Barbara Sieklucka

List of Publications by Year in descending order

203 papers	6,293 citations	66343 42 h-index	102487 66 g-index
242 all docs	242 docs citations	242 times ranked	2811 citing authors

#	Article	IF	Citations
1	Photomagnetism in Clusters and Extended Molecule-Based Magnets. Inorganic Chemistry, 2009, 48, 3453-3466.	4.0	210
2	Supramolecular coordination networks based on octacyanometalates: From structure to function. Coordination Chemistry Reviews, 2006, 250, 2234-2260.	18.8	201
3	The impact of ligands upon topology and functionality of octacyanidometallate-based assemblies. Coordination Chemistry Reviews, 2012, 256, 1946-1971.	18.8	164
4	Engineering of octacyanometalate-based coordination networks towards functionality. Coordination Chemistry Reviews, 2005, 249, 2203-2221.	18.8	155
5	Enforcing Multifunctionality: A Pressure-Induced Spin-Crossover Photomagnet. Journal of the American Chemical Society, 2015, 137, 8795-8802.	13.7	144
6	Crystal Structures and Magnetic Properties of Two Low-Dimensional Materials Constructed from [MnIII(salen)H2O]+and [M(CN)8]3-/4-(M = Mo or W) Precursors. Inorganic Chemistry, 2004, 43, 2967-2974.	4.0	110
7	Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive {YbCo₂} Molecular Nanomagnets. Journal of the American Chemical Society, 2020, 142, 3970-3979.	13.7	106
8	2-D soft ferromagnet based on [WV(CN)8]3â€“ and CuII with a Tc of 34 KElectronic supplementary information (ESI) available: structure of [Cu(tetren)]2+ in 1 and (NC)7Wâ€“CNâ€“Cu(NC)4 structural motif of 2; table and figures of IR spectra of 1, 2, tetrenÂ·5HCl and free tetren. See http://www.rsc.org/suppdata/cc/b2/b202810g/. Chemical Communications, 2002, , 1138-1139.	4.1	102
9	Octacyanidometallates for multifunctional molecule-based materials. Chemical Society Reviews, 2020, 49, 5945-6001.	38.1	100
10	A Decade of Octacyanides in Polynuclear Molecular Materials. European Journal of Inorganic Chemistry, 2011, 2011, 305-326.	2.0	99
11	Dehydrationâ€“Hydration Switching of Single-Molecule Magnet Behavior and Visible Photoluminescence in a Cyanido-Bridged DyIIICoIII Framework. Journal of the American Chemical Society, 2019, 141, 18211-18220.	13.7	93
12	Pentanuclear Octacyanotungstate(V)-Based Molecule with a High Spin Ground StateS=13/2. Inorganic Chemistry, 2002, 41, 1323-1327.	4.0	90
13	Photomagnetism in Cyano-Bridged Hexanuclear Clusters [MnII(bpy)2]4[MIV(CN)8]2Â·xH2O (M = Mo, x =) Tj ETQq1 1 0.784314 rgBT	6.7	90
14	Multifunctional Magnetic Molecular {[Mn^{II}(urea)₂(H₂O)]₂[Nb^{IV}(CN)₈]}_n System: Magnetization-Induced SHG in the Chiral Polymorph. Chemistry of Materials, 2011, 23, 21-31.	8.6	88
15	X-ray Evidence of CN Bridging in Bimetallic Complexes Based on [M(CN)8]4-(M = Mo, W). The Crystal Structure of {[Mn(bpy)2]2(Î¼-NC)2[Mo(CN)6]2(Î¼-CN)2[Mn(bpy)2]2}Â·8H2O. Inorganic Chemistry, 2000, 39, 5156-5158.	4.0	84
16	White Light Emissive Dy^{III} Singleâ€Molecule Magnets Sensitized by Diamagnetic [Co^{III}(CN)₆]^{3â^'} Linkers. Chemistry - A European Journal, 2016, 22, 7371-7375.	3.3	83
17	Tuning of Magnetic Properties of Polynuclear Lanthanide(III)â^'Octacyanotungstate(V) Systems:â€‰ Determination of Ligand-Field Parameters and Exchange Interaction. Inorganic Chemistry, 2007, 46, 8924-8938.	4.0	81
18	Reversible Guest-Induced Magnetic and Structural Single-Crystal-to-Single-Crystal Transformation in Microporous Coordination Network {[Ni(cyclam)]3[W(CN)8]2}n. Inorganic Chemistry, 2007, 46, 8123-8125.	4.0	81

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19	Double Switching of a Magnetic Coordination Framework through Intraskeletal Molecular Rearrangement. Angewandte Chemie - International Edition, 2011, 50, 3973-3977.	13.8	79
20	Magnetic Spongelike Behavior of 3D Ferrimagnetic {[Mn^{II}(imH)]₂[Nb^{IV}(CN)₈]}_n with T_c = 62 K. Inorganic Chemistry, 2008, 47, 9745-9747.	4.0	77
21	Tuning of Charge Transfer Assisted Phase Transition and Slow Magnetic Relaxation Functionalities in {Fe_{9â€“x}Co_x[W(CN)₈]₆} (x = 0â€“9) Molecular Solid Solution. Journal of the American Chemical Society, 2016, 138, 1635-1646.	13.7	76
22	Magnetic clusters based on octacyanidometallates. Inorganic Chemistry Frontiers, 2015, 2, 10-27.	6.0	74
23	Conjunction of Chirality and Slow Magnetic Relaxation in the Supramolecular Network Constructed of Crossed Cyano-Bridged Co^{II}â€“W^V Molecular Chains. Journal of the American Chemical Society, 2012, 134, 16151-16154.	13.7	73
24	High T_c Ferrimagnetic Organicâ^'Inorganic Hybrid Materials with Mn^{II}â^'Lâ^'Mn^{II} and Mn^{II}â^'NCâ^'Nb^{IV} Linkages (L = Pyrazine,)	4.5	70
25	Octacyanidorhenate(V) Ion as an Efficient Linker for Hysteretic Twoâ€Step Iron(II) Spin Crossover Switchable by Temperature, Light, and Pressure. Angewandte Chemie - International Edition, 2020, 59, 15741-15749.	13.8	71
26	Towards high Tc octacyanometalate-based networks. CrystEngComm, 2009, 11, 2032.	2.6	68
27	Coâ€“NCâ€“W and Feâ€“NCâ€“W Electronâ€Transfer Channels for Thermal Bistability in Trimetallic {Fe₆Co₃[W(CN)₈]₆} Cyanidoâ€Bridged Cluster. Angewandte Chemie - International Edition, 2013, 52, 896-900.	13.8	68
28	Grid-Type Two-Dimensional Magnetic Multinuclear Metal Complex:Â Strands of {[CuII(I¼-4,4â€˜-bpy)]2+}nCross-Linked by Octacyanotungstate(V) Ions. Inorganic Chemistry, 2004, 43, 4811-4813.	4.0	59
29	[Ln(terpy)]3+(Ln = Sm, Gd) entity forms isolated magnetic chains with [W(CN)8]3â^'. Dalton Transactions, 2006, , 625-628.	3.3	59
30	Nature of Magnetic Interactions in 3D {[M^{II}(pyrazole)₄]₂[Nb^{IV}(CN)₈]Â·4H₂O}_n (M = Mn, Fe, Co, Ni) Molecular Magnets. Inorganic Chemistry, 2010, 49, 7565-7576.	4.0	58
31	Green to Red Luminescence Switchable by Excitation Light in Cyanido-Bridged Tb^{III}â€“W^V Ferromagnet. Chemistry of Materials, 2014, 26, 4072-4075.	6.7	58
32	Fe^{II} Spinâ€Crossover Phenomenon in the Pentadecanuclear {Fe₉[Re(CN)₈]₆} Spherical Cluster. Angewandte Chemie - International Edition, 2015, 54, 5093-5097.	13.8	58
33	Natural and magnetic optical activity of 2-D chiral cyanido-bridged MnIIâ€“NbIV molecular ferrimagnets. Chemical Communications, 2013, 49, 6731.	4.1	55
34	Octacyanidotungstate(IV) Coordination Chains Demonstrate a Lightâ€Induced Excited Spin State Trapping Behavior and Magnetic Exchange Photoswitching. Angewandte Chemie - International Edition, 2017, 56, 13283-13287.	13.8	54
35	Coordination polymers based on octacyanometalates(iv,v) (M = Mo, W) and aliphatic polyamine copper(ii) tectons with [N3] donor atom sets. Dalton Transactions, 2003, , 3458-3468.	3.3	53
36	Lanthanide Photoluminescence in Heterometallic Polycyanidometallate-Based Coordination Networks. Molecules, 2017, 22, 1902.	3.8	52

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37	Multifunctionality in Bimetallic Ln^{III}[W^V(CN)₈]^{3â^'} (Ln=Gd, Nd) Coordination Helices: Optical Activity, Luminescence, and Magnetic Coupling. Chemistry - A European Journal, 2014, 20, 7144-7159.	3.3	50
38	TbCo and Tb0.5Dy0.5Co layered cyanido-bridged frameworks for construction of colorimetric and ratiometric luminescent thermometers. Journal of Materials Chemistry C, 2018, 6, 8372-8384.	5.5	48
39	Fine Tuning of Multicolored Photoluminescence in Crystalline Magnetic Materials Constructed of Trimetallic Eu_xTb_{1â€“x}[Co(CN)₆] Cyanido-Bridged Chains. Inorganic Chemistry, 2017, 56, 5239-5252.	4.0	47
40	A new family of magnetic 2D coordination polymers based on [M V (CN) 8] 3â^' (M=Mo, W) and pre-programmed Cu 2+ centres. Polyhedron, 2003, 22, 2183-2190.	2.2	46
41	Visible to Near-Infrared Emission from Ln^{III}(Bis-oxazoline)â€“[Mo^V(CN)₈] (Ln = Ceâ€“Yb) Magnetic Coordination Polymers Showing Unusual Lanthanide-Dependent Sliding of Cyanido-Bridged Layers. Inorganic Chemistry, 2015, 54, 4724-4736.	4.0	44
42	Achieving white light emission and increased magnetic anisotropy by transition metal substitution in functional materials based on dinuclear Dy^{III}(4-pyridone)[M^{III}(CN)₆]^{3â^'} (M = Co, Rh) molecules. Journal of Materials Chemistry C, 2018, 6, 473-481.	5.5	44
43	Photoluminescent Lanthanide(III) Singleâ€Molecule Magnets in Threeâ€Dimensional Polycyanidocuprate(I)â€Based Frameworks. Chemistry - A European Journal, 2019, 25, 11820-11825.	3.3	44
44	A Photomagnetic Sponge: High-Temperature Light-Induced Ferrimagnet Controlled by Water Sorption. Journal of the American Chemical Society, 2018, 140, 15876-15882.	13.7	43
45	Magnetostructural Correlations in Cu^{II}â^'NCâ^'W^V Linkage: The Case of [Cu^{II}(diimine)]²⁺â^'[W^V(CN)₈]^{3â^'} 0D Assemblies. Inorganic Chemistry, 2009, 48, 2865-2872.	4.0	42
46	Effect of Noble Metals on Luminescence and Single-Molecule Magnet Behavior in the Cyanido-Bridged Lnâ€“Ag and Lnâ€“Au (Ln = Dy, Yb, Er) Complexes. Inorganic Chemistry, 2019, 58, 5677-5687.	4.0	42
47	Site-Selective Photoswitching of Two Distinct Magnetic Chromophores in a Propeller-Like Molecule To Achieve Four Different Magnetic States. Journal of the American Chemical Society, 2019, 141, 19067-19077.	13.7	42
48	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe9[W(CN)8]6Â·xMeOH cluster. Chemical Communications, 2014, 50, 3484.	4.1	41
49	Electron Transfer in the [Pt(NH3)4]2+ [W(CN)8]3- Donorâ^'Acceptor System. The Environment Effect:â€‰ A Time-Dependent Density Functional Study. Journal of the American Chemical Society, 2001, 123, 10742-10743.	13.7	39
50	Iron(II)-octacyanoniobate(IV) ferromagnet with TC 43 K. Dalton Transactions, 2009, , 7771.	3.3	39
51	An unprecedented copper(i,ii)â€“octacyanotungstate(v) 2-D network: crystal structure and magnetism of [CuII(tren)]{CuI[WV(CN)8]}Â·1.5H2O. Chemical Communications, 2005, , 2939.	4.1	38
52	Microporous {[Ni(cyclam)]3[W(CN)8]2}n affording reversible structural and magnetic conversions. Dalton Transactions, 2011, 40, 3067.	3.3	38
53	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)]³⁺ â€“ magnetic CN-bridged chain {(H₃O)[Ni^{III}(cyclam)][Fe^{II}(CN)₆]Â·5H₂O}_n. Chemical Communications, 2015, 51, 11485-11488.	4.1	38
54	Near-infrared emissive Er(<scp>iii</scp>) and Yb(<scp>iii</scp>) molecular nanomagnets in metalâ€“organic chains functionalized by octacyanidometallates(<scp>iv</scp>). Inorganic Chemistry Frontiers, 2019, 6, 2423-2434.	6.0	38

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55	Modular approach towards functional multimetallic coordination clusters. Coordination Chemistry Reviews, 2020, 419, 213394.	18.8	38
56	Octahedral Yb(<scp>iii</scp>) complexes embedded in [Co^{III}(CN)₆]-bridged coordination chains: combining sensitized near-infrared fluorescence with slow magnetic relaxation. Dalton Transactions, 2017, 46, 13668-13672.	3.3	37
57	Testing the High Spin MnII9WV6 Cluster as Building Block for Three-Dimensional Coordination Networks. Crystal Growth and Design, 2008, 8, 3817-3821.	3.0	36
58	Structural and spectroscopic characterisation of bis-ligand complexes of iron(ii), nickel(ii) and nickel(iii) with the hydrotris(methimazolyl)borate anion: soft S6 donor sets generating a weak ligand field. Dalton Transactions, 2003, , 1181-1185.	3.3	35
59	Humidity driven molecular switch based on photoluminescent Dy^{III}Co^{III} single-molecule magnets. Journal of Materials Chemistry C, 2019, 7, 4164-4172.	5.5	35
60	Exploring the formation of 3D ferromagnetic cyano-bridged CuII2+x{CuII4[WV(CN)8]4â€“2x[WIV(CN)8]2x}Â·yH2O networks. Journal of Materials Chemistry, 2007, 17, 3308.	6.7	34
61	Evidence for magnetic anisotropy of [NbIV(CN)8]4â^' in a pillared-layered Mn2Nb framework showing spin-flop transition. Chemical Communications, 2012, 48, 8323.	4.1	33
62	Supramolecular Chains and Coordination Nanowires Constructed of High-Spin Co^{II}₉W^V₆ Clusters and 4,4â€²-bpdo Linkers. Crystal Growth and Design, 2013, 13, 3036-3045.	3.0	33
63	Antiferromagnetic coupling through cyano-bridge and H-bonds in [MnIII(3-OMesalophen)(H2O)2]2[MnIII(3-OMesalophen)(H2O)] [WV(CN)8]Â·2H2O. Inorganic Chemistry Communication, 2005, 8, 350-354.	3.9	31
64	Photo-induced magnetic properties of the [Cu^{II}(bapa)]₂[Mo^{IV}(CN)₈]Â·7H₂O molecular ribbon. Journal of Materials Chemistry C, 2015, 3, 8712-8719.	5.5	31
65	Modulation of the FeII spin crossover effect in the pentadecanuclear {Fe9[M(CN)8]6} (M = Re, W) clusters by facial coordination of tridentate polyamine ligands. Dalton Transactions, 2017, 46, 8027-8036.	3.3	31
66	Supramolecular networks based on octacyanometallates of Mo and W. Comptes Rendus Chimie, 2002, 5, 639-649.	0.5	30
67	Cobalt(ii) octacyanotungstate(v) organicâ€“inorganic hybrid ferromagnetic materials with pyrazine and 4,4â€²-bipyridine. Dalton Transactions, 2006, , 2801-2809.	3.3	30
68	{MnII9WV6}nNanowires Organized into Three-Dimensional Hybrid Network of I1O2Topology. Crystal Growth and Design, 2010, 10, 4693-4696.	3.0	30
69	Roomâ€Temperature Bistability in a Niâ€“Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. Angewandte Chemie - International Edition, 2021, 60, 2330-2338.	13.8	30
70	Implementation of Chirality into High-Spin Ferromagnetic Co^{II}₉W^V₆ and Ni^{II}₉W^V₆ Cyanido-Bridged Clusters. Crystal Growth and Design, 2015, 15, 3573-3581.	3.0	29
71	Larger pores and higher T_c: {[Ni(cyclam)]₃[W(CN)₈]₂Â·solv}_n â€“ a new member of the largest family of pseudo-polymorphic isomers among octacyanometallate-based assemblies. CrystEngComm, 2015, 17, 3526-3532.	2.6	29
72	Multi-colour uranyl emission efficiently tuned by hexacyanidometallates within hybrid coordination frameworks. Chemical Communications, 2019, 55, 3057-3060.	4.1	29

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73	Magnetic ordering in the double-layered molecular magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Cu</mml:mtext><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mtext>tetren</mml:mtext></mml:mrow> Physical Review B, 2008, 78, .	3.2	28
74	Magnetic Properties versus Network Dimensionality of Cerium(III) Octacyanotungstate(V) Compounds. Inorganic Chemistry, 2010, 49, 4268-4277.	4.0	28
75	Near-Infrared Photoluminescence in Hexacyanido-Bridged Ndâ€“Cr Layered Ferromagnet. Crystal Growth and Design, 2016, 16, 4918-4925.	3.0	28
76	Reversible Single-Crystal-to-Single-Crystal Transformation in Photomagnetic Cyanido-Bridged Cd₄M₂ Octahedral Molecules. Inorganic Chemistry, 2017, 56, 12914-12919.	4.0	28
77	Thermal switching between blue and red luminescence in magnetic chiral cyanido-bridged EuIIIâ€“WVcoordination helices. RSC Advances, 2013, 3, 1065-1068.	3.6	27
78	Optical Activity and Dehydration-Driven Switching of Magnetic Properties in Enantiopure Cyanido-Bridged Co^{II}₃W^V₂ Trigonal Bipyramids. Inorganic Chemistry, 2015, 54, 5784-5794.	4.0	27
79	Structural anisotropy of cyanido-bridged {CoII9WV6} single-molecule magnets induced by bidentate ligands: towards the rational enhancement of an energy barrier. Chemical Communications, 2016, 52, 4772-4775.	4.1	27
80	Influence of octacyanoniobate(IV)-bridging geometry on Tc in Mn2Nb ferrimagnets of identical 3D topology. Inorganica Chimica Acta, 2008, 361, 3957-3962.	2.4	26
81	Dehydration of Octacyanido-Bridged Ni^{II}-W^{IV} Framework toward Negative Thermal Expansion and Magneto-Colorimetric Switching. Inorganic Chemistry, 2017, 56, 179-185.	4.0	26
82	Self-assembly of tetranuclear {[Co(trien)]2[W(CN)8]2}2â€“ or {[Co(tren)]2[W(CN)8]2}2â€“ squares with alternating aliphatic tetramine Co(iii) and octacyanotungstate(iv) cornersElectronic supplementary information (ESI) available: the distances (Ã...) and angles (Â°) of possible hydrogen bonds for K2{[CoIII(tren)]2[WIV(CN)8]2}Â·9H2O (2); rate constants and activation parameters for the reaction of cis-l±-[Cr(trien)Cl(OH2)]2+ with [W(CN)8]4â€“ in aqueous solution. See http://www.rsc.org/suppdata/dt/b2/b210669h/. Dalton Transactions, 2003, , 1033-1040.	3.3	25
83	Humidity-Driven Reversible Transformation and Guest Inclusion in a Two-Dimensional Coordination Framework Tailored by Organic Polyamine Cation. Crystal Growth and Design, 2011, 11, 3866-3876.	3.0	25
84	Europium(III) Photoluminescence Governed by d8â€“d10 Heterometallophilic Interactions in Trimetallic Cyanido-Bridged Coordination Frameworks. Inorganic Chemistry, 2020, 59, 1393-1404.	4.0	25
85	A water sensitive ferromagnetic [Ni(cyclam)]₂[Nb(CN)₈] network. Dalton Transactions, 2013, 42, 2616-2621.	3.3	24
86	In Situ Ligand Transformation for Two-Step Spin Crossover in FeII[MIV(CN)8]4â€“ (M = Mo, Nb) Cyanido-Bridged Frameworks. Inorganic Chemistry, 2019, 58, 6052-6063.	4.0	24
87	First example of photomagnetic effects in ionic pairs [Ni(bipy)3]2[Mo(CN)8]Â·12H2O. Inorganica Chimica Acta, 2008, 361, 3500-3504.	2.4	23
88	High-pressure single-crystal XRD and magnetic study of a octacyanoniobate-based magnetic sponge. CrystEngComm, 2012, 14, 5224.	2.6	23
89	Magnetocaloric Effect in a Mn2-Pyridazine-[Nb(CN)8] Molecular Magnetic Sponge. European Journal of Inorganic Chemistry, 2012, 2012, 3830-3834.	2.0	23
90	A Family of Octahedral Magnetic Molecules Based on [Nb^{IV}(CN)₈]^{4â€“}. Inorganic Chemistry, 2017, 56, 4021-4027.	4.0	22

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91	Hybrid organicâ€“inorganic connectivity of Nd^{III}(pyrazine-N,Nâ€²-dioxide)[Co^{III}(CN)₆]^{3â^’} coordination chains for creating near-infrared emissive Nd(<scp>iii</scp>) showing field-induced slow magnetic relaxation. Dalton Transactions, 2018, 47, 7870-7874.	3.3	22
92	Wide-Range UV-to-Visible Excitation of Near-Infrared Emission and Slow Magnetic Relaxation in Ln^{III}(4,4â€²-Azopyridine-1,1â€²-dioxide)[Co^{III}(CN)₆]^{3â€“} Layered Frameworks. Inorganic Chemistry, 2019, 58, 165-179.	4.0	22
93	Basket weave-like 2-D coordination polymer generated by the self-assembly of [Mn(H2O)6]2+and geometrically anisotropic [W(CN)6bpy]2â^’precursors. CrystEngComm, 2002, 4, 199-201.	2.6	21
94	Series of M^I[Co(bpy)₃][Mo(CN)₈]Â·nH₂O (M^I= Li (1), K (2), Rb (3), Cs (4);n= 7â^’8) Exhibiting Reversible Diamagnetic to Paramagnetic Transition Coupled with Dehydrationâ^’Rehydration Process. Inorganic Chemistry, 2010, 49, 2765-2772.	4.0	21
95	Role of Pyrazine-N,Nâ€²-dioxide in [W(CN)₈]^{nâ^’}-Based Hybrid Networks: Anionâ^’Ï€ Interactions. Crystal Growth and Design, 2014, 14, 4030-4040.	3.0	21
96	Irradiation Temperature Dependence of the Photomagnetic Mechanisms in a Cyanido-Bridged Cu^{II}₂Mo^{IV} Trinuclear Molecule. Inorganic Chemistry, 2018, 57, 8137-8145.	4.0	21
97	Photoswitchable CuII4Mo^{IV} and CuII2Mo^{IV} cyanido-bridged molecules. Dalton Transactions, 2016, 45, 16585-16595.	3.3	20
98	Dehydration-Triggered Charge Transfer and High Proton Conductivity in (H₃O)[Ni^{III}(cyclam)][M^{II}(CN)₆] (M = Ru, Os) Cyanide-Bridged Chains. Inorganic Chemistry, 2018, 57, 13415-13422.	4.0	20
99	pH dependent photolysis of octacyanotungstate(IV) and kinetics of thermal reactions of photoproducts. Journal of Inorganic and Nuclear Chemistry, 1980, 42, 1003-1007.	0.5	19
100	Laser flash photolysis study of the charge-transfer photochemistry of octacyanomolybdate(V) and octacyanotungstate(V) ions. Journal of the Chemical Society Dalton Transactions, 1986, , 1217.	1.1	19
101	Metalâ€“metal interactions in bent cyano-bridged trinuclear octacyanomolybdate(IV)â€“platinum(IV) complexes. Polyhedron, 2001, 20, 685-694.	2.2	19
102	W-Knotted Chain {[CuII(dien)]4[WV(CN)8]}5+âˆž: Synthesis, Crystal Structure, Magnetism, and Theory. Inorganic Chemistry, 2011, 50, 3213-3222.	4.0	19
103	Self-Enhancement of Rotating Magnetocaloric Effect in Anisotropic Two-Dimensional (2D) Cyanido-Bridged Mn^{II}â€“Nb^{IV} Molecular Ferrimagnet. Inorganic Chemistry, 2017, 56, 2777-2783.	4.0	19
104	AC susceptibility study of the bilayered cyano-bridged CuW and CuMo ferromagnets. Solid State Sciences, 2005, 7, 1113-1124.	3.2	18
105	Magnetocaloric effect in molecular magnet. Journal of Magnetism and Magnetic Materials, 2014, 354, 359-362.	2.3	18
106	Alternative Synthetic Route to Potassium Octacyanidoniobate(IV) and Its Molybdenum Congener. European Journal of Inorganic Chemistry, 2016, 2016, 4872-4877.	2.0	18
107	XPS evidence for the photoproduction of tungsten(VI) cyano complexes in charge-transfer photochemistry of W(CN)83â^’ ion in non-aqueous solvents. Inorganica Chimica Acta, 1991, 187, 5-8.	2.4	17
108	REACTIVITY AND PHOTOREACTIVITY OF CYANOCOMPLEXES OF THE TRANSITION METALS. Progress in Reaction Kinetics and Mechanism, 1999, 24, 165-221.	2.1	17

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109	Microwave-Assisted Construction of Ferromagnetic Coordination Polymers of [W^V(CN)₈]³⁻ with Cu^{II}-pyrazole Synthons. Inorganic Chemistry, 2011, 50, 8808-8816.	4.0	17
110	Ferromagnetic ordering in new layered copper octacyanometallates. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1058-1059.	2.3	16
111	Magneto-Structural Correlations in Discrete MnII-WV Cyano-Bridged Assemblies with Polyimine Ligands. European Journal of Inorganic Chemistry, 2010, 2010, 4166-4174.	2.0	16
112	Geometrical isomerism in pentadecanuclear high-spin Ni9W6 clusters with symmetrical bidentate ligands detected. CrystEngComm, 2012, 14, 6559.	2.6	16
113	Cesium Cyano-Bridged Co^{II}â€“M^V (M = Mo and W) Layered Frameworks Exhibiting High Thermal Durability and Metamagnetism. Crystal Growth and Design, 2014, 14, 6093-6100.	3.0	16
114	Two Cyanide-Bridged Mn^{II}â€“Nb^{IV} Coordination Chain Ferrimagnets Promoted by Interchain Ferromagnetic Interactions. Inorganic Chemistry, 2016, 55, 5281-5286.	4.0	16
115	The Rule Rather than the Exception: Structural Flexibility of [Ni(cyclam)]²⁺-Based Cyano-Bridged Magnetic Networks. Crystal Growth and Design, 2016, 16, 4736-4743.	3.0	16
116	Octacyanidotungstate(IV) Coordination Chains Demonstrate a Lightâ€Induced Excited Spin State Trapping Behavior and Magnetic Exchange Photoswitching. Angewandte Chemie, 2017, 129, 13468-13472.	2.0	16
117	Quantum yields of [W(CN)8]4? formation in charge-transfer photochemistry of octacyanotungstate (V). Transition Metal Chemistry, 1982, 7, 131-134.	1.4	15
118	Magnetocaloric effect of high-spin cluster with Ni9W6 core. Journal of Magnetism and Magnetic Materials, 2016, 414, 25-31.	2.3	15
119	The solvent effect on the structural and magnetic features of bidentate ligand-capped {Co^{II}₉[W^V(CN)₈]₆} single-molecule magnets. CrystEngComm, 2016, 18, 1495-1504.	2.6	15
120	Double Magnetic Relaxation and Magnetocaloric Effect in the {Mn₉[W(CN)₈]₆(4,4â€²-dpds)₄} Cluster-Based Network. Inorganic Chemistry, 2017, 56, 7089-7098.	4.0	15
121	Connecting Visible Photoluminescence and Slow Magnetic Relaxation in Dysprosium(III) Octacyanidorhenate(V) Helices. Inorganic Chemistry, 2018, 57, 14039-14043.	4.0	15
122	SHG-active NIR-emissive molecular nanomagnets generated in layered neodymium(<scp>iii</scp>)â€“octacyanidometallate(<scp>iv</scp>) frameworks. Journal of Materials Chemistry C, 2021, 9, 10705-10717.	5.5	15
123	Magnetic anisotropy of Co^{II}â€“W^Vferromagnet: single crystal and ab initio study. CrystEngComm, 2013, 15, 2378-2385.	2.6	14
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