

Mateusz Reczynski

List of Publications by Citations

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30
papers

388
citations

11
h-index

19
g-index

33
ext. papers

483
ext. citations

5.1
avg, IF

3.71
L-index

#	Paper	IF	Citations
30	Magnetic clusters based on octacyanidometallates. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 10-27	6.8	63
29	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)](3+)-magnetic CN-bridged chain {(H3O)[Ni(III)(cyclam)][Fe(II)(CN)6]n·xH2O}. <i>Chemical Communications</i> , 2015 , 51, 11485-8	5.8	32
28	A Photomagnetic Sponge: High-Temperature Light-Induced Ferrimagnet Controlled by Water Sorption. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15876-15882	16.4	29
27	Implementation of Chirality into High-Spin Ferromagnetic CoII9WV6 and NiII9WV6 Cyanido-Bridged Clusters. <i>Crystal Growth and Design</i> , 2015 , 15, 3573-3581	3.5	27
26	Larger pores and higher Tc: {[Ni(cyclam)]3[W(CN)8]2·xH2O}n a new member of the largest family of pseudo-polymorphic isomers among octacyanomethylate-based assemblies. <i>CrystEngComm</i> , 2015 , 17, 3526-3532	3.3	27
25	Dehydration of Octacyanido-Bridged Ni-W Framework toward Negative Thermal Expansion and Magneto-Colorimetric Switching. <i>Inorganic Chemistry</i> , 2017 , 56, 179-185	5.1	22
24	Humidity driven molecular switch based on photoluminescent DyIII/CoIII single-molecule magnets. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4164-4172	7.1	21
23	Multi-colour uranyl emission efficiently tuned by hexacyanidometallates within hybrid coordination frameworks. <i>Chemical Communications</i> , 2019 , 55, 3057-3060	5.8	19
22	A water sensitive ferromagnetic [Ni(cyclam)]2[Nb(CN)8] network. <i>Dalton Transactions</i> , 2013 , 42, 2616-214.3	4.3	17
21	Dehydration-Triggered Charge Transfer and High Proton Conductivity in (HO)[Ni(cyclam)][M(CN)] (M = Ru, Os) Cyanide-Bridged Chains. <i>Inorganic Chemistry</i> , 2018 , 57, 13415-13422	5.1	16
20	Solvatomagnetic Studies on Cyano-Bridged Bimetallic Chains Based on [Mn(cyclam)]3+ and Hexacyanomethylates. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 99-106	2.3	12
19	The Rule Rather than the Exception: Structural Flexibility of [Ni(cyclam)]2+-Based Cyano-Bridged Magnetic Networks. <i>Crystal Growth and Design</i> , 2016 , 16, 4736-4743	3.5	11
18	Multifunctionality in molecular magnetism. <i>Science Progress</i> , 2015 , 98, 346-78	1.1	11
17	Cyclams with varied degree of protonation in the assemblies with cyano complexes of Mo and W. <i>Polyhedron</i> , 2012 , 47, 73-78	2.7	11
16	Connecting Visible Photoluminescence and Slow Magnetic Relaxation in Dysprosium(III) Octacyanidorhenate(V) Helices. <i>Inorganic Chemistry</i> , 2018 , 57, 14039-14043	5.1	11
15	Tuning the Optical Properties of Magnetic Materials. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2669-2678	2.3	10
14	Exploration of a new building block for the construction of cyano-bridged solvatomagnetic assemblies: [Ni(cyclam)]3+. <i>CrystEngComm</i> , 2016 , 18, 7011-7020	3.3	9

13	Proton-Conducting Humidity-Sensitive Ni-Nb Magnetic Coordination Network. <i>Inorganic Chemistry</i> , 2019 , 58, 15812-15823	5.1	9
12	Guest-Dependent Pressure-Induced Spin Crossover in Fe [M(CN)] (M=Mo, W) Cluster-Based Material Showing Persistent Solvent-Driven Structural Transformations. <i>Chemistry - A European Journal</i> , 2020 , 26, 11187-11198	4.8	7
11	Room-Temperature Bistability in a Ni-Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2330-2338	16.4	6
10	Modification of Structure and Magnetic Properties in Coordination Assemblies Based on [Cu(cyclam)] ²⁺ and [W(CN) ₈] ³⁻ . <i>Crystals</i> , 2019 , 9, 45	2.3	4
9	Ligand dependent topology and spontaneous resolution in high-spin cyano-bridged Ni ₃ W ₂ clusters. <i>Dalton Transactions</i> , 2016 , 45, 12423-31	4.3	4
8	New topology of CN-bridged clusters: dodecanuclear face-sharing defective cubes based on octacyanomethylates(IV) and nickel(II) with diimine ligands. <i>Dalton Transactions</i> , 2015 , 44, 12780-7	4.3	3
7	Large breathing effect induced by water sorption in a remarkably stable nonporous cyanide-bridged coordination polymer. <i>Chemical Science</i> , 2021 , 12, 9176-9188	9.4	3
6	Hepta-coordinated Ni(II) assemblies - structure and magnetic studies. <i>Dalton Transactions</i> , 2021 , 50, 5251-5261	4.5	2
5	Solvent- and Temperature-Driven Photoluminescence Modulation in Porous Hofmann-Type Sr-Re Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 4093-4107	5.1	1
4	Reaktitelbild: Room-Temperature Bistability in a Ni/Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity (Angew. Chem. 5/2021). <i>Angewandte Chemie</i> , 2021 , 133, 2740-2740	3.6	1
3	Tunable magnetic anisotropy in luminescent cyanido-bridged {DyPt} molecules incorporating heteroligand Pt linkers. <i>Dalton Transactions</i> , 2021 , 50, 16242-16253	4.3	0
2	Room-Temperature Bistability in a Ni/Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie</i> , 2021 , 133, 2360-2368	3.6	0
1	Tuning of magnetic properties of the 2D CN-bridged Ni-Nb framework by incorporation of guest cations of alkali and alkaline earth metals. <i>Dalton Transactions</i> , 2021 , 50, 7537-7544	4.3	0