

Naike Shi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning thermal expansion from strong negative to zero to positive in Cu ₂ -Zn P ₂ O ₇ solid solutions. Scripta Materialia, 2022, 207, 114289.	5.2	6
2	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
3	Strong Negative Thermal Expansion of Cu ₂ PVO ₇ in a Wide Temperature Range. Chemistry of Materials, 2021, 33, 1321-1329.	6.7	19
4	Negative thermal expansion in magnetic materials. Progress in Materials Science, 2021, 121, 100835.	32.8	62
5	Realization of high thermal conductivity and tunable thermal expansion in the ScF ₃ @Cu core-shell composites. Science China Technological Sciences, 2021, 64, 2057-2065.	4.0	5
6	Negative thermal expansion in framework structure materials. Coordination Chemistry Reviews, 2021, 449, 214204.	18.8	59
7	Negative and zero thermal expansion in $\text{I}^{\pm}(\text{Cu}_{2-x}\text{Zn}_x\text{VO}_7)$ solid solutions. Chemical Communications, 2020, 56, 10666-10669.	4.1	19
8	Large isotropic negative thermal expansion in water-free Prussian blue analogues of ScCo(CN) ₆ . Scripta Materialia, 2020, 187, 119-124.	5.2	32
9	Negative thermal expansion and the role of hybridization in perovskite-type PbTiO ₃ -Bi(Cu _{0.5} Ti _{0.5})O ₃ . Inorganic Chemistry Frontiers, 2020, 7, 1190-1195.	6.0	8
10	Strong Negative Thermal Expansion in a Low-Cost and Facile Oxide of Cu ₂ P ₂ O ₇ . Journal of the American Chemical Society, 2020, 142, 3088-3093.	13.7	59
11	Negative thermal expansion in cubic FeFe(CN) ₆ Prussian blue analogues. Dalton Transactions, 2019, 48, 3658-3663.	3.3	32
12	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
13	Low-Frequency Phonon Driven Negative Thermal Expansion in Cubic GaFe(CN) ₆ Prussian Blue Analogues. Inorganic Chemistry, 2018, 57, 10918-10924.	4.0	32
14	Biaxial negative thermal expansion in Zn[N(CN) ₂] ₂ . Inorganic Chemistry Frontiers, 0, , .	6.0	0