Olaf Stefanczyk

List of Publications by Year in descending order

47 papers	763 citations	706676 14 h-index	651938 25 g-index
49 all docs	49 docs citations	49 times ranked	684 citing authors

#	Article	IF	Citations
1	rationalizing photoswitchable behavior of Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e434" altimg="si7.svg"><mml:msubsup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi mathvariant="normal">II</mml:mi></mml:mrow></mml:msubsup></mml:math>Mo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e445" altimg="si8.svg"><mml:mrow	1.0	1
2	Detection of Subâ€Terahertz Raman Response and Nonlinear Optical Effects for Luminescent Yb(III) Complexes. Advanced Optical Materials, 2022, 10, 2101721.	3.6	17
3	Experimental and theoretical insights into the photomagnetic effects in trinuclear and ionic Cu(<scp>ii</scp>)â€“Mo(<scp>iv</scp>) systems. Inorganic Chemistry Frontiers, 2022, 9, 771-783.	3.0	10
4	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â^'}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie, 2022, 134, .	1.6	5
5	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â^'}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie - International Edition, 2022, 61, e202201265.	7.2	7
6	Modifications of EHPDB Physical Properties through Doping with Fe2O3 Nanoparticles (Part II). International Journal of Molecular Sciences, 2022, 23, 50.	1.8	0
7	Development of Nd (III)-Based Terahertz Absorbers Revealing Temperature Dependent Near-Infrared Luminescence. International Journal of Molecular Sciences, 2022, 23, 6051.	1.8	5
8	Integration of Trinuclear Triangle Copper(II) Secondary Building Units in Octacyanidometallates(IV)-Based Frameworks. Inorganic Chemistry, 2022, 61, 8930-8939.	1.9	3
9	Nanocomposites Based on Antiferroelectric Liquid Crystal (S)-MHPOBC Doping with Au Nanoparticles. Molecules, 2022, 27, 3663.	1.7	4
10	Switching on thermal and light-induced spin crossover by desolvation of [Fe(3-bpp)₂](XO₄)₂·solvent (X = Cl, Re) compounds. Inorganic Chemistry Frontiers, 2021, 8, 3210-3221.	3.0	12
11	Photoswitchable high-dimensional CoIIâ€“[WV(CN)8] networks: Past, present, and future. Journal of Applied Physics, 2021, 129, .	1.1	8
12	Magnetic Properties and Second Harmonic Generation of Noncentrosymmetric Cyanido-Bridged Ln(III)â€“W(V) Assemblies. Inorganic Chemistry, 2021, 60, 12009-12019.	1.9	9
13	Modifications of FLC Physical Properties through Doping with Fe2O3 Nanoparticles (Part I). Materials, 2021, 14, 4722.	1.3	5
14	Reversible photoswitchable ferromagnetic thin film based on a cyanido-bridged RbCuMo complex. Journal of Materials Chemistry C, 2021, 9, 3081-3087.	2.7	14
15	Contemporary Discoveries in the Copper Octacyanidometallate Photomagnetic Assemblies. Springer Series in Chemical Physics, 2021, , 149-168.	0.2	2
16	Photoinduced Moâ^'CN Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. Angewandte Chemie, 2020, 132, 3141-3145.	1.6	5
17	Photoinduced Moâ^'CN Bond Breakage in Octacyanomolybdate Leading to Spin Triplet Trapping. Angewandte Chemie - International Edition, 2020, 59, 3117-3121.	7.2	30
18	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. Applied Materials Today, 2020, 21, 100880.	2.3	3

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19	Synthesis of Two-Dimensional Photomagnetic K₄{[Cu^{II}(ida)]₂[M^{IV}(CN)₈]}Â·4H₂O (M^{IV} = Mo, W) Materials. Inorganic Chemistry, 2020, 59, 4292-4299.	1.9	9
20	Modification of AFLC Physical Properties by Doping with BaTiO₃ Particles. Journal of Physical Chemistry B, 2020, 124, 6055-6073.	1.2	27
21	Chiral Photomagnets Based on Copper(II) complexes of 1,2-Diaminocyclohexane and Octacyanidomolybdate(IV) Ions. Inorganic Chemistry, 2020, 59, 5872-5882.	1.9	13
22	Influence of magnetic dilution on relaxation processes in a solid solution comprising tetrahedral Co/Zn^{II} complexes. Dalton Transactions, 2020, 49, 6807-6815.	1.6	8
23	Neodymium Î²-diketonate showing slow magnetic relaxation and acting as a ratiometric thermometer based on near-infrared emission. RSC Advances, 2019, 9, 23444-23449.	1.7	29
24	Studies of Er(<scp>iii</scp>)â€“W(<scp>v</scp>) compounds showing nonlinear optical activity and single-molecule magnetic properties. CrystEngComm, 2019, 21, 5882-5889.	1.3	15
25	Humidityâ€”A Powerful Tool to Customize the Physical Properties of Molecular Magnets. Chemistry - A European Journal, 2019, 25, 15963-15977.	1.7	20
26	Humidityâ€Induced Switching between Two Magnetic and Structural Phases in a Co II â€[W V (CN) 8] Molecular Magnet. Chemistry - A European Journal, 2019, 25, 11066-11073.	1.7	15
27	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.	1.9	42
28	Frontispiece: Humidityâ€”A Powerful Tool to Customize the Physical Properties of Molecular Magnets. Chemistry - A European Journal, 2019, 25, .	1.7	0
29	Self-assembled three-dimensional molecule-based magnet composed of a trinuclear manganese unit and octacyanidotungstate. Inorganica Chimica Acta, 2019, 488, 120-124.	1.2	3
30	Lightâ€Induced Spinâ€State Switching of the Mo^{IV} Centre in Trinuclear [Cu^{II}(diamine)₂]₂[Mo^{IV}(CN)₈] Molecules. European Journal of Inorganic Chemistry, 2018, 2018, 2019-2025.	1.0	6
31	Chiral Ln^{III}(tetramethylurea)â€“[W^V(CN)₈] Coordination Chains Showing Slow Magnetic Relaxation. Crystal Growth and Design, 2018, 18, 1848-1856.	1.4	12
32	Irradiation Temperature Dependence of the Photomagnetic Mechanisms in a Cyanido-Bridged Cu^{II}₂Mo^{IV} Trinuclear Molecule. Inorganic Chemistry, 2018, 57, 8137-8145.	1.9	21
33	Between single ion magnets and macromolecules: a polymer/transition metal-based semi-solid solution. Chemical Science, 2018, 9, 7277-7286.	3.7	11
34	Solvatomorphismâ€Induced 45 K Hysteresis Width in a Spinâ€Crossover Mononuclear Compound. Chemistry - A European Journal, 2018, 24, 14760-14767.	1.7	29
35	Design and Study of Structural Linear and Nonlinear Optical Properties of Chiral [Fe(phen)3]2+ Complexes. Inorganic Chemistry, 2018, 57, 14501-14512.	1.9	19
36	Nonlinear optical properties and application of a chiral and photostimulable iron(II) compound. Applied Physics Letters, 2017, 110, 161908.	1.5	13

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37	Octacyanidotungstate(IV) Coordination Chains Demonstrate a Lightâ€Induced Excited Spin State Trapping Behavior and Magnetic Exchange Photoswitching. Angewandte Chemie, 2017, 129, 13468-13472.	1.6	16
38	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.	7.2	54
39	Linking magnetic M^{II}â€“[M^V(CN)₈] chains into 2D inorganicâ€“organic hybrid materials. CrystEngComm, 2015, 17, 4533-4539.	1.3	1
40	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.	2.7	31
41	Chiral (LH)₂L₂Cu₃ Trinuclear Paramagnetic Nodes in Octacyanidometalate-Bridged Helical Chains. Inorganic Chemistry, 2014, 53, 3874-3879.	1.9	6
42	Incorporation of guanidinium ions in CuII-[MV(CN)8]3â^' double-layered magnetic systems. Dalton Transactions, 2013, 42, 5042.	1.6	4
43	X-ray Absorption Spectroscopy Study of Novel Inorganicâ€“organic Hybrid Ferromagnetic Cuâ€“pyzâ€“[M(CN)₈]^{3â€“} Assemblies. Inorganic Chemistry, 2012, 51, 11722-11729.	1.9	5
44	The impact of ligands upon topology and functionality of octacyanidometallate-based assemblies. Coordination Chemistry Reviews, 2012, 256, 1946-1971.	9.5	164
45	W-Knotted Chain {[CuII(dien)]4[WV(CN)8]}5+â^ž: Synthesis, Crystal Structure, Magnetism, and Theory. Inorganic Chemistry, 2011, 50, 3213-3222.	1.9	19
46	Microwave-Assisted Construction of Ferromagnetic Coordination Polymers of [W^V(CN)₈]³⁻ with Cu^{II}-pyrazole Synthons. Inorganic Chemistry, 2011, 50, 8808-8816.	1.9	17
47	An Invitation to Molecular Magnetism. Science Progress, 2011, 94, 139-183.	1.0	14