

Josie E Auckett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6695923/publications.pdf>

Version: 2024-02-01

25
papers

375
citations

840776

11
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the nature of the fergusonite \leftrightarrow scheelite phase transition and ionic conductivity enhancement by Mo ⁶⁺ doping in LaNbO ₄ . Journal of Materials Chemistry A, 2021, 9, 4091-4102.	10.3	20
2	Understanding the Correlation between Oxide Ion Mobility and Site Distributions in Ba ₃ NbWO _{8.5} . Inorganic Chemistry, 2020, 59, 14245-14250.	4.0	11
3	Order, Disorder, and Dynamics in Brownmillerite Sr ₂ Fe ₂ O ₅ . Inorganic Chemistry, 2019, 58, 12317-12324.	4.0	7
4	Square Grid Metal \leftrightarrow Chloranilate Networks as Robust Host Systems for Guest Sorption. Chemistry - A European Journal, 2019, 25, 5222-5234.	3.3	31
5	Cation Distributions and Anion Disorder in Ba ₃ NbM ₁ O _{8.5} (M = Ti, Zr, Hf). Journal of Materials Chemistry A, 2019, 7, 25503-25510.	6.7	28
6	Hexagonal perovskite related oxide ion conductor Ba ₃ NbMoO _{8.5} : phase transition, temperature evolution of the local structure and properties. Journal of Materials Chemistry A, 2019, 7, 25503-25510.	10.3	22
7	Anisotropic Thermal and Guest-Induced Responses of an Ultramicroporous Framework with Rigid Linkers. Chemistry - A European Journal, 2018, 24, 4774-4779.	3.3	3
8	Frontispiece: Anisotropic Thermal and Guest-Induced Responses of an Ultramicroporous Framework with Rigid Linkers. Chemistry - A European Journal, 2018, 24, .	3.3	0
9	Insights into Selective Gas Sorbent Functionality Gained by Using Time-Resolved Neutron Diffraction. ChemPlusChem, 2018, 83, 669-675.	2.8	2
10	Continuous negative-to-positive tuning of thermal expansion achieved by controlled gas sorption in porous coordination frameworks. Nature Communications, 2018, 9, 4873.	12.8	33
11	Lattice response of the porous coordination framework Zn(hba) to guest adsorption. Powder Diffraction, 2017, 32, S49-S53.	0.2	1
12	A reinterpretation of the structural and magnetic properties of La _{1-x} NaxSrMn ₂ O ₅ + δ (0.1 \leq x \leq 0.3). Materials Chemistry and Physics, 2017, 186, 1-4.	4.0	0
13	Real-time powder diffraction studies of energy materials under non-equilibrium conditions. IUCr, 2017, 4, 540-554.	2.2	36
14	Flexible Yttrium Coordination Geometry Inhibits π -Bare-Metal \leftrightarrow Guest Interactions in the Metal-Organic Framework Y(btc). Energies, 2016, 9, 836.	3.1	0
15	Type II Bi _{1-x} W _x O _{1.5} + δ : a (3-dimensional) commensurate modulation that stabilizes the fast-ion conducting delta phase of bismuth oxide. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 679-687.	1.1	6
16	Neutron Laue diffraction study of the complex low-temperature magnetic behaviour of brownmillerite-type Ca ₂ Fe ₂ O ₅ . Journal of Applied Crystallography, 2015, 48, 273-279.	4.5	17
17	Single-Crystal Neutron Diffraction Study of Superstructure Ordering and Domain Behaviour in Brownmillerite-Type Ca ₂ Fe ₂ O ₅ . Australian Journal of Chemistry, 2014, 67, 1824.	0.9	1
18	Comment on π -Structural and Mössbauer study of the brownmillerite oxides LaSrMn _{2-x} Fe _x O ₅ (0 \leq x \leq 0.5). Journal of Alloys and Compounds, 2014, 610, 212-213.	5.5	2

#	ARTICLE	IF	CITATIONS
19	Structural Disorder and Classical Spin-Glass Behaviour in Ba ₃ Fe ₂ SbO ₉ . Australian Journal of Chemistry, 2014, 67, 1612.	0.9	2
20	Pressure-Induced Intersite d _{xy} (M=Ru, Ir) Valence Transitions in Hexagonal Perovskites. Angewandte Chemie - International Edition, 2014, 53, 3414-3417.	13.8	14
21	Combined Experimental and Computational Study of Oxide Ion Conduction Dynamics in Sr ₂ Fe ₂ O ₅ Brownmillerite. Chemistry of Materials, 2013, 25, 3080-3087.	6.7	55
22	Magnetic structure of Sr ₂ Fe ₂ O ₅ brownmillerite by single-crystal Mössbauer spectroscopy. Journal of Solid State Chemistry, 2013, 205, 5-9.	2.9	9
23	Coexistence of spin glass and antiferromagnetic orders in Ba ₃ Fe _{2.15} W _{0.85} O _{8.72} . Journal of Physics Condensed Matter, 2012, 24, 206004.	1.8	3
24	Floating-zone growth of brownmillerite Sr ₂ Fe ₂ O ₅ and the observation of a chain-ordered superstructure by single-crystal neutron diffraction. Solid State Ionics, 2012, 225, 432-436.	2.7	29
25	Efficient up-conversion by triplet-triplet annihilation. Journal of Physics: Conference Series, 2009, 185, 012002.	0.4	39