermoelectric properties of $\text{Ca}_3\text{Co}_4\text{O}_9$ ceramic diffusion bonding joints with different electrode intermediate layers. <i>Ceramics International</i> , 2022, 48, 8540-8547.	4.8	2