

# Milosz Siczek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4413726/publications.pdf>

Version: 2024-02-01

88  
papers

1,467  
citations

304743

22  
h-index

395702

33  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Investigations of Lu <sub>2</sub> O <sub>3</sub> as Single Crystal and Polycrystalline Transparent Ceramic. <i>Crystal Growth and Design</i> , 2014, 14, 3327-3334.	3.0	73
2	2-Aminoisobutyric Acid in Co(II) and Co(II)/Ln(III) Chemistry: Homometallic and Heterometallic Clusters. <i>Inorganic Chemistry</i> , 2012, 51, 1170-1179.	4.0	66
3	Syntheses, structures and magnetic properties of azido- and phenoxo-bridged complexes of manganese containing tridentate arylhydrazone based ligands. <i>Polyhedron</i> , 2013, 61, 45-55.	2.2	52
4	Electronic Effects of Aromatic Rings on the Catalytic Activity of Dioxidomolybdenum(VI)â€“Hydrazone Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 999-1006.	2.0	51
5	A new manganese(III) complex anchored onto SBA-15 as efficient catalyst for selective oxidation of cycloalkanes and cyclohexene with hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 2013, 377, 16-28.	4.8	48
6	Synthesis, structural characterization and electrochemical studies of an ionic cobalt complex derived from a tridentate hydrazone Schiff base and azide ligands. <i>Inorganic Chemistry Communication</i> , 2012, 15, 151-155.	3.9	47
7	Heptanuclear Heterometallic [Cu <sub>6</sub> Ln] Clusters: Trapping Lanthanides into Copper Cages with Artificial Amino Acids. <i>Inorganic Chemistry</i> , 2012, 51, 5911-5918.	4.0	46
8	Unique trigonal prism encapsulated Ln complexes: a [Coll6Eu] and a [Coll6Dy] cage. <i>Dalton Transactions</i> , 2011, 40, 4793.	3.3	44
9	Unravelling the Behavior of Dionâ€“Jacobson Layered Hybrid Perovskites in Humid Environments. <i>ACS Energy Letters</i> , 2021, 6, 337-344.	17.4	44
10	Molecular oxygen reduction catalyzed by a highly oxidative resistant complex of cobaltâ€“hydrazone at the liquid/liquid interface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32161-32172.	2.8	40
11	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. <i>Polyhedron</i> , 2018, 147, 142-151.	2.2	37
12	Oxidative coupling of 2-naphthol catalyzed by a new methoxido bridged dinuclear oxidovanadium(V) complex. <i>Polyhedron</i> , 2016, 111, 167-172.	2.2	36
13	The first heterometallic Mnâ€“Ca cluster containing exclusively Mn(III) centers. <i>Inorganic Chemistry Communication</i> , 2011, 14, 213-216.	3.9	35
14	Synthesis, structure and magnetic characterization of the first azido bridged heterotetranuclear chromium-sodium complex. <i>Inorganic Chemistry Communication</i> , 2013, 35, 172-175.	3.9	33
15	Synthesis, structure and magnetic properties of a tetranuclear Mn(II) complex with carbohydrazone based ligand. <i>Inorganic Chemistry Communication</i> , 2015, 62, 60-63.	3.9	32
16	Magnetic and spectroscopic properties of a 2D Mn(II) coordination polymer with carbohydrazone ligand. <i>Inorganic Chemistry Communication</i> , 2016, 70, 219-222.	3.9	32
17	Single crystal EPR spectroscopy, magnetic studies and catalytic activity of a self-assembled [2Ã—2] CuII4 cluster obtained from a carbohydrazone based ligand. <i>Polyhedron</i> , 2015, 88, 48-56.	2.2	31
18	Artificial Amino Acids in Nickel(II) and Nickel(II)/Lanthanide(III) Chemistry. <i>Inorganic Chemistry</i> , 2011, 50, 5175-5185.	4.0	29

#	ARTICLE	IF	CITATIONS
19	Ferromagnetic manganese $\mu_3$ -cubes from PSII to single-molecule magnets. Dalton Transactions, 2010, 39, 4777.	3.3	28
20	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
21	Symmetry breaking structural phase transitions, dielectric properties and molecular motions of formamidinium cations in 1D and 2D hybrid compounds: $(\text{NH}_2)_2\text{CHNH}_2$ $\mu_3$ $[\text{Bi}_2\text{Cl}_9]$ and $(\text{NH}_2)_2\text{CHNH}_2$ $\mu_3$ $[\text{Bi}_2\text{Br}_9]$ . Dalton Transactions, 2019, 48, 14829-14838.	3.3	28
22	Spectroscopy and Structure of Ln <sup>III</sup> Complexes with Sulfonylamidophosphate-Type Ligands as Sensitizers of Visible and Near-Infrared Luminescence. ChemPlusChem, 2012, 77, 482-496.	2.8	26
23	Palladium complexes with hydrophosphorane ligands (HP <sup>1/4</sup> O and HP <sup>1/4</sup> N), catalysts for Heck cross-coupling reactions. Inorganica Chimica Acta, 2011, 365, 204-210.	2.4	24
24	Enneanuclear $[\text{Ni}_6\text{Ln}_3]$ Cages: $[\text{Ln}_3]$ Triangles Capping $[\text{Ni}_6]$ Trigonal Prisms Including a $[\text{Ni}_6\text{Dy}_3]$ Single-Molecule Magnet. Inorganic Chemistry, 2015, 54, 7089-7095.	4.0	22
25	Molecular structure and catalytic activity of Fe(III) coordination compound with ONO-donor hydrazone ligand in the oxidation of cyclooctene by H <sub>2</sub> O <sub>2</sub> . Journal of Molecular Structure, 2022, 1250, 131774.	3.6	21
26	Polynuclear manganese amino acid complexes. Dalton Transactions, 2010, 39, 7943.	3.3	19
27	Hexametallc manganese clusters with bulky derivatised salicylaloximes. Dalton Transactions, 2011, 40, 1693.	3.3	19
28	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
29	A family of polynuclear cobalt complexes upon employment of an indeno-quinoxaline based oxime ligand. RSC Advances, 2014, 4, 23068-23077.	3.6	17
30	Tetradecanuclearity in 3d <sup>4f</sup> chemistry: relaxation and magnetocaloric effects in $[\text{Ni}_6\text{Ln}_8]$ species. Dalton Transactions, 2017, 46, 3449-3452.	3.3	17
31	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
32	Constructing Cr <sup>III</sup> -centered heterometallic complexes: $[\text{Ni}_6\text{Cr}]$ and $[\text{Co}_6\text{Cr}]$ wheels. Dalton Transactions, 2018, 47, 58-61.	3.3	16
33	Lossen Rearrangement of p-Toluenesulfonates of N-Oximides in Basic Condition, Theoretical Study, and Molecular Docking. Frontiers in Chemistry, 2021, 9, 662533.	3.6	16
34	Nitrile-Rich Coordination Polymer $[\text{Fe}(\text{CH}_3\text{CN})_4(\text{pyrazine})_2(\text{ClO}_4)_2]$ Exhibiting a HS $\leftrightarrow$ LS Transition. Inorganic Chemistry, 2010, 49, 11267-11269.	3.3	15
35	A family of $[\text{Mn}_6\text{Ln}_2]$ rod-like clusters. Dalton Transactions, 2015, 44, 6082-6088.	3.3	14
36	Building 1D lanthanide chains and non-symmetrical $[\text{Ln}_2]$ $\mu_3$ -triple-decker clusters using salen-type ligands: magnetic cooling and relaxation phenomena. Dalton Transactions, 2016, 45, 18591-18602.	3.3	14

#	ARTICLE	IF	CITATIONS
37	The first amino acid manganese cluster: a [MnIV <sub>2</sub> MnIII <sub>3</sub> ] dl-valine cage. Dalton Transactions, 2009, , 9117.	3.3	13
38	A triacontanuclear [Zn <sub>12</sub> Dy <sub>18</sub> ] cluster: a ring of [Dy <sub>4</sub> ] cubes. Chemical Communications, 2016, 52, 343-345.	4.1	13
39	A synthetic manganese-calcium cluster similar to the catalyst of Photosystem II: challenges for biomimetic water oxidation. Dalton Transactions, 2020, 49, 5597-5605.	3.3	13
40	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
41	Heterometallic lanthanide-centred [NiII <sub>6</sub> Ln <sup>III</sup> ] <sub>n</sub> rings. Dalton Transactions, 2018, 47, 12863-12867.	3.3	11
42	ÅĀĀNakedÅĀĀ•[Mn <sub>3</sub> O] <sub>7</sub> +Triangles: The Effect of Auxiliary Ligands on Magnetic Exchange. European Journal of Inorganic Chemistry, 2010, 2010, 483-489.	2.0	10
43	A bulky oxime for the synthesis of Mn(III) clusters. Journal of Coordination Chemistry, 2015, 68, 3472-3484.	2.2	10
44	A decanuclear [DyIII <sub>6</sub> ZnII <sub>4</sub> ] cluster: a {ZnII <sub>4</sub> } rectangle surrounding an octahedral {DyIII <sub>6</sub> } single molecule magnet. Dalton Transactions, 2019, 48, 3566-3570.	3.3	10
45	Efficient Reduction of Dioxygen with Ferrocene Catalyzed by Thiocarbohydrazone Tetranuclear Cobalt(III) Coordination Compound. Applied Organometallic Chemistry, 2020, 34, e5833.	3.5	10
46	Multi-length Scale Structure of 2D/3D Dion-Jacobson Hybrid Perovskites Based on an Aromatic Diammonium Spacer. Small, 2022, 18, e2104287.	10.0	10
47	First Oxido-Bridged Cubo-Octahedral Hexanuclear Rhenium Clusters. Inorganic Chemistry, 2014, 53, 6578-6584.	4.0	9
48	Luminescent properties and structure of new CAPH-based lanthanide complexes [LnL <sub>3</sub> Q], containing additional bis-heterocyclic aromatic ligand-antenna 2-(1,3,4-oxadiazole-2-yl) pyridine. Optical Materials, 2018, 75, 459-464.	3.6	9
49	Application of the Intramolecular Diels-Alder Vinylarene (IMDAV) Approach for the Synthesis of Thieno[2,3-f]isoindoles. Synthesis, 2020, 52, 2196-2223.	2.3	9
50	A new oxime ligand in manganese chemistry: a [Mn <sub>8</sub> ] and a [Mn <sub>6</sub> ] cage from the use of 2-dihydroxy-2-phenylacetamidine. Dalton Transactions, 2011, 40, 11371.	3.3	8
51	On rhodium complexes bearing H-spirophosphorane derived ligands: Synthesis, structural and catalytic properties. Journal of Organometallic Chemistry, 2013, 743, 179-186.	1.8	8
52	Syntheses, structures and catalytic activities of dinuclear copper complexes with tetradentate diaminebis (phenolate) ligands. Transition Metal Chemistry, 2015, 40, 255-267.	1.4	8
53	New members of the [Mn <sub>6</sub> /oxime] family and analogues with converging [Mn <sub>3</sub> ] planes. Journal of Coordination Chemistry, 2016, 69, 826-840.	2.2	8
54	A Ferromagnetically Coupled, Bell-Shaped [Ni <sub>4</sub> Gd <sub>5</sub> ] Cage. Inorganic Chemistry, 2019, 58, 11404-11409.	4.0	8

#	ARTICLE	IF	CITATIONS
55	Synthesis, structural analysis and evaluation of the catalytic activity of a non-symmetric N-(salicylidene)diethylenetriamine complex of copper(II). <i>Chinese Journal of Catalysis</i> , 2013, 34, 1456-1461.	14.0	7
56	Employment of 2-pyrrole aldoxime in iron cluster chemistry: Trinuclear and hexanuclear clusters. <i>Polyhedron</i> , 2013, 52, 1411-1415.	2.2	7
57	An indeno-quinoxaline based oxime ligand for the synthesis of polynuclear Ni(II) clusters. <i>RSC Advances</i> , 2013, 3, 13214.	3.6	7
58	Synthesis, crystal structure and magnetic properties of a trinuclear phenolate bridged manganese complex containing Mn(II)–Mn(III) ions. <i>RSC Advances</i> , 2014, 4, 36175.	3.6	7
59	A [Ce <sub>21</sub> ] keplerate. <i>Dalton Transactions</i> , 2017, 46, 7677-7680.	3.3	7
60	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. <i>Journal of Molecular Structure</i> , 2020, 1199, 127023.	3.6	7
61	Immobilization of Rh precursor in a porphyrin metal–organic framework turning on the catalytic activity. <i>Dalton Transactions</i> , 2021, 50, 9051-9058.	3.3	7
62	<i>trans</i> -Dioxidotetrapyridinerhenium(V) triiodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1057-m1057.	0.2	6
63	Synthesis, Characterisation and Catalytic Application of Oxidorhenium Complexes Bearing H–Spirophosphorane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3331-3341.	2.0	6
64	Products of reactions between ReX <sub>3</sub> (X=Cl, I) and N-heterocyclic compounds – Structural and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 2014, 418, 84-92.	2.4	6
65	Spatiotemporal Studies of the One-Dimensional Coordination Polymer [Fe(ebtz) <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> CN) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> : Tug of War between the Nitrile Reorientation Versus Crystal Lattice as a Tool for Tuning the Spin Crossover Properties**. <i>Chemistry - A European Journal</i> , 2020, 26, 14419-14434.	3.3	6
66	Coordination chemistry of H–Spirophosphorane ligands towards pentacarbonylchlororhenium(I) – synthesis, structure and catalytic activity of complexes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5756.	3.5	6
67	(E)-4-{2-[(2-Hydroxynaphthalen-1-yl)methylidene]hydrazinocarbonyl}pyridinium nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o367-o368.	0.2	5
68	Crystallization-Induced Asymmetric Synthesis of Nonracemic Platinum(IV) Polysulfide Tris(chelate) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3675-3679.	2.0	5
69	Reversible guest vapour sorption in breathing crystals of a discrete ionic binuclear Cu(I) complex. <i>CrystEngComm</i> , 2013, 15, 9859.	2.6	5
70	Dinuclear and Mononuclear Rhenium Coordination Compounds upon Employment of a Schiff-Base Triol Ligand: Structural, Magnetic, and Computational Studies. <i>Inorganic Chemistry</i> , 2019, 58, 8596-8606.	4.0	5
71	Reductive Dimerization of Macrocycles Activated by BBr <sub>3</sub> . <i>Organic Letters</i> , 2021, 23, 3652-3656.	4.6	5
72	Redetermination of tetraphenylarsoniumtrans-aquatetrachlorooxorhenate(V) at 100 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m358-m359.	0.2	4

#	ARTICLE	IF	CITATIONS
73	Reactivity of oxo-rhenium precursor trans-ReOCl <sub>3</sub> (OPPh <sub>3</sub> )(SMe <sub>2</sub> ) with diaza heterocyclic congeners: Synthesis and spectroscopic characterization of mono and dinuclear compounds. <i>Polyhedron</i> , 2008, 27, 1930-1936.	2.2	4
74	Discrete Cuboidal 15- and 16-Membered Water Clusters in Brucine 3.86-Hydrate, Water Release and Its Consequences. <i>Crystal Growth and Design</i> , 2014, 14, 6537-6541.	3.0	4
75	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. <i>Inorganica Chimica Acta</i> , 2017, 455, 701-706.	2.4	4
76	A [Cr <sub>2</sub> Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. <i>Chemical Communications</i> , 2018, 54, 6153-6156.	4.1	4
77	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-Methyl-Ethylcathinone, 3-MEC). <i>Crystals</i> , 2019, 9, 555.	2.2	4
78	The first amino acid bound manganese-calcium clusters: a {[MnIII <sub>3</sub> Ca] <sub>2</sub> } methylalanine complex, and a [MnIII <sub>6</sub> Ca] trigonal prism. <i>Dalton Transactions</i> , 2020, 49, 10339-10343.	3.3	4
79	( <i>R</i> )-3-Hydroxyquinuclidinium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o842-o842.	0.2	4
80	[ReOCl <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] as a substrate for the synthesis of the rhenium(I) carbonyl complexes [Re(CO) <sub>2</sub> (OAc)(PPh <sub>3</sub> ) <sub>2</sub> ] and [ReCl(CO) <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2013, 733, 60-62.	1.8	3
81	On the origin of oxygen in Re <sub>6</sub> ( $\frac{1}{4}$ -O) <sub>12</sub> core in cubo-octahedral hexanuclear rhenium clusters. <i>Polyhedron</i> , 2015, 97, 248-252.	2.2	3
82	Water-controlled reactions selectivity of the ReOCl <sub>3</sub> (OPPh <sub>3</sub> )(SMe <sub>2</sub> ) synthon with a hydrophosphorane ligand. <i>Inorganica Chimica Acta</i> , 2009, 362, 5245-5251.	2.4	2
83	Two unique star-like [MnIVMnIII <sub>2</sub> LnIII] clusters: magnetic relaxation phenomena. <i>RSC Advances</i> , 2016, 6, 45326-45329.	3.6	2
84	B,N-doped PAHs from Tridentate $\pi$ -Defects <sup>TM</sup> - a Bottom-up Convergent Approach for $\pi$ -Extended Systems. <i>Chemical Communications</i> , 0, .	4.1	2
85	The first characterization of cubic Nd <sup>3+</sup> -doped mixed La <sub>2</sub> MoWO <sub>9</sub> in micro-crystalline powders and translucent micro-ceramics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10083-10098.	5.5	2
86	cis-Dichlorido[2,3-dimethyl-3-(4,4,5,5-tetramethyl-1,3,2 $\lambda^5$ -dioxaphospholan-2-yloxy)butan-2-olato- $\eta^2$ O,P]oxido(triphenylphosphane- $\eta^3$ P) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m605-m606.	0.2	1
87	2,2 $\alpha^2$ -[(1 <i>E</i> ,2 <i>E</i> )-1,2-Bis(hydroxyimino)ethane-1,2-diyl]dipyridinium hexachloridorhenate(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1174-m1175.	0.2	1
88	The two faces of platinum hydrospirophosphorane complexes <sup>TM</sup> - Not only relevant catalysts but cytotoxic compounds as well. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	1