

Jens Hunger

List of Publications by Year in descending order

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34
papers

671
citations

759233

12
h-index

552781

26
g-index

37
all docs

37
docs citations

37
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal Synthesis, Crystal Structure, and Magnetism of Na ₂ [Ir(OH) ₆] and its Dehydration to Na ₂ IrO ₃ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 667-672.	1.2	4
2	Tricyanidoferrate(IV) und Ruthenate(IV) mit redoxaktiven Cyanido-Liganden. Angewandte Chemie, 2021, 133, 16015-16021.	2.0	2
3	Tricyanidoferrates(IV) and Ruthenates(IV) with Non-Innocent Cyanido Ligands. Angewandte Chemie - International Edition, 2021, 60, 15879-15885.	13.8	7
4	Tunable Potassium Ion Conductivity and Magnetism in Substituted Layered Ferrates. European Journal of Inorganic Chemistry, 2021, 2021, 364-376.	2.0	9
5	CaNa[Cr(OH) ₆] – A Layered Hydroxochromate(III) with Ordered Brucite Structure and its Thermal Decomposition. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1130-1137.	1.2	9
6	Oxo-Hydroxoferrate K ₂ Fe ₄ O ₇ (OH): Hydroflux Synthesis, Chemical and Thermal Instability, Crystal and Magnetic Structures. ChemistryOpen, 2019, 8, 74-83.	1.9	16
7	Detuning the Honeycomb of the RuCl ₃ Kitaev Lattice: A Case of Cr ³⁺ Dopant. Inorganic Chemistry, 2019, 58, 6659-6668.	4.0	12
8	Hydrothermal Synthesis, Crystal Structure Determination, and Magnetic Properties of a New Calcium Iron Iridium Hydrogarnet Ca ₃ (Ir ₂ xFe _x)(FeO ₄) ₂ (O ₄ H ₄) ₃ with 0 x 1. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 631-637.	1.2	3
9	Syntheses, Crystal Structures and Physical Properties of Chromium and Rhodium Hydrogarnets Ca ₃ [Cr(OH) ₆] ₂ , Sr ₃ [Cr(OH) ₆] ₂ and Sr ₃ [Rh(OH) ₆] ₂ . European Journal of Inorganic Chemistry, 2019, 2019, 1398-1405.	2.0	13
10	Antiferromagnetic Alkali Metal Oxohydroxoferrates(III) with Correlated Hydrogen Bonding Systems. ChemistryOpen, 2019, 8, 1399-1406.	1.9	16
11	Distortions in the cubic primitive high-pressure phases of calcium. Journal of Physics Condensed Matter, 2019, 31, 065401.	1.8	3
12	gtk-fortran: a GTK+ binding to build Graphical User Interfaces in Fortran. Journal of Open Source Software, 2019, 4, 1109.	4.6	0
13	Hydrothermal synthesis and structure determination of a new calcium iron ruthenium hydrogarnet. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 803-811.	0.7	4
14	Low-Temperature Tailoring of Copper-Deficient Cu ₃ P ₄ Electric Properties, Phase Transitions, and Performance in Lithium-Ion Batteries. Chemistry of Materials, 2018, 30, 7111-7123.	6.7	30
15	syn-BN-heteroacene cored conjugated oligomers with finely tuned blue-violet luminescent properties. Organic and Biomolecular Chemistry, 2017, 15, 7106-7111.	2.8	10
16	Field-induced quantum criticality in the Kitaev system $\hat{H} = -\sum_{ij} J_{ij} S_i \cdot S_j - \sum_{ij} K_{ij} S_i^x S_j^x$. Physical Review B, 2017, 96, .	3.2	1
17	Synthesis of NBN-Type Zigzag-Edged Polycyclic Aromatic Hydrocarbons: 1,9-Diaza-9a-boraphenalene as a Structural Motif. Journal of the American Chemical Society, 2016, 138, 11606-11615.	13.7	121
18	Synthesis and structure of coordination polymers of Mn ²⁺ , Cu ²⁺ , Ag ⁺ , Zn ²⁺ and Cd ²⁺ by combination of bipyrazole and diphenate ligands. Inorganica Chimica Acta, 2013, 397, 60-68.	2.4	4

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19	High-pressure high-temperature synthesis and crystal structure of the isotypic rare earth (RE)â€“thioborateâ€“sulfides RE ₉ [BS ₃] ₂ [BS ₄] ₃ S ₃ , (RE=Dyâ€“Lu). Journal of Solid State Chemistry, 2011, 184, 296-303.	2.9	5
20	Crystal structure of monosamarium trithioborate, Sm[BS ₃]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 223-224.	0.3	2
21	Refinement of the crystal structure of praseodymium trithioborate, Pr[BS ₃], single crystal data. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 217-218.	0.3	1
22	Crystal structure of monoterbium trithioborate, Tb[BS ₃]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 225-226.	0.3	2
23	Synthesis and crystal structure of the isotypic rare earth thioborates Ce[BS ₃], Pr[BS ₃], and Nd[BS ₃]. Journal of Solid State Chemistry, 2010, 183, 702-706.	2.9	12
24	On the Crystal Structure of RE ₃ [BS ₃] ₂ [BS ₄] ₃ S ₃ (RE = Dy -Lu). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2101-2101.	1.2	0
25	Î²â€“Ca ₃ N ₂ , a Metastable Nitride in the System Caâ€“N. Chemistry - A European Journal, 2009, 15, 3419-3425.	3.3	17
26	Hydrothermal Synthesis and Structure of Coordination Polymers by Combination of Bipyrazole and Aromatic Dicarboxylate Ligands. Crystal Growth and Design, 2009, 9, 4613-4625.	3.0	63
27	Sultam and Sultim Structures, Part 5 [1]. Weak Hydrogen Bonds in Molecular Networks of 2-Hetaryl-3-oxosultams in Comparison with 2-Aryl-3-oxosultams. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 669-675.	0.7	0
28	Simulation assisted determination of adsorbate structures. Studies in Surface Science and Catalysis, 2008, 174, 745-750.	1.5	1
29	Characterization of the microporosity of different metal-organic frameworks using ¹²⁹ Xe NMR spectroscopy. Studies in Surface Science and Catalysis, 2007, , 2030-2036.	1.5	4
30	Preparation and characterization of dinuclear palladium tetraaminâ€“thiophenolate complexes coligated by bridging acetate and acetamidate units. Inorganica Chimica Acta, 2007, 360, 3189-3195.	2.4	7
31	Adsorption Structures of Water in NaX Studied by DRIFT Spectroscopy and Neutron Powder Diffraction. Journal of Physical Chemistry B, 2006, 110, 342-353.	2.6	83
32	Synthese und Strukturen neuer oligomerer Zinkaminoalkoxid-Komplexe. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 472-478.	1.2	13
33	Helical Bipyrazole Networks Conditioned by Hydrothermal Crystallization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1095-1100.	1.2	46
34	Isothiazolo[3,2-b]-1,3,4-oxadiazole-5,5-dioxide: Synthesis of a New Heteropentalene System. Heterocycles, 2005, 65, 2705.	0.7	1