

Olaf Stefanczyk

List of Publications by Year in descending order

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47
papers

763
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623699

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all docs

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docs citations

49
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of ligands upon topology and functionality of octacyanidometallate-based assemblies. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1946-1971.	18.8	164
2	Octacyanidotungstate(IV) Coordination Chains Demonstrate a Light-Induced Excited Spin State Trapping Behavior and Magnetic Exchange Photoswitching. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13283-13287.	13.8	54
3	Effect of Noble Metals on Luminescence and Single-Molecule Magnet Behavior in the Cyanido-Bridged Ln ^{II} -Ag and Ln ^{II} -Au (Ln = Dy, Yb, Er) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 5677-5687.	4.0	42
4	Photo-induced magnetic properties of the [Cu ^{II} (bapa)] ₂ [Mo ^{IV} (CN) ₈]·7H ₂ O molecular ribbon. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8712-8719.	5.5	31
5	Photoinduced Mo ^{VI} -CN Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3117-3121.	13.8	30
6	Solvatomorphism-Induced 45 K Hysteresis Width in a Spin-Crossover Mononuclear Compound. <i>Chemistry - A European Journal</i> , 2018, 24, 14760-14767.	3.3	29
7	Neodymium ^{II} -diketonate showing slow magnetic relaxation and acting as a ratiometric thermometer based on near-infrared emission. <i>RSC Advances</i> , 2019, 9, 23444-23449.	3.6	29
8	Modification of AFLC Physical Properties by Doping with BaTiO ₃ Particles. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6055-6073.	2.6	27
9	Irradiation Temperature Dependence of the Photomagnetic Mechanisms in a Cyanido-Bridged Cu ^{II} ₂ Mo ^{IV} Trinuclear Molecule. <i>Inorganic Chemistry</i> , 2018, 57, 8137-8145.	4.0	21
10	Humidity—A Powerful Tool to Customize the Physical Properties of Molecular Magnets. <i>Chemistry - A European Journal</i> , 2019, 25, 15963-15977.	3.3	20
11	W-Knotted Chain {[Cull(dien)] ₄ [WV(CN) ₈] ₅ } ⁵⁺ : Synthesis, Crystal Structure, Magnetism, and Theory. <i>Inorganic Chemistry</i> , 2011, 50, 3213-3222.	4.0	19
12	Design and Study of Structural Linear and Nonlinear Optical Properties of Chiral [Fe(phen) ₃] ₂ ⁺ Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 14501-14512.	4.0	19
13	Microwave-Assisted Construction of Ferromagnetic Coordination Polymers of [W ^V (CN) ₈] ₃ with Cu ^{II} -pyrazole Synthons. <i>Inorganic Chemistry</i> , 2011, 50, 8808-8816.	4.0	17
14	Detection of Sub-Terahertz Raman Response and Nonlinear Optical Effects for Luminescent Yb(III) Complexes. <i>Advanced Optical Materials</i> , 2022, 10, 2101721.	7.3	17
15	Octacyanidotungstate(IV) Coordination Chains Demonstrate a Light-Induced Excited Spin State Trapping Behavior and Magnetic Exchange Photoswitching. <i>Angewandte Chemie</i> , 2017, 129, 13468-13472.	2.0	16
16	Studies of Er(III)-W(V) compounds showing nonlinear optical activity and single-molecule magnetic properties. <i>CrystEngComm</i> , 2019, 21, 5882-5889.	2.6	15
17	Humidity-Induced Switching between Two Magnetic and Structural Phases in a Co II [WV(CN) ₈] Molecular Magnet. <i>Chemistry - A European Journal</i> , 2019, 25, 11066-11073.	3.3	15
18	An Invitation to Molecular Magnetism. <i>Science Progress</i> , 2011, 94, 139-183.	1.9	14

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19	Reversible photoswitchable ferromagnetic thin film based on a cyanido-bridged RbCuMo complex. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3081-3087.	5.5	14
20	Nonlinear optical properties and application of a chiral and photostimulable iron(II) compound. <i>Applied Physics Letters</i> , 2017, 110, 161908.	3.3	13
21	Chiral Photomagnets Based on Copper(II) complexes of 1,2-Diaminocyclohexane and Octacyanomolybdate(IV) Ions. <i>Inorganic Chemistry</i> , 2020, 59, 5872-5882.	4.0	13
22	Chiral Ln ^{III} (tetramethylurea) ⁴ [W ^V (CN) ₈] Coordination Chains Showing Slow Magnetic Relaxation. <i>Crystal Growth and Design</i> , 2018, 18, 1848-1856.	3.0	12
23	Switching on thermal and light-induced spin crossover by desolvation of [Fe(3-bpp) ₂](XO ₄) ₂ · <i>n</i> -solvent (X = Cl, Re) compounds. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3210-3221.	6.0	12
24	Between single ion magnets and macromolecules: a polymer/transition metal-based semi-solid solution. <i>Chemical Science</i> , 2018, 9, 7277-7286.	7.4	11
25	Experimental and theoretical insights into the photomagnetic effects in trinuclear and ionic Cu ^{II} Mo ^{IV} systems. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 771-783.	6.0	10
26	Synthesis of Two-Dimensional Photomagnetic K ₄ {[Cu ^{II} (ida)] ₂ [M ^{IV} (CN) ₈]}·4H ₂ O·4.0 (M ^{IV} = Mo, W) Materials. <i>Inorganic Chemistry</i> , 2020, 59, 4292-4299.	4.0	9
27	Magnetic Properties and Second Harmonic Generation of Noncentrosymmetric Cyanido-Bridged Ln(III)W(V) Assemblies. <i>Inorganic Chemistry</i> , 2021, 60, 12009-12019.	4.0	9
28	Influence of magnetic dilution on relaxation processes in a solid solution comprising tetrahedral Co/Zn ^{II} complexes. <i>Dalton Transactions</i> , 2020, 49, 6807-6815.	3.3	8
29	Photoswitchable high-dimensional Coll ⁴ [WV(CN) ₈] networks: Past, present, and future. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	8
30	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN) ₂] ⁺] _n Moieties Generated in <i>d</i> -f Heterometallic Assemblies. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202201265.	13.8	7
31	Chiral (LH) ₂ L ₂ Cu ₃ Trinuclear Paramagnetic Nodes in Octacyanomolybdate-Bridged Helical Chains. <i>Inorganic Chemistry</i> , 2014, 53, 3874-3879.	4.0	6
32	Light-Induced Spin-State Switching of the Mo ^{IV} Centre in Trinuclear [Cu ^{II} (diamine) ₂] ₂ [Mo ^{IV} (CN) ₈] Molecules. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2019-2025.	2.0	6
33	X-ray Absorption Spectroscopy Study of Novel Inorganic-organic Hybrid Ferromagnetic Cu ^{II} pyz ⁴ [M(CN) ₈] ³⁺ Assemblies. <i>Inorganic Chemistry</i> , 2012, 51, 11722-11729.	4.0	5
34	Photoinduced Mo~CN Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. <i>Angewandte Chemie</i> , 2020, 132, 3141-3145.	2.0	5
35	Modifications of FLC Physical Properties through Doping with Fe ₂ O ₃ Nanoparticles (Part I). <i>Materials</i> , 2021, 14, 4722.	2.9	5
36	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN) ₂] ⁺] _n Moieties Generated in <i>d</i> -f Heterometallic Assemblies. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5

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37	Development of Nd (III)-Based Terahertz Absorbers Revealing Temperature Dependent Near-Infrared Luminescence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6051.	4.1	5
38	Incorporation of guanidinium ions in $\text{Cu}^{\text{II}}\text{-[MV(CN)}_8\text{]}_3$ double-layered magnetic systems. <i>Dalton Transactions</i> , 2013, 42, 5042.	3.3	4
39	Nanocomposites Based on Antiferroelectric Liquid Crystal (S)-MHPOBC Doping with Au Nanoparticles. <i>Molecules</i> , 2022, 27, 3663.	3.8	4
40	Self-assembled three-dimensional molecule-based magnet composed of a trinuclear manganese unit and octacyanidotungstate. <i>Inorganica Chimica Acta</i> , 2019, 488, 120-124.	2.4	3
41	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. <i>Applied Materials Today</i> , 2020, 21, 100880.	4.3	3
42	Integration of Trinuclear Triangle Copper(II) Secondary Building Units in Octacyanidometallates(IV)-Based Frameworks. <i>Inorganic Chemistry</i> , 2022, 61, 8930-8939.	4.0	3
43	Contemporary Discoveries in the Copper Octacyanidometallate Photomagnetic Assemblies. <i>Springer Series in Chemical Physics</i> , 2021, , 149-168.	0.2	2
44	Linking magnetic $\text{M}^{\text{II}}\text{-[M}^{\text{V}}\text{(CN)}_8\text{]}$ chains into 2D inorganic-organic hybrid materials. <i>CrystEngComm</i> , 2015, 17, 4533-4539.	2.6	1
45	$\text{M}^{\text{II}}\text{-[M}^{\text{V}}\text{(CN)}_8\text{]}$ chains into 2D inorganic-organic hybrid materials. <i>CrystEngComm</i> , 2015, 17, 4533-4539.	2.3	1
46	Frontispiece: Humidity – A Powerful Tool to Customize the Physical Properties of Molecular Magnets. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
47	Modifications of EHPDB Physical Properties through Doping with Fe_2O_3 Nanoparticles (Part II). <i>International Journal of Molecular Sciences</i> , 2022, 23, 50.	4.1	0