Anna Majcher

List of Publications by Citations

33 papers	522 citations	12 h-index	22 g-index
35 ext. papers	617 ext. citations	5.1 avg, IF	3.55 L-index

#	Paper	IF	Citations
33	Multifunctional Magnetic Molecular {[MnII(urea)2(H2O)]2[NbIV(CN)8]}n System: Magnetization-Induced SHG in the Chiral Polymorph. *Chemistry of Materials*, **2011**, 23, 21-31	9.6	76
32	Tuning of Charge Transfer Assisted Phase Transition and Slow Magnetic Relaxation Functionalities in {Fe(9-x)Co(x)[W(CN)8]6} (x = 0-9) Molecular Solid Solution. *Journal of the American Chemical Society*, **2016**, 138, 1635-46	16.4	61
31	Co-NC-W and Fe-NC-W electron-transfer channels for thermal bistability in trimetallic {Fe6Co3[W(CN)8]6} cyanido-bridged cluster. *Angewandte Chemie - International Edition*, **2013**, 52, 896-900	16.4	56
30	Nature of magnetic interactions in 3D {[M(II)(pyrazole)4]2[Nb(IV)(CN)8].4H2O}n (M = Mn, Fe, Co, Ni) molecular magnets. *Inorganic Chemistry*, **2010**, 49, 7565-76	5.1	48
29	A single chain magnet involving hexacyanoosmate. *Chemical Communications*, **2014**, 50, 7150-3	5.8	43
28	Photo-induced magnetic properties of the [CuII(bapa)]2[MoIV(CN)8]·7H2O molecular ribbon. *Journal of Materials Chemistry C*, **2015**, 3, 8712-8719	7.1	28
27	Developing a magnetic metal organic framework of copper bearing a mixed azido/butane-1,4-dicarboxylate bridge: magnetic and gas adsorption properties. *Dalton Transactions*, **2018**, 47, 13849-13860	4.3	19
26	Co–NC–W and Fe–NC–W Electron-Transfer Channels for Thermal Bistability in Trimetallic {Fe6Co3[W(CN)8]6} Cyanido-Bridged Cluster. *Angewandte Chemie*, **2013**, 125, 930-934	3.6	17
25	A water sensitive ferromagnetic [Ni(cyclam)]2[Nb(CN)8] network. *Dalton Transactions*, **2013**, 42, 2616-21	4.3	17
24	Irradiation Temperature Dependence of the Photomagnetic Mechanisms in a Cyanido-Bridged CuMo Trinuclear Molecule. *Inorganic Chemistry*, **2018**, 57, 8137-8145	5.1	16
23	Tuning of High Spin Ground State and Slow Magnetic Relaxation within Trimetallic Cyanide-Bridged {Ni Co [W (CN)] } and {Mn Co [W (CN)] } Clusters. *Chemistry - A European Journal*, **2018**, 24, 15533-15542	4.8	13
22	Construction of CN–bridged molecular squares employing penta-, hexa- and octa-coordinated metal ions. *Polyhedron*, **2013**, 52, 442-447	2.7	13
21	Magnetic anisotropy of CoII–WV ferromagnet: single crystal and ab initio study. *CrystEngComm*, **2013**, 15, 2378-2385	3.3	12
20	Connecting Visible Photoluminescence and Slow Magnetic Relaxation in Dysprosium(III) Octacyanidorhenate(V) Helices. *Inorganic Chemistry*, **2018**, 57, 14039-14043	5.1	11
19	New acetylacetone-polymer modified nanoparticles as magnetically separable complexing agents. *RSC Advances*, **2015**, 5, 100281-100289	3.7	10
18	Structural, magnetic, dielectric and mechanical properties of (Ba,Sr)MnO3 ceramics. *Journal of the European Ceramic Society*, **2017**, 37, 1477-1486	6	8
17	Chiral LnIII(tetramethylurea)4–WV(CN)8] Coordination Chains Showing Slow Magnetic Relaxation. *Crystal Growth and Design*, **2018**, 18, 1848-1856	3.5	8

List of Publications

16	Magnetic, transport, and structural properties of SrRuO3 thin films. *Journal of Applied Physics*, **2014**, 115, 17C735	2.5	7
15	Impact of the synthetic approach on the magnetic properties and homogeneity of mixed crystals of tunable layered ferromagnetic coordination polymers. *Dalton Transactions*, **2020**, 49, 16707-16714	4.3	7
14	Magnetic nanoparticles with chelating shells prepared by RAFT/MADIX polymerization. *New Journal of Chemistry*, **2016**, 40, 9223-9231	3.6	7
13	Constructing two 1D coordination polymers and one mononuclear complex by pyrazine- and pyridinedicarboxylic acids under mild and sonochemical conditions: magnetic and CSD studies. *CrystEngComm*, **2018**, 20, 3711-3721	3.3	7
12	Between single ion magnets and macromolecules: a polymer/transition metal-based semi-solid solution. *Chemical Science*, **2018**, 9, 7277-7286	9.4	6
11	Micromanipulation of organic nanofibers for blue light emitting microstructures. *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 1459-1463	1.6	6
10	Chiral (LH)2L2Cu3 trinuclear paramagnetic nodes in octacyanidometalate-bridged helical chains. *Inorganic Chemistry*, **2014**, 53, 3874-9	5.1	5
9	Neutral Low-Dimensional Assemblies of a Mn(III) Schiff Base Complex and Octacyanotungstate(V): Synthesis, Characterization, and Magnetic Properties. *Magnetochemistry*, **2017**, 3, 16	3.1	5
8	Incorporation of guanidinium ions in Cu(II)-[M(V)(CN)8]3- double-layered magnetic systems. *Dalton Transactions*, **2013**, 42, 5042-6	4.3	4
7	Influence of magnetic dilution on relaxation processes in a solid solution comprising tetrahedral Co/Zn complexes. *Dalton Transactions*, **2020**, 49, 6807-6815	4.3	3
6	Magnetic Particles with Polymeric Shells Bearing Cholesterol Moieties Sensitize Breast Cancer Cells to Low Doses of Doxorubicin. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
5	Carbamohydrazonothioate-based polymer-magnetic nanohybrids: Fabrication, characterization and bactericidal properties. *Arabian Journal of Chemistry*, **2019**, 12, 5187-5199	5.9	2
4	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. *Applied Materials Today*, **2020**, 21, 100880	6.6	1
3	Linking magnetic MII[MV(CN)8] chains into 2D inorganic–organic hybrid materials. *CrystEngComm*, **2015**, 17, 4533-4539	3.3	0
2	Octacyanoniobate(IV)-based molecular magnets revealing 3D long-range order. *Journal of Physics: Conference Series*, **2011**, 303, 012037	0.3	0
1	Towards rationalizing photoswitchable behavior of Cu2IIMoIV cyanido-bridged molecule. *Journal of Magnetism and Magnetic Materials*, **2021**, 168697	2.8	0