

Samuel J Baxter

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Control of structural flexibility of layered-pillared metal-organic frameworks anchored at surfaces. <i>Nature Communications</i> , 2019, 10, 346.	12.8	93
2	Negative Thermal Expansion Design Strategies in a Diverse Series of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2019, 29, 1904669.	14.9	48
3	Tuning Thermal Expansion in Metal-Organic Frameworks Using a Mixed Linker Solid Solution Approach. <i>Journal of the American Chemical Society</i> , 2019, 141, 12849-12854.	13.7	41
4	Flexibility control in alkyl ether-functionalized pillared-layered MOFs by a Cu/Zn mixed metal approach. <i>Dalton Transactions</i> , 2019, 48, 6564-6570.	3.3	22
5	Controlling the Negative Thermal Expansion and Response to Pressure in ReO_3 -type Fluorides by the Deliberate Introduction of Excess Fluoride: $\text{Mg}_{1-x}\text{Zr}_x\text{F}_{6+2x}$, $x = 0.15, 0.30, 0.40$, and 0.50 . <i>Chemistry of Materials</i> , 2019, 31, 3440-3448.	6.7	14
6	Hybrid Double Perovskite Containing Helium: $[\text{He}_2][\text{CaZrF}_6]$. <i>Chemistry of Materials</i> , 2021, 33, 3132-3138.	6.7	7
7	Recovery of MOF-5 from Extreme High-Pressure Conditions Facilitated by a Modern Pressure Transmitting Medium. <i>Chemistry of Materials</i> , 0, , .	6.7	6
8	Controlling the Phase Behavior of Low and Negative Thermal Expansion ReO_3 -Type Fluorides using Interstitial Anions: $\text{Sc}_x\text{Zr}_{1-x}\text{F}_{3+x}$. <i>Inorganic Chemistry</i> , 2020, 59, 7188-7194.	4.0	5
9	Thermal Expansion and Response to Pressure of Double- ReO_3 -Type Fluorides $\text{NaM}_2\text{V}_2\text{F}_6$ ($M = \text{Nb}, \text{Ta}$). <i>Inorganic Chemistry</i> , 2020, 59, 13979-13987.	4.0	3