

Hanna L B Boström

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

615
citations

758635

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839053

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19
all docs

19
docs citations

19
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden diversity of vacancy networks in Prussian blue analogues. <i>Nature</i> , 2020, 578, 256-260.	13.7	190
2	Recipes for improper ferroelectricity in molecular perovskites. <i>Nature Communications</i> , 2018, 9, 2380.	5.8	93
3	Columnar shifts as symmetry-breaking degrees of freedom in molecular perovskites. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31881-31894.	1.3	52
4	Control of Multipolar and Orbital Order in Perovskite-like $[\text{C}(\text{NH}_2)_3]_3\text{Cu}_x\text{Cd}_{1-x}(\text{HCOO})_3$ Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 9393-9396.	6.6	36
5	High-pressure behaviour of Prussian blue analogues: interplay of hydration, Jahn-Teller distortions and vacancies. <i>Dalton Transactions</i> , 2019, 48, 1647-1655.	1.6	31
6	Hybrid Perovskites, Metal-Organic Frameworks, and Beyond: Unconventional Degrees of Freedom in Molecular Frameworks. <i>Accounts of Chemical Research</i> , 2021, 54, 1288-1297.	7.6	29
7	Tilts and shifts in molecular perovskites. <i>CrystEngComm</i> , 2020, 22, 961-968.	1.3	28
8	Probing the Influence of Defects, Hydration, and Composition on Prussian Blue Analogues with Pressure. <i>Journal of the American Chemical Society</i> , 2021, 143, 3544-3554.	6.6	23
9	Ordered B-Site Vacancies in an ABX_3 Formate Perovskite. <i>Journal of the American Chemical Society</i> , 2019, 141, 17978-17982.	6.6	21
10	Structure and thermal expansion of the distorted Prussian blue analogue $\text{RbCuCo}(\text{CN})_6$. <i>Chemical Communications</i> , 2019, 55, 10230-10233.	2.2	20
11	Spin crossover in the Prussian blue analogue $\text{FePt}(\text{CN})_6$ induced by pressure or X-ray irradiation. <i>Dalton Transactions</i> , 2020, 49, 12940-12944.	1.6	17
12	Octahedral tilting in Prussian blue analogues. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13690-13699.	2.7	15
13	Tilt and shift polymorphism in molecular perovskites. <i>Materials Horizons</i> , 2021, 8, 2444-2450.	6.4	12
14	Influence of Metal Defects on the Mechanical Properties of ABX_3 Perovskite-Type Metal-formate Frameworks. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1467-1471.	1.5	12
15	Single-step synthesis and interface tuning of core-shell metal-organic framework nanoparticles. <i>Chemical Science</i> , 2021, 12, 4494-4502.	3.7	11
16	Negative X-ray expansion in cadmium cyanide. <i>Materials Horizons</i> , 2021, 8, 1446-1453.	6.4	11
17	Compositional nanodomain formation in hybrid formate perovskites. <i>Chemical Communications</i> , 2017, 53, 11233-11236.	2.2	10
18	A new polar perovskite coordination network with azaspiroundecane as A-site cation. <i>Dalton Transactions</i> , 2020, 49, 10740-10744.	1.6	4