Barbara Miroslaw

List of Publications by Year
in descending order

67	923	394286	580701
papers	citations	19 h-index	25 g-index

68	68	68	1122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New azamacrocyclic binuclear Cu(II) aminocarboxylate complexes: Structural, magnetic, spectral and antiproliferative studies. Journal of Molecular Structure, 2022, 1252, 131969.	1.8	2
2	Spodium bonds and metalâ€“halogenÂ·Â·Â·halogenâ€“metal interactions in propagation of monomeric units to dimeric or polymeric architectures. Journal of Molecular Structure, 2022, 1252, 132144.	1.8	8
3	Green, one-pot synthesis of 1,2-oxazine-type herbicides via non-catalyzed Hetero Diels-Alder reactions comprising (2E)-3-aryl-2-nitroprop-2-enenitriles. Journal of Cleaner Production, 2022, 356, 131878.	4.6	7
4	Metathetic approach to new NORPHOS-related bisphosphanes: facile synthesis and application in asymmetric hydrogenation. Pure and Applied Chemistry, 2021, 93, 409-426.	0.9	0
5	Green synthesis of nitrocyclopropane-type precursors of inhibitors for the maturation of fruits and vegetables via domino reactions of diazoalkanes with 2-nitroprop-1-ene. Journal of Cleaner Production, 2021, 292, 126079.	4.6	14
6	Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotinohydrazide derivative. Inorganica Chimica Acta, 2021, 519, 120279.	1.2	25
7	Structure, thermal stability and magnetic behavior of Mn(II) complexes with phenoxyacetic acid herbicides. Polyhedron, 2021, 207, 115370.	1.0	5
8	The Participation of 3,3,3-Trichloro-1-nitroprop-1-ene in the [3 + 2] Cycloaddition Reaction with Selected Nitrile N-Oxides in the Light of the Experimental and MEDT Quantum Chemical Study. Molecules, 2021, 26, 6774.	1.7	18
9	Halogen interactions in dinuclear copper(II) 2,4-dibromophenoxyacetate â€“ crystal structure and quantum chemical calculations. Journal of Molecular Structure, 2020, 1202, 127227.	1.8	5
10	[3+2] Cycloaddition of diaryldiazomethanes with (E)-3,3,3-trichloro-1-nitroprop-1-ene: An experimental, theoretical and structural study. Journal of Molecular Structure, 2020, 1203, 127473.	1.8	20
11	Supramolecular architectures of Mn(NCS)2 complexes with N'-(1-(pyridin-4-yl)ethylidene)picolinohydrazide and N'-(phenyl(pyridin-4-yl)methylene)isonicotinohydrazide. Polyhedron, 2020, 190, 114776.	1.0	9
12	Clean and molecularly programmable protocol for preparation of bis-heterobiarylic systems via a domino pseudocyclic reaction as a valuable alternative for TM-catalyzed cross-couplings. Journal of Cleaner Production, 2020, 275, 122086.	4.6	17
13	Heterometallic di- and trinuclear CuIILnIII (LnIIIÂ=ÂLa, Ce, Pr, Nd) complexes with an alcohol-functionalized compartmental Schiff base ligand: Syntheses, crystal structures, thermal and magnetic studies. Polyhedron, 2020, 188, 114703.	1.0	7
14	Homo- and Hetero-Oligonuclear Complexes of Platinum Group Metals (PGM) Coordinated by Imine Schiff Base Ligands. International Journal of Molecular Sciences, 2020, 21, 3493.	1.8	25
15	Complexes of BiCl₃ with hydrazone derived ligands: a MÃ¶bius-like discrete metal chelate versus a salt-like porous polymeric structure. New Journal of Chemistry, 2020, 44, 9429-9437.	1.4	5
16	Novel lanthanide(III) complex [LaL2(NO3) (H2O)2]Â·5H2O with 2-pyridine carboxaldehyde isonicotinoyl hydrazine exhibiting a 3D supramolecular topology 3,6T49. Journal of Molecular Structure, 2020, 1212, 128151.	1.8	11
17	Non-covalent interactions induced supramolecular architecture of Hg(NCS)2 with 3-pyridinecarbaldehyde nicotinoylhydrazone. Inorganica Chimica Acta, 2020, 509, 119700.	1.2	9
18	Interplay between packing, dimer interaction energy and morphology in a series of tricyclic imide crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 157-165.	0.5	2

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19	A Highly Stable Allâ€inorganic CsPbBr₃ Perovskite Solar Cell. European Journal of Inorganic Chemistry, 2019, 2019, 3699-3703.	1.0	31
20	Modulation of coordination in pincer-type isonicotinohydrazone Schiff base ligands by proton transfer. CrystEngComm, 2019, 21, 108-117.	1.3	34
21	Symmetry in Recognition of Supramolecular Synthonsâ€"Competition between Hydrogen Bonding and Coordination Bond in Multinuclear Cullâ€"4f Complexes with Bicompartmental Schiff Base Ligand. Symmetry, 2019, 11, 460.	1.1	5
22	New lupeol esters as active substances in the treatment of skin damage. PLoS ONE, 2019, 14, e0214216.	1.1	28
23	Halogen bonded lamellar motifs in crystals of Schiff base Znllâ€"Lnlllâ€"Znll coordination compounds â€" Synthesis, structure, Hirshfeld surface analysis and physicochemical properties. Polyhedron, 2019, 166, 83-90.	1.0	8
24	New Rigid Polycyclic Bis(phosphane) for Asymmetric Catalysis. Molecules, 2019, 24, 571.	1.7	10
25	Syntheses, crystal structures, thermal and magnetic properties of new heterotrinuclear Cullâ€"Lnlllâ€"Cull complexes incorporating N2O4-donor Schiff base ligands. Polyhedron, 2018, 144, 225-233.	1.0	10
26	Recurrent supramolecular motifs in discrete complexes and coordination polymers based on mercury halides: prevalence of chelate ring stacking and substituent effects. CrystEngComm, 2018, 20, 1065-1076.	1.3	39
27	Structural, Luminescent and Thermal Properties of Heteronuclear Pdllâ€"Lnlllâ€"Pdll Complexes of Hexadentate N2O4 Schiff Base Ligand. Molecules, 2018, 23, 2423.	1.7	6
28	Regiospecific formation of the nitromethyl-substituted 3-phenyl-4,5-dihydroisoxazole via [3â€‰+â€‰2] cycloaddition. Monatshefte FÃ¼r Chemie, 2018, 149, 1877-1884.	0.9	19
29	Synthesis of unsymmetrical disulfanes bearing 1,2,4-triazine scaffold and their in vitro screening towards anti-breast cancer activity. Monatshefte FÃ¼r Chemie, 2018, 149, 1409-1420.	0.9	24
30	Heterometallic Znllâ€"Lnlllâ€"Znll Schiff Base Complexes with Linear or Bent Conformationâ€"Synthesis, Crystal Structures, Luminescent and Magnetic Characterization. Molecules, 2018, 23, 1761.	1.7	21
31	Coordination environment of new Co(II), Ni(II) and Cu(II) complexes with 4-bromophenoxyacetic acid: Structural, spectroscopic and theoretical studies. Polyhedron, 2017, 133, 54-62.	1.0	8
32	Hexanuclear [Cu4IILn2III] compounds incorporating N,O-donor ligands â€" Synthesis, crystal structures and physicochemical properties. Inorganica Chimica Acta, 2017, 466, 160-165.	1.2	6
33	Unexpected course of reaction between (E)-2-aryl-1-cyano-1-nitroethenes and diazafluorene: why is there no 1,3-dipolar cycloaddition?. Monatshefte FÃ¼r Chemie, 2017, 148, 909-915.	0.9	25
34	Straightforward approach to norbornene core based chiral ligands by tandem cross dehydrogenative coupling reactions. Tetrahedron Letters, 2016, 57, 3491-3495.	0.7	7
35	Synthesis and electrochemical characterization of oligothiophenes with 1,2,4-triazine and 5,5â€²-bi-1,2,4-triazine as strong electron acceptor units. Electrochimica Acta, 2016, 214, 19-30.	2.6	9
36	Synthesis, antibacterial and antiproliferative potential of some new 1-pyridinecarbonyl-4-substituted thiosemicarbazide derivatives. Medicinal Chemistry Research, 2016, 25, 1666-1677.	1.1	49

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37	A simple and easy way to enhance sensitivity of Sn(IV) on bismuth film electrodes with the use of a mediator. Monatshefte FÃ¼r Chemie, 2016, 147, 61-68.	0.9	9
38	In the search for experimental and quantumchemical evidence for zwitterionic nature of (2 E) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 pushâ€“pull molecule. Journal of Molecular Structure, 2016, 1108, 689-697.	1.8	23
39	Antimicrobial and Anti-biofilm Activity of Thiourea Derivatives Bearing 3-amino-1H-1,2,4-triazole Scaffold. Medicinal Chemistry, 2016, 12, 478-488.	0.7	12
40	Asymmetry in propeller-like trinuclear diphenoxo-bridged Cu^{II}â€“Ln^{III}â€“Cu^{II} (Ln = La, Pr, Nd) Schiff base complexes â€“ synthesis, structure and magnetic properties. Journal of Coordination Chemistry, 2015, 68, 1602-1615.	0.8	7
41	Tautomerism of a compartmental Schiff base ligand and characterization of a new heterometallic CuIIâ€“DyIII complex â€” Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2015, 52, 64-68.	1.8	12
42	Structural diversity in mercury(II) coordination complexes with asymmetrical hydrazone-based ligands derived from pyridine. Journal of Molecular Structure, 2015, 1088, 64-69.	1.8	24
43	A novel hexanuclear CuII4â€“GdIII2 cluster obtained from heterotrinuclear building blocks. Inorganic Chemistry Communication, 2015, 54, 81-84.	1.8	4
44	Halogen bonding in the antibacterial 1,2,4-triazole-3-thione derivative â€“ Spectroscopic properties, crystal structure and conformational analysis. Journal of Molecular Structure, 2015, 1083, 187-193.	1.8	14
45	Carbonato-bridged heteronuclear NiII2LnIII2 (Ln=Tb, Dy, Ho, Er, Tm, Yb, Lu) complexes synthesized by fixation of atmospheric CO2 â€“ Structural and magnetic studies. Polyhedron, 2015, 85, 697-704.	1.0	24
46	Synthesis, Antimicrobial and Pharmacological Evaluation of Thioureaderivatives of 4H-1,2,4-triazole. Letters in Drug Design and Discovery, 2015, 12, 263-276.	0.4	16
47	2â€Methoxynaphthylnaphthoquinone and its solvate: synthesis and structureâ€“properties relationship. Journal of Physical Organic Chemistry, 2014, 27, 66-73.	0.9	2
48	Heterometallic trinuclear 3dâ€“4fâ€“3d compounds based on a hexadentate Schiff base ligand. Polyhedron, 2014, 68, 180-190.	1.0	23
49	Synthesis and characterization of Cu^{II}â€“Ln^{III} (Ln = Ho, Tm, Yb, or Lu) complexes with N₂O₄-donor Schiff base ligand. Journal of Coordination Chemistry, 2014, 67, 2728-2746.	0.8	20
50	Vibrational spectroscopy (FT-IR and Laser-Raman) investigation, and computational (M06-2X and B3LYP) analysis on the structure of 4-(3-fluorophenyl)-1-(propan-2-ylidene)-thiosemicarbazone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 91-99.	2.0	12
51	A heterometallic Ni2Gd2 complex : Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2014, 46, 94-97.	1.8	4
52	Substituent effect on supramolecular motifs in series of succinimide polycyclic keto derivatives â€“ Spectroscopic, theoretical and crystallographic studies. Journal of Molecular Structure, 2014, 1074, 695-702.	1.8	3
53	New mononuclear CuII and tetranuclear CuII2â€“LaIII2 Schiff base complexes â€“ Physicochemical properties. Polyhedron, 2013, 62, 218-226.	1.0	14
54	Propeller-like heterotrinuclear CuIIâ€“LnIIIâ€“CuII compounds â€“ Physicochemical properties. Inorganica Chimica Acta, 2013, 401, 50-57.	1.2	20

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55	Synthesis and pharmacological activity of 1,8,11,11-tetramethyl-4-azatricyclo[5.2.2.0(2,6)]undec-8-ene-3,5-dione derivatives. [corrected]. Acta Poloniae Pharmaceutica, 2013, 70, 505-15.	0.3	0
56	Synthesis and biological evaluation of N-substituted polycyclic imides derivatives. Acta Poloniae Pharmaceutica, 2013, 70, 809-22.	0.3	1
57	17-Hydroxy-1,8-dimethyl-17-azapentacyclo[6.6.5.02,7.09,14.015,19]nonadeca-2,4,6,9(14),10,12-hexaene-16,18-dione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3293-o3294.	0.2	0
58	Disubstituted thiourea derivatives and their activity on CNS: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2012, 55, 205-213.	2.6	53
59	Synthesis, crystal structures and magnetic behavior of Niiâ€“4fâ€“Niii compounds. Polyhedron, 2012, 43, 47-54.	1.0	16
60	N,Nâ€²-bis(5-bromo-2-hydroxy-3-methoxybenzylidene)-1,3-diaminopropane Cuâ€“4fâ€“Cu and Cuâ€“4f complexes: Synthesis, crystal structures and magnetic properties. Polyhedron, 2012, 34, 121-128.	1.0	21
61	Synthesis, crystal structures and magnetic characterization of heterodinuclear CuIIGdIII and CuIITbIII Schiff base complexes. Inorganica Chimica Acta, 2011, 378, 288-296.	1.2	19
62	4-(3-Fluorophenyl)-1-(propan-2-ylidene)thiosemicarbazone. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3010-o3010.	0.2	2
63	Synthesis, characterization and supramolecular synthons in crystals of new derivatives of 10-oxa-4-azatricyclo[5.2.1.02,6]dec-8-ene-3,5-dione. Journal of Molecular Structure, 2010, 965, 23-30.	1.8	9
64	Synthesis of new 1,3â€thiazepine derivatives. Journal of Heterocyclic Chemistry, 2009, 46, 298-302.	1.4	7
65	Synthesis and Structural Characterisation of Derivatives of Tricyclo[5.2.1.0^{2,6}]Decâ€8â€Eneâ€3,5â€Dione with an Expected Antimicrobial Activity. Journal of the Chinese Chemical Society, 2008, 55, 1258-1265.	0.8	6
66	4-Azatricyclo[5.2.2.02,6]undecane-3,5,8-triones as Potential Pharmacological Agents. Molecules, 2008, 13, 1570-1583.	1.7	16
67	Synthesis of N-acetyl-N-(3,5-dioxo-10-oxa-4-aza-tricyclo[5.2.1.02,6]dec-4-yl)-acetamide. MolBank, 2007, 2007, M533.	0.2	2