

Anna Kozakiewicz

List of Publications by Year in descending order

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citations

361045

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#	ARTICLE	IF	CITATIONS
1	Tetranuclear Zn(II) complexes with ditopic picolinohydrazone ligands: Synthesis, crystal structure, spectroscopic studies, and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2022, 1265, 133356.	1.8	9
2	Mixed-valence outer-sphere Ru(II)/Ru(III) ion-pair complexes. Synthesis, experimental, and theoretical studies. <i>Polyhedron</i> , 2022, 223, 115939.	1.0	2
3	A tandem motif-based and structural approach can identify hidden functional phosphodiesterases. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 970-975.	1.9	15
4	Biochemical Characterization of Recombinant UDPG-Dependent IAA Glucosyltransferase from Maize (<i>Zea mays</i>). <i>International Journal of Molecular Sciences</i> , 2021, 22, 3355.	1.8	1
5	Assessing the Interactions of Statins with Human Adenylate Kinase Isoenzyme 1: Fluorescence and Enzyme Kinetic Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5541.	1.8	0
6	Biological Inspirations: Iron Complexes Mimicking the Catechol Dioxygenases. <i>Materials</i> , 2021, 14, 3250.	1.3	3
7	Electrosynthesis of 1,2,4-Triazolium Tetrafluoroborates. <i>Organic Letters</i> , 2021, 23, 5123-5127.	2.4	1
8	Adenylate kinases of thermophiles <i>Aquifex aeolicus</i> and <i>Geobacillus stearothermophilus</i> : biochemical and kinetic studies. <i>Biochemistry and Cell Biology</i> , 2021, 99, 499-507.	0.9	0
9	A dinuclear iron complex as a precatalyst for water oxidation under alkaline conditions. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 29896-29904.	3.8	31
10	In Search of Monocot Phosphodiesterases: Identification of a Calmodulin Stimulated Phosphodiesterase from <i>Brachypodium distachyon</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 9654.	1.8	7
11	Crystal structure and magnetic interactions of a new alkoxido and azido bridged 1D copper(II) coordination polymer. <i>Journal of Solid State Chemistry</i> , 2021, 303, 122484.	1.4	8
12	Association of Non-covalent Interactions C ⁺ ⋯X (X = O, F, Cl, I) and Cl⋯I with Hydrogen Bond Interactions N ⁺ ⋯O in Molecular Assembly of New Phosphoramides: A Combined X-Ray Crystallography and Topology (AIM and Hirshfeld) Analysis. <i>ChemistrySelect</i> , 2020, 5, 185-195.	0.7	4
13	Two new micro-isostructural metal-organic polymers based on mixed-ligand copper(I): Structures and selective sensing of nitro explosives in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5701.	1.7	10
14	Cu(II)-Hydrazide Coordination Compound Supported on Silica Gel as an Efficient and Recyclable Heterogeneous Catalyst for Green Click Synthesis of 1 ^H -Hydroxy-1,2,3-triazoles in Water. <i>ACS Omega</i> , 2020, 5, 13344-13357.	1.6	31
15	Iron(III) complexes with N ₂ O ₂ -donor salophen and azide ligands: Crystal structure, experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2020, 1217, 128431.	1.8	11
16	1D Azido bridged Cu(II) coordination polymer with 1,3-oxazolidine ligand as an effective catalyst for green click synthesis of 1,2,3-triazoles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5826.	1.7	16
17	Steric and electronic tuning of the reactivity of [Ru(II)(terpy)(N ⁺ N)Cl]Cl complexes. <i>Inorganica Chimica Acta</i> , 2020, 504, 119449.	1.2	14
18	Characterization of a Mixed-Valence Ru(II)/Ru(III) Ion-Pair Complex. Unexpected High-Frequency Electron Paramagnetic Resonance Evidence for Ru(III)–Ru(III) Dimer Coupling. <i>Inorganic Chemistry</i> , 2020, 59, 8609-8619.	1.9	8

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19	Synthesis, characterization and assessment of anti-quorum sensing activity of copper(II)-ciprofloxacin complex against <i>Pseudomonas aeruginosa</i> PAO1. <i>AMB Express</i> , 2020, 10, 82.	1.4	13
20	Studies on Pd(1,4-bis(2-hydroxyethyl)piperazine)-dicarboxylic acid complexes as models for carboplatin with structural features enhancing the interaction with DNA. <i>Journal of Coordination Chemistry</i> , 2019, 72, 2035-2049.	0.8	5
21	Crystal structure and magneto-structural investigation of alkoxido bridged dinuclear Fe(III) complexes with 1,3-oxazolidine ligands. <i>Polyhedron</i> , 2019, 162, 20-29.	1.0	18
22	Effect of Geometrical Structure, Drying, and Synthetic Method on Aminated Chitosan-Coated Magnetic Nanoparticles Utility for HSA Effective Immobilization. <i>Molecules</i> , 2019, 24, 1925.	1.7	10
23	Copper(II) complexes of functionalized sulfur-containing ligands: structural and theoretical insights into chalcogen bonding. <i>CrystEngComm</i> , 2019, 21, 2675-2690.	1.3	4
24	The synthesis, characterization and fluorescence properties of new benzimidazole derivatives. <i>Journal of Luminescence</i> , 2019, 211, 88-95.	1.5	8
25	Chemoselective cyclization of 3-arylamino-2-hydroxy-tetrahydroindol-4-one in water at room temperature. <i>Heliyon</i> , 2019, 5, e01456.	1.4	1
26	Electrocatalytic water oxidation by a Ni(II) salophen-type complex. <i>RSC Advances</i> , 2019, 9, 40424-40436.	1.7	26
27	Catalytic oxidation of benzyl alcohols by new Cu(II) complexes of 1,3-oxazolidine based ligand obtained from a solvent free reaction. <i>Inorganica Chimica Acta</i> , 2018, 478, 77-87.	1.2	36
28	New highly fluorescent silver complexes and their thin films obtained by spin coating method. <i>New Journal of Chemistry</i> , 2018, 42, 18559-18568.	1.4	1
29	X-ray structure and magnetic and fluorescence characteristics of new Cu(II) complexes with Schiff bases derived from 2-(2-aminoethyl)pyridine and 2-hydroxy-1-naphthaldehyde; morphology and fluorescence of their thin films. <i>Dalton Transactions</i> , 2018, 47, 13902-13912.	1.6	5
30	Systematic tuning of the reactivity of [Ru(II)(terpy)(N ^N)Cl]Cl complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1761-1777.	0.8	11
31	Green click synthesis of 1,2,3-triazoles in water in the presence of a Cu(II) azide catalyst: a new function for Cu(II) azide complexes. <i>New Journal of Chemistry</i> , 2017, 41, 2658-2667.	1.4	48
32	Ni(II) and V(IV) Schiff base complexes derived from 2,2'-dimethylpropanediamine: the crystal structure, electrochemical properties and catalytic activities in oxidation of sulfides. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1424-1437.	0.8	7
33	Thermal and structural characterization of copper(II) complexes with phenyl-2-pyridylketoxime (HPPK). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1591-1599.	2.0	0
34	Experimental and theoretical investigation of the complexation of 5-methyl-7-isobutyl-1,2,4-triazolo[1,5-a]pyrimidine with platinum(II) ions. <i>New Journal of Chemistry</i> , 2017, 41, 7775-7782.	1.4	9
35	Structural and spectral studies of silver(I) complexes with new Schiff bases derived from 2-thiopheneethylamine and their application in thin layer deposition by spin and dip coating techniques. <i>Polyhedron</i> , 2017, 124, 12-21.	1.0	9
36	Bis(Cyclic Alkyl Amino Carbene) Ruthenium Complexes: A Versatile, Highly Efficient Tool for Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 981-986.	7.2	89

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37	Structure and reactivity of [Ru ^{II} (terpy)(N ^N)Cl]Cl complexes: consequences for biological applications. Dalton Transactions, 2017, 46, 10264-10280.	1.6	24
38	New fluorescent [Ag(I)(Schiff base)] complexes derived from 9-anthracenecarboxaldehyde and their application in thin layers deposition. Polyhedron, 2017, 134, 177-191.	1.0	5
39	Cyclic Alkyl Amino Ruthenium Complexes as Efficient Catalysts for Macrocyclization and Acrylonitrile Cross Metathesis. ACS Catalysis, 2017, 7, 5443-5449.	5.5	72
40	Synthesis, crystal structure and magnetic studies of linear and cubane-type tetranuclear Cu(II) complexes obtained by stoichiometric control of the reagents. Polyhedron, 2017, 122, 137-146.	1.0	31
41	4-Nitrocatecholato iron(III) complexes of 2-aminomethyl pyridine-based bis(phenol) amine as structural models for catechol-bound 3,4-PCD. Journal of Molecular Structure, 2016, 1106, 30-36.	1.8	6
42	2-Allylaminothiazole and 2-allylaminodihydrothiazole derivatives: synthesis, characterization, and evaluation of bioactivity. Monatshefte für Chemie, 2015, 146, 1673-1679.	0.9	10
43	Enantioselective Synthesis of Chromanones Bearing Quaternary Substituted Stereocenters Catalyzed by (1 <i>R</i>)-Camphor-Derived <i>N</i> -Heterocyclic Carbenes. Journal of Organic Chemistry, 2015, 80, 7468-7476.	1.7	34
44	Highly efficient synthesis of spirocyclic (1 <i>R</i>)-camphor-derived triazolium salts: application in the catalytic asymmetric benzoin condensation. Tetrahedron, 2014, 70, 5739-5745.	1.0	23
45	(<i>â</i> ⁺)- <i>Î</i> ² -Pinene-Derived <i>N</i> -Heterocyclic Carbenes: Application to Highly Enantioselective Intramolecular Stetter Reaction. ACS Catalysis, 2014, 4, 1404-1408.	5.5	51
46	Iron(III) complexes of ethylenediamine derivatives of aminophenol ligands as models for enzyme-substrate adducts of catechol dioxygenases. Inorganica Chimica Acta, 2013, 395, 124-134.	1.2	23
47	Iron(III) complexes of pyridine-based tetradentate aminophenol ligands as structural model complexes for the catechol-bound intermediate of catechol dioxygenases. Polyhedron, 2013, 55, 109-116.	1.0	13
48	<i>Î</i> [±] -Pinene-type chiral Schiff bases as tridentate ligands in asymmetric addition reactions. Tetrahedron: Asymmetry, 2011, 22, 648-657.	1.8	15
49	Synthesis, crystal structure, magnetic and redox properties of copper(II) complexes of <i>N</i> -alkyl(aryl) <i>t</i> Bu-salicylaldimines. Inorganica Chimica Acta, 2011, 366, 275-282.	1.2	26
50	Synthesis and characterization of two binuclear iron(III) complexes of aminoethanol derivatives of aminophenol as models for non-heme iron enzymes active sites. Polyhedron, 2011, 30, 1143-1148.	1.0	12
51	Synthesis and characterization of an iron(III) complex of glycine derivative of bis(phenol)amine ligand in relevance to catechol dioxygenase active site. Polyhedron, 2011, 30, 1219-1224.	1.0	29
52	Zinc-mediated allylation of aldoxime esters. Tetrahedron Letters, 2011, 52, 1195-1198.	0.7	11
53	Bidentate Schiff bases derived from (<i>S</i>)- <i>Î</i> [±] -methylbenzylamine as chiral ligands in the electronically controlled asymmetric addition of diethylzinc to aldehydes. Arkivoc, 2011, 2011, 189-204.	0.3	7
54	Synthesis, structure and activity of sulfonamides derived from (+)-camphor in the enantioselective addition of diethylzinc to benzaldehyde. Journal of Molecular Catalysis A, 2010, 326, 128-140.	4.8	4

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55	Structural and electronic effects of oxazolidine ligands derived from (1R,2S)-ephedrine in the asymmetric addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 571-577.	1.8	12
56	Asymmetric synthesis of $\hat{1}^2$ -amino alcohols by the transfer hydrogenation of $\hat{1}^{\pm}$ -keto imines. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2244-2248.	1.8	17
57	Electron-rich salen-type Schiff base complexes of Cu(II) as catalysts for oxidation of cyclooctene and styrene with tert-butylhydroperoxide: A comparison with electron-deficient ones. <i>Inorganic Chemistry Communication</i> , 2010, 13, 203-207.	1.8	71
58	Stereoselective synthesis of new monoterpene $\hat{1}^2$ -amino alcohols. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1487-1492.	1.8	14
59	$\hat{1}^2$ -Tetra-brominated meso-tetraphenylporphyrin: A conformational study and application to the Mn-porphyrin catalyzed epoxidation of olefins with tetrabutylammonium oxone. <i>Polyhedron</i> , 2008, 27, 2285-2290.	1.0	29
60	Oxovanadium(IV) Schiff base complexes derived from 2,2- $\hat{2}$ -dimethylpropandiamine: A homogeneous catalyst for cyclooctene and styrene oxidation. <i>Applied Catalysis A: General</i> , 2008, 346, 65-71.	2.2	83
61	Vanadyl tetradentate Schiff base complexes as catalyst for C-H bond activation of olefins with tert-butylhydroperoxide: Synthesis, characterization and structure. <i>Inorganica Chimica Acta</i> , 2008, 361, 1239-1245.	1.2	54
62	One step preparation of $[(VO(\hat{1}^4-O)L)]_2$: A 2D supramolecular network directed by intermolecular interaction. <i>Inorganica Chimica Acta</i> , 2008, 361, 1530-1533.	1.2	26
63	C2-symmetrical bis(camphorsulfonamides) as chiral ligands for enantioselective addition of diethylzinc to benzaldehyde. <i>Journal of Molecular Catalysis A</i> , 2008, 286, 106-113.	4.8	8
64	1-(1-Benzofuran-2-yl)-2-chloroethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3469-o3469.	0.2	1
65	(+)-N,N- $\hat{2}$ -Bis[(7,7-dimethyl-2-oxobicyclo[2.2.1]heptan-1-yl)methylsulfonyl]piperazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3750-o3751.	0.2	1
66	Less is more: On the effect of benzannulation on solid-state emission of difluoroborates. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	6