Naike Shi

List of Publications by Year
in descending order

14	376	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Negative thermal expansion in magnetic materials. Progress in Materials Science, 2021, 121, 100835.	32.8	62
2	Strong Negative Thermal Expansion in a Low-Cost and Facile Oxide of Cu₂P₂O₇. Journal of the American Chemical Society, 2020, 142, 3088-3093.	13.7	59
3	Negative thermal expansion in framework structure materials. Coordination Chemistry Reviews, 2021, 449, 214204.	18.8	59
4	Low-Frequency Phonon Driven Negative Thermal Expansion in Cubic GaFe(CN)₆ Prussian Blue Analogues. Inorganic Chemistry, 2018, 57, 10918-10924.	4.0	32
5	Negative thermal expansion in cubic FeFe(CN)₆ Prussian blue analogues. Dalton Transactions, 2019, 48, 3658-3663.	3.3	32
6	Large isotropic negative thermal expansion in water-free Prussian blue analogues of ScCo(CN)6. Scripta Materialia, 2020, 187, 119-124.	5.2	32
7	Tunable Thermal Expansion from Negative, Zero, to Positive in Cubic Prussian Blue Analogues of GaFe(CN)₆. Inorganic Chemistry, 2018, 57, 14027-14030.	4.0	28
8	Negative and zero thermal expansion in Î±-(Cu_{2â˜'x}Zn_x)V₂O₇ solid solutions. Chemical Communications, 2020, 56, 10666-10669.	4.1	19
9	Strong Negative Thermal Expansion of Cu₂PVO₇ in a Wide Temperature Range. Chemistry of Materials, 2021, 33, 1321-1329.	6.7	19
10	Design of zero thermal expansion and high thermal conductivity in machinable xLFCS/Cu metal matrix composites. Composites Part B: Engineering, 2022, 238, 109883.	12.0	15
11	Negative thermal expansion and the role of hybridization in perovskite-type PbTiO₃-Bi(Cu_{0.5}Ti_{0.5})O₃. Inorganic Chemistry Frontiers, 2020, 7, 1190-1195.	6.0	8
12	Tuning thermal expansion from strong negative to zero to positive in Cu2-Zn P2O7 solid solutions. Scripta Materialia, 2022, 207, 114289.	5.2	6
13	Realization of high thermal conductivity and tunable thermal expansion in the ScF3@Cu core-shell composites. Science China Technological Sciences, 2021, 64, 2057-2065.	4.0	5
14	Biaxial negative thermal expansion in Zn[N(CN)₂]₂. Inorganic Chemistry Frontiers, 0, , .	6.0	0