

Samuel J Baxter

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hybrid Double Perovskite Containing Helium: $[\text{He}_{2}][\text{CaZrF}_{6}]$. Chemistry of Materials, 2021, 33, 3132-3138.	6.7	7
2	Thermal Expansion and Response to Pressure of Double- ReO_{3} -Type Fluorides $\text{NaM}_{\text{V}}\text{F}_{6}$ (M = Nb, Ta). Inorganic Chemistry, 2020, 59, 13979-13987.	4.0	3
3	Controlling the Phase Behavior of Low and Negative Thermal Expansion ReO_{3} -Type Fluorides using Interstitial Anions: $\text{Sc}^{x}\text{Zr}_{1-x}\text{F}_{3+x}$. Inorganic Chemistry, 2020, 59, 7188-7194.	4.0	5
4	Tuning Thermal Expansion in Metal-Organic Frameworks Using a Mixed Linker Solid Solution Approach. Journal of the American Chemical Society, 2019, 141, 12849-12854.	13.7	41
5	Negative Thermal Expansion Design Strategies in a Diverse Series of Metal-Organic Frameworks. Advanced Functional Materials, 2019, 29, 1904669.	14.9	48
6	Control of structural flexibility of layered-pillared metal-organic frameworks anchored at surfaces. Nature Communications, 2019, 10, 346.	12.8	93
7	Controlling the Negative Thermal Expansion and Response to Pressure in ReO_{3} -type Fluorides by the Deliberate Introduction of Excess Fluoride: $\text{Mg}_{1-x}\text{Zr}_{1+x}\text{F}_{6+2x}$, $x = 0.15, 0.30, 0.40,$ and 0.50 . Chemistry of Materials, 2019, 31, 3440-3448.	6.7	14
8	Flexibility control in alkyl ether-functionalized pillared-layered MOFs by a Cu/Zn mixed metal approach. Dalton Transactions, 2019, 48, 6564-6570.	3.3	22
9	Recovery of MOF-5 from Extreme High-Pressure Conditions Facilitated by a Modern Pressure Transmitting Medium. Chemistry of Materials, 0, , .	6.7	6