

Beata Nowicka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

889
citations

16
h-index

29
g-index

46
ext. papers

1,003
ext. citations

5.7
avg. IF

3.87
L-index

#	Paper	IF	Citations
42	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands [new molecular traps for small volatile molecules. <i>CrystEngComm</i> , 2022 , 24, 330-340	3.3	0
41	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
40	Room-Temperature Bistability in a NiFe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie</i> , 2021 , 133, 2360-2368	3.6	0
39	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
38	Rücktitelbild: Room-Temperature Bistability in a NiFe 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
37	Hepta-coordinated Ni(II) assemblies - structure and magnetic studies. <i>Dalton Transactions</i> , 2021 , 50, 5251-5261	4.9	2
36	Octacyanidometallates for multifunctional molecule-based materials. <i>Chemical Society Reviews</i> , 2020 ,	58.5	43
35	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
34	A two-fold 3D interpenetrating cyanido-bridged network based on the octa-coordinated [Mo(CN) ₈] ⁴⁻ building block. <i>CrystEngComm</i> , 2019 , 21, 5067-5075	3.3	4
33	Proton-Conducting Humidity-Sensitive Ni-Nb Magnetic Coordination Network. <i>Inorganic Chemistry</i> , 2019 , 58, 15812-15823	5.1	9
32	Hybrid Organic-Inorganic Cyanide-Bridged Networks. <i>Topics in Organometallic Chemistry</i> , 2018 , 1-34	0.6	
31	Cyanido-Bridged Clusters with Remote N-Oxide Groups for Branched Multimetallic Systems. <i>Crystal Growth and Design</i> , 2018 , 18, 4766-4776	3.5	5
30	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
29	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
28	Solvatomagnetic Studies on Cyano-Bridged Bimetallic Chains Based on [Mn(cyclam)] ³⁺ and Hexacyanometallates. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 99-106	2.3	12
27	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
26	Structure dependent charge transfer in bipyrimidinium-octacyanotungstate ion pairs. <i>Polyhedron</i> , 2016 , 119, 1-6	2.7	2

25	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
24	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
23	Magnetocaloric effect of high-spin cluster with Ni ₉ W ₆ core. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 414, 25-31	2.8	8
22	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)] ³⁺ -magnetic CN-bridged chain {(H ₃ O)[Ni(III)(cyclam)][Fe(II)(CN) ₆] _n ·nH ₂ O}. <i>Chemical Communications</i> , 2015 , 51, 11485-8	5.8	32
21	Implementation of Chirality into High-Spin Ferromagnetic CoII ₉ W ₆ and NiII ₉ W ₆ Cyanido-Bridged Clusters. <i>Crystal Growth and Design</i> , 2015 , 15, 3573-3581	3.5	27
20	Larger pores and higher T _c : {[Ni(cyclam)] ₃ [W(CN) ₈] ₂ ·xolv} _n a new member of the largest family of pseudo-polymorphic isomers among octacyanometallate-based assemblies. <i>CrystEngComm</i> , 2015 , 17, 3526-3532	3.3	27
19	New topology of CN-bridged clusters: dodecanuclear face-sharing defective cubes based on octacyanometallates(IV) and nickel(II) with diimine ligands. <i>Dalton Transactions</i> , 2015 , 44, 12780-7	4.3	3
18	Magnetic clusters based on octacyanidometallates. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 10-27	6.8	63
17	A water sensitive ferromagnetic [Ni(cyclam)] ₂ [Nb(CN) ₈] network. <i>Dalton Transactions</i> , 2013 , 42, 2616-214.3	4.3	17
16	Construction of CN-bridged molecular squares employing penta-, hexa- and octa-coordinated metal ions. <i>Polyhedron</i> , 2013 , 52, 442-447	2.7	13
15	The impact of ligands upon topology and functionality of octacyanidometallate-based assemblies. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1946-1971	23.2	148
14	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
13	Geometrical isomerism in pentadecanuclear high-spin Ni ₉ W ₆ clusters with symmetrical bidentate ligands detected. <i>CrystEngComm</i> , 2012 , 14, 6559	3.3	16
12	Microporous {[Ni(cyclam)] ₃ [W(CN) ₈] ₂ } _n affording reversible structural and magnetic conversions. <i>Dalton Transactions</i> , 2011 , 40, 3067-73	4.3	36
11	A Decade of Octacyanides in Polynuclear Molecular Materials. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 305-326	2.3	92
10	Towards high T _c octacyanometallate-based networks. <i>CrystEngComm</i> , 2009 , 11, 2032	3.3	67
9	Reversible guest-induced magnetic and structural single-crystal-to-single-crystal transformation in microporous coordination network {[Ni(cyclam)] ₃ [W(CN) ₈] ₂ }. <i>Inorganic Chemistry</i> , 2007 , 46, 8123-5	5.1	76
8	Ion Pairs between Maleonitriledithiolato Complex Dianions of Cobalt and Nickel and Macrocyclic Ligand Complex Dications of Nickel(II) [Control of Intrapair Interaction through Ligand Modification. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 2169-2175	5.1	13

7	Structure and properties of the ion pair charge-transfer complex of octacyanotungstate(IV) with the 2,2'-bipyridinium dication. <i>Transition Metal Chemistry</i> , 1999 , 24, 177-182	2.1	17
6	Syntheses and Magnetic Properties of 1,4,8,11-Tetraazacyclotetradecanenickel(II) Tetra-, Hexa-, and Octa-cyanometalates. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 441-445	5.1	17
5	Solvent Effects on the piezochromism of molybdenum(IV) and tungsten(IV) anions [M(CN) ₃ O(diimine)] ⁻ <i>Transition Metal Chemistry</i> , 1998 , 23, 317-319	2.1	4
4	Solvent effects on piezochromism of transition metal complexes. <i>Transition Metal Chemistry</i> , 1998 , 23, 615-618	2.1	10
3	Syntheses and X-ray crystal structure of (dq) ₂ [M (CN) ₈] · 5H ₂ O (M = Mo, W; dq = diquat). <i>Polyhedron</i> , 1998 , 17, 3167-3174	2.7	19
2	Ion-pairing and charge-transfer interactions between octacyano-molybdates(IV) and -tungstates(IV) and diquateryary bipyridines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 1021-1024		7
1	Oxocyno complexes of molybdenum(IV) and tungsten(IV) with Schiff base ligands derived from salicylaldehyde and aliphatic amines. Crystal structure of [PPh ₄] ₂ [Mo(CN) ₃ O(ensal)] · 5.5H ₂ O (Hensal = N-salicylideneethylenediamine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 4009-4014		16