Milosz Siczek

List of Publications by Year
in descending order

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88	1,467	304743	395702
papers	citations	22 h-index	33 g-index

89	89	89	1590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular structure and catalytic activity of Fe(III) coordination compound with ONO-donor hydrazone ligand in the oxidation of cyclooctene by H2O2. Journal of Molecular Structure, 2022, 1250, 131774.	3.6	21
2	Multiâ€Length Scale Structure of 2D/3D Dionâ€“Jacobson Hybrid Perovskites Based on an Aromatic Diammonium Spacer. Small, 2022, 18, e2104287.	10.0	10
3	The two faces of platinum hydrospirophosphorane complexesâ€"Not only relevant catalysts but cytotoxic compounds as well. Applied Organometallic Chemistry, 2022, 36, .	3.5	1
4	The first characterization of cubic Nd³⁺-doped mixed La₂MoWO₉ in micro-crystalline powders and translucent micro-ceramics. Journal of Materials Chemistry C, 2022, 10, 10083-10098.	5.5	2
5	Etazene (N,N-diethyl-2-{[(4-ethoxyphenyl)methyl]-1H-benzimidazol-1-yl}-ethan-1-amine (dihydrochloride)): a novel benzimidazole opioid NPS identified in seized material: crystal structure and spectroscopic characterization. Forensic Toxicology, 2021, 39, 146-155.	2.4	17
6	Lossen Rearrangement of p-Toluenesulfonates of N-Oxyimides in Basic Condition, Theoretical Study, and Molecular Docking. Frontiers in Chemistry, 2021, 9, 662533.	3.6	16
7	Reductive Dimerization of Macrocycles Activated by BBr₃. Organic Letters, 2021, 23, 3652-3656.	4.6	5
8	Immobilization of Rh(<scp>i</scp>) precursor in a porphyrin metalâ€“organic framework â€“ turning on the catalytic activity. Dalton Transactions, 2021, 50, 9051-9058.	3.3	7
9	Unravelling the Behavior of Dionâ€“Jacobson Layered Hybrid Perovskites in Humid Environments. ACS Energy Letters, 2021, 6, 337-344.	17.4	44
10	One-pot synthesis, crystal structure and theoretical calculations of a dinuclear Mn(III) complex with in-situ generated O,N,O- and O,N-donor dichelating hydrazone ligand. Journal of Molecular Structure, 2020, 1199, 127023.	3.6	7
11	The first amino acid bound manganeseâ€“calcium clusters: a {[MnIII3Ca]₂} methylalanine complex, and a [MnIII6Ca] trigonal prism. Dalton Transactions, 2020, 49, 10339-10343.	3.3	4
12	Spatiotemporal Studies of the Oneâ€Dimensional Coordination Polymer [Fe(ebtz)₂(C₂H₅CN)₂](BF₄)₂: Tug of War between the Nitrile Reorientation Versus Crystal Lattice as a Tool for Tuning the Spin Crossover Properties**. Chemistry - A European Journal, 2020, 26, 14419-14434.	3.3	6
13	Efficient Reduction of Dioxygen with Ferrocene Catalyzed by Thiocarbohydrazone Tetranuclear Cobalt(III) Coordination Compound. Applied Organometallic Chemistry, 2020, 34, e5833.	3.5	10
14	Investigation of the effect of sodium azide on the coordination mode of flexible ONO-donor hydrazone ligand in preparing manganese coordination compounds. Polyhedron, 2020, 190, 114751.	2.2	18
15	Coordination chemistry of Hâ€spirophosphorane ligands towards pentacarbonylchlororhenium(I) â€“ synthesis, structure and catalytic activity of complexes. Applied Organometallic Chemistry, 2020, 34, e5756.	3.5	6
16	A synthetic manganeseâ€“calcium cluster similar to the catalyst of Photosystem II: challenges for biomimetic water oxidation. Dalton Transactions, 2020, 49, 5597-5605.	3.3	13
17	Application of the Intramolecular Dielsâ€“Alder VinylarenÐµ (IMDAV) Approach for the Synthesis of Thieno[2,3-f]isoindoles. Synthesis, 2020, 52, 2196-2223.	2.3	9
18	Synthesis, Structural, and Cytotoxic Properties of New Water-Soluble Copper(II) Complexes Based on 2,9-Dimethyl-1,10-Phenanthroline and Their One Derivative Containing 1,3,5-Triaza-7-Phosphaadamantane-7-Oxide. Molecules, 2020, 25, 741.	3.8	12

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19	A Ferromagnetically Coupled, Bell-Shaped [Ni₄Gd₅] Cage. Inorganic Chemistry, 2019, 58, 11404-11409.	4.0	8
20	Symmetry breaking structural phase transitions, dielectric properties and molecular motions of formamidinium cations in 1D and 2D hybrid compounds: (NH₂CHNH₂)₃[Bi₂Cl₉] and (NH₂CHNH₂)₃[Bi₂Br₉]. Dalton Transactions, 2019, 48, 14829-14838.	3.3	28
21	Dinuclear and Mononuclear Rhenium Coordination Compounds upon Employment of a Schiff-Base Triol Ligand: Structural, Magnetic, and Computational Studies. Inorganic Chemistry, 2019, 58, 8596-8606.	4.0	5
22	A decanuclear [DyIII6ZnII4] cluster: a {ZnII4} rectangle surrounding an octahedral {DyIII6} single molecule magnet. Dalton Transactions, 2019, 48, 3566-3570.	3.3	10
23	Crystal Structures and Spectroscopic Characterization of Four Synthetic Cathinones: 1-(4-Chlorophenyl)-2-(Dimethylamino)Propan-1-One (N-Methyl-Clephedrone, 4-CDC), 1-(1,3-Benzodioxol-5-yl)-2-(Tert-Butylamino)Propan-1-One (tBuONE, Tertylone, MDPT), 1-(4-Fluorophenyl)-2-(Pyrrolidin-1-yl)Hexan-1-One (4F-PHP) and 2-(Ethylamino)-1-(3-Methylphenyl)Propan-1-One (3-Methylethylcathinone, 3-MEC). Crystals, 2019, 9, 555.	2.2	4
24	Structure and magnetic behavior of unpredictable EE-azide bridged tetranuclear Mn(II) complex with ONO-donor hydrazone ligand and its transformation to dinuclear Mn(III) complex. Polyhedron, 2018, 147, 142-151.	2.2	37
25	Constructing Cr^{III}-centered heterometallic complexes: [NiII6Cr^{III}] and [CoII6Cr^{III}] wheels. Dalton Transactions, 2018, 47, 58-61.	3.3	16
26	Luminescent properties and structure of new CAPh-based lanthanide complexes [LnL3Q], containing additional bis-heterocyclic aromatic ligand-antenna 2-(1,3,4-oxadiazole-2-yl) pyridine. Optical Materials, 2018, 75, 459-464.	3.6	9
27	A [Cr₂Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. Chemical Communications, 2018, 54, 6153-6156.	4.1	4
28	Heterometallic lanthanide-centred [NiII6Ln^{III}] rings. Dalton Transactions, 2018, 47, 12863-12867.	3.3	11
29	New water-soluble palladium(II) iodide complexes derived from N-protonated or N-alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, crystal structure and catalytic properties in aqua media. Inorganica Chimica Acta, 2017, 455, 701-706.	2.4	4
30	Tetradecanuclearity in 3dâ€“4f chemistry: relaxation and magnetocaloric effects in [NiII6LnIII8] species. Dalton Transactions, 2017, 46, 3449-3452.	3.3	17
31	A [Ce₂₁] keplerate. Dalton Transactions, 2017, 46, 7677-7680.	3.3	7
32	Electronic Effects of Aromatic Rings on the Catalytic Activity of Dioxidomolybdenum(VI)â€“Hydrazone Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 999-1006.	2.0	51
33	New members of the [Mn₆/oxime] family and analogues with converging [Mn₃] planes. Journal of Coordination Chemistry, 2016, 69, 826-840.	2.2	8
34	Two unique star-like [MnIVMnIII2LnIII] clusters: magnetic relaxation phenomena. RSC Advances, 2016, 6, 45326-45329.	3.6	2
35	Building 1D lanthanide chains and non-symmetrical [Ln₂] â€œtriple-deckerâ€•clusters using salen-type ligands: magnetic cooling and relaxation phenomena. Dalton Transactions, 2016, 45, 18591-18602.	3.3	14
36	Magnetic and spectroscopic properties of a 2D Mn(II) coordination polymer with carbohydrazone ligand. Inorganic Chemistry Communication, 2016, 70, 219-222.	3.9	32

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37	Oxidative coupling of 2-naphthol catalyzed by a new methoxido bridged dinuclear oxidovanadium(V) complex. Polyhedron, 2016, 111, 167-172.	2.2	36
38	A triacontanuclear [Zn₁₂Dy₁₈] cluster: a ring of [Dy₄] cubes. Chemical Communications, 2016, 52, 343-345.	4.1	13
39	A family of [Mn^{III}₆Ln^{III}₂] rod-like clusters. Dalton Transactions, 2015, 44, 6082-6088.	3.3	14
40	Single crystal EPR spectroscopy, magnetic studies and catalytic activity of a self-assembled [2Ã—2] CuII4 cluster obtained from a carbohydrazone based ligand. Polyhedron, 2015, 88, 48-56.	2.2	31
41	Syntheses, structures and catalytic activities of dinuclear copper complexes with tetradentate diaminebis (phenolate) ligands. Transition Metal Chemistry, 2015, 40, 255-267.	1.4	8
42	Enneanuclear [Ni₆Ln₃] Cages: [Ln^{III}₃] Triangles Capping [Ni^{II}₆] Trigonal Prisms Including a [Ni₆Dy₃] Single-Molecule Magnet. Inorganic Chemistry, 2015, 54, 7089-7095.	4.0	22
43	A bulky oxime for the synthesis of Mn(III) clusters. Journal of Coordination Chemistry, 2015, 68, 3472-3484.	2.2	10
44	Synthesis, structure and magnetic properties of a tetranuclear Mn(II) complex with carbohydrazone based ligand. Inorganic Chemistry Communication, 2015, 62, 60-63.	3.9	32
45	On the origin of oxygen in Re6(Î¼3-O)12 core in cubo-octahedral hexanuclear rhenium clusters. Polyhedron, 2015, 97, 248-252.	2.2	3
46	Molecular oxygen reduction catalyzed by a highly oxidative resistant complex of cobaltâ€“hydrazone at the liquid/liquid interface. Physical Chemistry Chemical Physics, 2015, 17, 32161-32172.	2.8	40
47	Discrete Cuboidal 15- and 16-Membered Water Clusters in Brucine 3.86-Hydrate, Water Release and Its Consequences. Crystal Growth and Design, 2014, 14, 6537-6541.	3.0	4
48	Syntheses, crystal structures and magnetic studies of new 2D coordination polymers containing dinuclear manganese(II) repetitive units using a ditopic isonicotinhydrazone based N,N,O-donor ligand. Polyhedron, 2014, 67, 396-404.	2.2	28
49	Products of reactions between ReX3 (X=Cl, I) and N-heterocyclic compounds â€“ Structural and spectroscopic studies. Inorganica Chimica Acta, 2014, 418, 84-92.	2.4	6
50	Synthesis, crystal structure and magnetic properties of a trinuclear phenolate bridged manganese complex containing Mn(ii)â€“Mn(iii) ions. RSC Advances, 2014, 4, 36175.	3.6	7
51	A family of polynuclear cobalt complexes upon employment of an indeno-quinoxaline based oxime ligand. RSC Advances, 2014, 4, 23068-23077.	3.6	17
52	Structural Investigations of Lu₂O₃ as Single Crystal and Polycrystalline Transparent Ceramic. Crystal Growth and Design, 2014, 14, 3327-3334.	3.0	73
53	First Oxido-Bridged Cubo-Octahedral Hexanuclear Rhenium Clusters. Inorganic Chemistry, 2014, 53, 6578-6584.	4.0	9
54	Syntheses, structures and magnetic properties of azido- and phenoxo-bridged complexes of manganese containing tridentate aroylhydrazone based ligands. Polyhedron, 2013, 61, 45-55.	2.2	52

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55	Reversible guest vapour sorption in breathing crystals of a discrete ionic binuclear Cu(i) complex. CrystEngComm, 2013, 15, 9859.	2.6	5
56	On rhodium complexes bearing H-spirophosphorane derived ligands: Synthesis, structural and catalytic properties. Journal of Organometallic Chemistry, 2013, 743, 179-186.	1.8	8
57	[ReOCl3(PPh3)2] as a substrate for the synthesis of the rhenium(I) carbonyl complexes [Re(CO)2(OAc)(PPh3)2] and [ReCl(CO)3(PPh3)2]. Journal of Organometallic Chemistry, 2013, 733, 60-62.	1.8	3
58	Synthesis, structural analysis and evaluation of the catalytic activity of a non-symmetric N-(salicylidene)diethylenetriamine complex of copper(II). Chinese Journal of Catalysis, 2013, 34, 1456-1461.	14.0	7
59	Employment of 2-pyrrole aldoxime in iron cluster chemistry: Trinuclear and hexanuclear clusters. Polyhedron, 2013, 52, 1411-1415.	2.2	7
60	Synthesis, structure and magnetic characterization of the first azido bridged heterotetranuclear chromium-sodium complex. Inorganic Chemistry Communication, 2013, 35, 172-175.	3.9	33
61	An indeno-quinoxaline based oxime ligand for the synthesis of polynuclear Ni(ii) clusters. RSC Advances, 2013, 3, 13214.	3.6	7
62	A new manganese(III) complex anchored onto SBA-15 as efficient catalyst for selective oxidation of cycloalkanes and cyclohexene with hydrogen peroxide. Journal of Molecular Catalysis A, 2013, 377, 16-28.	4.8	48
63	(E)-4-{2-[(2-Hydroxynaphthalen-1-yl)methylidene]hydrazinecarbonyl}pyridinium nitrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o367-o368.	0.2	5
64	cis-Dichlorido[2,3-dimethyl-3-(4,4,5,5-tetramethyl-1,3,2Î»5-dioxaphospholan-2-yloxy)butan-2-olato-Îº2O,P]oxido(triphenylphosphane-ÎºP) Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m605-m606.	0.2	1
65	2,2â€²-[(1E,2E)-1,2-Bis(hydroxyimino)ethane-1,2-diyl]dipyridinium hexachloridorhenate(IV). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1174-m1175.	0.2	1
66	Heptanuclear Heterometallic [Cu₆Ln] Clusters: Trapping Lanthanides into Copper Cages with Artificial Amino Acids. Inorganic Chemistry, 2012, 51, 5911-5918.	4.0	46
67	Synthesis, Characterisation and Catalytic Application of Oxidorhenium Complexes Bearing Hâ€Spirophosphorane Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 3331-3341.	2.0	6
68	Crystallization-Induced Asymmetric Synthesis of Nonracemic Platinum(IV) Polysulfide Tris(chelate) Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 3675-3679.	2.0	5
69	2-Aminoisobutyric Acid in Co(II) and Co(II)/Ln(III) Chemistry: Homometallic and Heterometallic Clusters. Inorganic Chemistry, 2012, 51, 1170-1179.	4.0	66
70	Spectroscopy and Structure of Ln^{III} Complexes with Sulfonylamidophosphateâ€Type Ligands as Sensitizers of Visible and Nearâ€Infrared Luminescence. ChemPlusChem, 2012, 77, 482-496.	2.8	26
71	Synthesis, structural characterization and electrochemical studies of an ionic cobalt complex derived from a tridentate hydrazone Schiff base and azide ligands. Inorganic Chemistry Communication, 2012, 15, 151-155.	3.9	47
72	A new oxime ligand in manganese chemistry: a [Mn8] and a [Mn6] cage from the use of 2-dihydroxy-2-phenylacetamidine. Dalton Transactions, 2011, 40, 11371.	3.3	8

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73	Hexametallic manganese clusters with bulky derivatised salicylaldoximes. Dalton Transactions, 2011, 40, 1693.	3.3	19
74	Unique trigonal prism encapsulated Ln complexes: a [CoII6Eu] and a [CoII6Dy] cage. Dalton Transactions, 2011, 40, 4793.	3.3	44
75	Artificial Amino Acids in Nickel(II) and Nickel(II)/Lanthanide(III) Chemistry. Inorganic Chemistry, 2011, 50, 5175-5185.	4.0	29
76	The first heterometallic Mnâ€“Ca cluster containing exclusively Mn(III) centers. Inorganic Chemistry Communication, 2011, 14, 213-216.	3.9	35
77	Palladium complexes with hydrophosphorane ligands (HPâ¼O and HPâ¼N), catalysts for Heck cross-coupling reactions. Inorganica Chimica Acta, 2011, 365, 204-210.	2.4	24
78	Ã¢Â€ÂœNakedÃ¢Â€Â•[Mn3O]7+Triangles: The Effect of Auxiliary Ligands on Magnetic Exchange. European Journal of Inorganic Chemistry, 2010, 2010, 483-489.	2.0	10
79	Nitrile-Rich Coordination Polymer ¹_{âˆž}{[Fe(CH₃CN)₄(pyrazine)](ClO₄)₂} Exhibiting a HS â‡† LS Transition. Inorganic Chemistry, 2010, 49, 11267-11269.	4.8	15
80	Ferromagnetic manganese â€œcubesâ€• from PSII to single-molecule magnets. Dalton Transactions, 2010, 39, 4777.	3.3	28
81	Polynuclear manganese amino acid complexes. Dalton Transactions, 2010, 39, 7943.	3.3	19
82	Water-controlled reactions selectivity of the ReOCl3(OPPh3)(SMe2) synthon with a hydrophosphorane ligand. Inorganica Chimica Acta, 2009, 362, 5245-5251.	2.4	2
83	The first amino acid manganese cluster: a [MnIV2MnIII3] dl-valine cage. Dalton Transactions, 2009, , 9117.	3.3	13
84	trans-Dioxidotetrapyridinerhenium(V) triiodide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1057-m1057.	0.2	6
85	Reactivity of oxo-rhenium precursor trans-ReOCl3(OPPh3)(SMe2) with diaza heterocyclic congeners: Synthesis and spectroscopic characterization of mono and dinuclear compounds. Polyhedron, 2008, 27, 1930-1936.	2.2	4
86	(R)-(â^')-3-Hydroxyquinuclidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o842-o842.	0.2	4
87	Redetermination of tetraphenylarsoniumtrans-aquatetrachlorooxorhenate(V) at 100 K. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m358-m359.	0.2	4
88	B,N-doped PAHs from Tridentate â€˜Defectsâ€™ - a Bottom-up Convergent Approach for Ï€-Extended Systems. Chemical Communications, 0, , .	4.1	2