Ping Zhang

List of Publications by Year
in descending order

		1163117	1281871
11	230	8	11
papers	citations	h-index	g-index

11	11	11	120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-entropy (Ca0.2Sr0.2Ba0.2La0.2Pb0.2)TiO3 perovskite ceramics with A-site short-range disorder for thermoelectric applications. Journal of Materials Science and Technology, 2022, 97, 182-189.	10.7	62
2	Reduced lattice thermal conductivity of perovskite-type high-entropy (Ca0.25Sr0.25Ba0.25RE0.25)TiO3 ceramics by phonon engineering for thermoelectric applications. Journal of Alloys and Compounds, 2022, 898, 162858.	5.5	36
3	Effect of La3+, Ag+ and Bi3+ doping on thermoelectric properties of SrTiO3: First-principles investigation. Ceramics International, 2022, 48, 13803-13816.	4.8	10
4	A novel high-entropy perovskite ceramics Sr0.9La0.1(Zr0.25Sn0.25Ti0.25Hf0.25)O3 with low thermal conductivity and high Seebeck coefficient. Journal of the European Ceramic Society, 2022, 42, 3480-3488.	5.7	36
5	Rattler effect on the properties of multicomponent rare-earth-zirconate ceramics. Ceramics International, 2022, 48, 28586-28594.	4.8	5
6	First principles study of structure and property of Nb⁵⁺-doped SrTiO₃. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 227101.	0.5	2
7	Microstructure and thermoelectric properties of Sr0.9La0.1TiO3/TiO2 biphase composite ceramics. Journal of Alloys and Compounds, 2021, 861, 158552.	5.5	10
8	Microstructure and thermoelectric performance of Laâ€doped (Ca 0.9 Ag 0.1) 3 Co 4 O 9 /nanoâ€sized Ag composite ceramics. International Journal of Ceramic Engineering & Science, 2020, 2, 7-16.	1.2	3
9	Enhancement of Thermoelectric Performance of Sr_{0.9}La_{0.1}TiO₃-Based Ceramics Regulated by Nanostructures. ACS Applied Materials & Interfaces, 2020, 12, 53899-53909.	8.0	24
10	Enhanced thermoelectric performance of Ca₃Co₄O₉ ceramics through grain orientation and interface modulation. Journal of Materials Chemistry A, 2020, 8, 19561-19572.	10.3	24
11	Boosting the Thermoelectric Performance of Calcium Cobaltite Composites through Structural Defect Engineering. ACS Applied Materials & Interfaces, 2020, 12, 21623-21632.	8.0	18