

Voraksmy Ban

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quenchable Porous High-Temperature Polymorph of Sodium Imidazolate, <i>Nalm. Crystal Growth and Design</i> , 2021, 21, 770-778.	3.0	2
2	Chemically-Controlled Stacking of Inorganic Subnets in Coordination Networks: Metal-Organic Magnetic Multilayers. <i>Inorganic Chemistry</i> , 2018, 57, 8236-8240.	4.0	5
3	Single crystal growth, structure and magnetic properties of $\text{Pr}_2\text{Hf}_2\text{O}_7$ pyrochlore. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 075902.	1.8	11
4	3D-printed jars for ball-milling experiments monitored <i>in situ</i> by X-ray powder diffraction. <i>Journal of Applied Crystallography</i> , 2017, 50, 994-999.	4.5	14
5	Innovative <i>In Situ</i> Ball Mill for X-ray Diffraction. <i>Analytical Chemistry</i> , 2017, 89, 13176-13181.	6.5	35
6	Tuning magnetic spirals beyond room temperature with chemical disorder. <i>Nature Communications</i> , 2016, 7, 13758.	12.8	42
7	Synthesis, Crystal Structure, Thermal Decomposition, and ^{11}B MAS NMR Characterization of $\text{Mg}(\text{BH}_4)_2(\text{NH}_3\text{BH}_3)_2$. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12141-12153.	3.1	41
8	Lithium Hydrazinidoborane: A Polymorphic Material with Potential for Chemical Hydrogen Storage. <i>Chemistry of Materials</i> , 2014, 26, 3249-3255.	6.7	28
9	The First Halide-Free Bimetallic Aluminum Borohydride: Synthesis, Structure, Stability, and Decomposition Pathway. <i>Journal of Physical Chemistry C</i> , 2014, 118, 145-153.	3.1	34
10	Spin-glass state in $\text{Ni}_5(\text{OH})_6(\text{C}_n\text{H}_{2n-4}\text{O}_4)_2$ metal-organic frameworks ($n = 6, 8, 10, 12$). <i>Solid State Sciences</i> , 2014, 37, 154-163.	3.2	2
11	Pressure-Collapsed Amorphous $\text{Mg}(\text{BH}_4)_2$: An Ultradense Complex Hydride Showing a Reversible Transition to the Porous Framework. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23402-23408.	3.1	36
12	Magnetic structure and dynamics of a strongly one-dimensional cobalt framework. <i>Physical Review B</i> , 2014, 89, .	8.2	41
13	<i>In Situ</i> Diffraction Study of Catalytic Hydrogenation of VO_2 : Stable Phases and Origins of Metallicity. <i>Journal of the American Chemical Society</i> , 2014, 136, 8100-8109.	13.7	67
14	Investigation of MBH_4VCl_2 , $\text{M} = \text{Li, Na or K}$. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 8376-8383.	7.1	7