

# Multidentate unsymmetrically-substituted Schiff bases Synthesis, functional materials properties, and applicat

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of the Applications of Palladium on Charcoal in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3426-3459.	2.1	83
2	Strategically modified highly selective mitochondria-targeted two-photon fluorescent probe for Au <sup>3+</sup> employing Schiff-base: Inhibited C=N isomerization vs. hydrolysis mechanism. <i>Dyes and Pigments</i> , 2018, 150, 241-251.	2.0	16
3	Stereospecific sp <sup>3</sup> C-H oxidation with m-CPBA: A Co(III) Schiff base complex as pre-catalyst vs. its Co(III)Cd(II) heterometallic derivative. <i>Applied Catalysis A: General</i> , 2018, 560, 171-184.	2.2	23
4	1,3-Bis{[(E)-(9-ethyl-9H-carbazol-3-yl)methylene]amino}propan-2-ol. <i>MolBank</i> , 2018, 2018, M986.	0.2	2
5	Catalytic Oxidation of Benzyl Alcohol Using Nanosized Cu/Ni Schiff-Base Complexes and Their Metal Oxide Nanoparticles. <i>Catalysts</i> , 2018, 8, 452.	1.6	56
6	Rare azido and hydroxido bridged tetranuclear Co(II) complexes of a polynucleating Mannich base ligand with a defect dicubane core: structures, magnetism and phenoxazinone synthase like activity. <i>New Journal of Chemistry</i> , 2018, 42, 19377-19389.	1.4	15
7	Synthesis, structures, electrochemical and quantum chemical investigations of Ni(II) and Cu(II) complexes with a tetradentate Schiff base derived from 1-(2-thienyl)-1,3-butanedione. <i>New Journal of Chemistry</i> , 2018, 42, 19294-19304.	1.4	9
8	Crystal Structure and Fluorescent Properties of Cd(II) Complexes Based on Acylhydrazone ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 675, 75-84.	0.4	1
9	Zinc(II) as a Versatile Template for Efficient Dipolar and Octupolar Second-Order Nonlinear Optical Molecular Materials. <i>Inorganics</i> , 2018, 6, 133.	1.2	30
10	Synthesis and Characterization of VO <sup>2+</sup> , Co <sup>2+</sup> , Ni <sup>2+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> Complexes of a Schiff base ligand derived from ethyl 2-amino-4,5,6,7-tetrahydrothieno[2,3-c]pyridine-3-carboxylate and their Investigation as fungicide Agents. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4581.	1.7	11
11	Synthesis and characterization of a Mn(II) Schiff base complex anchored on modified MCM-41 as a novel and recyclable catalyst for oxidation of olefins. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4593.	1.7	8
12	Homoleptic Co(II), Ni(II), Cu(II), and Zn(II) Complexes Based on 8-Hydroxyquinoline Schiff Base Derivative: a Combined Synthetic, Spectral, Structural, and Magnetic Study. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4720-4730.	1.0	6
13	Synthesis of iron(II) complexes with asymmetric N <sub>2</sub> O <sub>2</sub> coordinating Schiff base-like ligands and their spin crossover properties. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 400-408.	2.3	14
14	Catalytic (ep)oxidation and corrosion inhibition potentials of Cu(I) and Co(II) pyridinylimino phenolate complexes. <i>Polyhedron</i> , 2018, 151, 118-130.	1.0	31
15	Novel Co(II), Ni(II) and Cu(II) complexes involving a 2-thienyl and trifluoromethyl containing symmetrically-substituted tetradentate Schiff-base ligand: Syntheses, structures, electrochemical and computational studies. <i>Polyhedron</i> , 2018, 151, 279-286.	1.0	11
16	An innovative synthesis of MoO <sub>3</sub> /Ag nanocomposite and catalytic application of immobilized molybdenum complex on cellulose extracting from <i>Carthamus tinctorius</i> . <i>Carbohydrate Polymers</i> , 2018, 199, 236-243.	5.1	19
17	Structural Insights and Third Order NLO Studies of Pseudohalide-Based Polymeric and Monomeric Congeners of Halo-Substituted Parent Schiff Bases. <i>ChemistrySelect</i> , 2018, 3, 7031-7044.	0.7	5
18	Synthesis, structural characterization, antimicrobial, antioxidant and DNA binding studies of some novel homo-binuclear Schiff base metal (II) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4404.	1.7	9

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19	First electrospun immobilized molybdenum complex on bio iron oxide nanofiber for green oxidation of alcohols. <i>Polymer</i> , 2018, 149, 229-237.	1.8	13
20	Reaction of Non-Symmetric Schiff Base Metallo-Ligand Complexes Possessing an Oxime Function with Ln Ions. <i>Inorganics</i> , 2018, 6, 33.	1.2	1
21	Ferrocene-appended donor-acceptor Schiff base: Structural, nonlinear optical, aggregation-induced emission and density functional theory studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4522.	1.7	29
22	Synthesis of polar unique 3d metal-imine complexes of salicylidene anthranilate sodium salt. Homogeneous catalytic and corrosion inhibition performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 88, 286-304.	2.7	49
23	Synthesis, characterization and crystal structures of oxidovanadium(V) hydrazone complexes with antibacterial activity. <i>Journal of Coordination Chemistry</i> , 2019, 72, 2351-2361.	0.8	2
24	An Unexpected Trinuclear Cobalt(II) Complex Based on a Half-Salamo-Like Ligand: Synthesis, Crystal Structure, Hirshfeld Surface Analysis, Antimicrobial and Fluorescent Properties. <i>Crystals</i> , 2019, 9, 408.	1.0	10
25	Heteroleptic transition metal complexes of Schiff base-derived ligands exert their antifungal activity by disrupting membrane integrity. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5128.	1.7	9
26	Benzothiazole derived ratiometric fluorescent probe for selective detection of Pd(0) based on Tsuji-Trost reaction. <i>Inorganica Chimica Acta</i> , 2019, 495, 119000.	1.2	13
27	Solvent Dependent Prototropic Tautomerism in a Schiff Base Derived from Vanillin and 2-Aminobenzylalcohol. <i>ChemistrySelect</i> , 2019, 4, 7858-7865.	0.7	3
28	Biological Surveying of Diverse Schiff Base Compounds: Antiproliferative, Antiradical and Enzyme Inhibition Activity. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 302-311.	0.3	4
29	A new type of L-Tertiary leucine-derived ligand: Synthesis and application in Cu(II)-catalyzed asymmetric Henry reactions. <i>Tetrahedron</i> , 2019, 75, 130469.	1.0	2
30	Synthesis and structural characterization of ONO type tridentate ligands and their Co(II) and Ni(II) complexes: Investigation of electrical conductivity and antioxidant properties. <i>Inorganica Chimica Acta</i> , 2019, 495, 119027.	1.2	12
31	A palladium(II) complex with the Schiff base 4-chloro-2-(N-ethyliminomethyl)-phenol: Synthesis, structural characterization, and in vitro and in silico biological activity studies. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110792.	1.5	28
32	A facile synthesis of seven-membered N, O-ligands and their optical properties. <i>Journal of Molecular Structure</i> , 2019, 1197, 714-718.	1.8	4
33	Chiral Cr(III)-salen complex embedded over sulfonic acid functionalized mesoporous SBA-15 material as an efficient catalyst for the asymmetric Henry reaction. <i>Molecular Catalysis</i> , 2019, 475, 110489.	1.0	8
34	Catalytic comparison of various polar Zn(II)-Schiff base complexes and VO(II)-Schiff base complexes in (ep)oxidation processes of 1,2-cyclohexene and cyclohexane. <i>Research on Chemical Intermediates</i> , 2019, 45, 4653-4675.	1.3	29
35	Synthesis of graphene quantum dots stabilized CuNPs and their applications in CuAAC reaction and 4-nitrophenol reduction. <i>Inorganic Chemistry Communication</i> , 2019, 110, 107588.	1.8	12
36	Synthesis of Dendrimer-stabilized Au Nanoparticles and Their Application in the Generation of Hydroxyl Radicals. <i>ChemistrySelect</i> , 2019, 4, 9897-9900.	0.7	5

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37	Tetradentate amido azo Schiff base Cu(II), Ni(II) and Pd(II) complexes: Synthesis, characterization, spectral properties, and applications to catalysis in C–C coupling and oxidation reaction. <i>Polyhedron</i> , 2019, 161, 317-324.	1.0	25
38	Recent Advances in Enantioselective Photochemical Reactions of Stabilized Diazo Compounds. <i>Molecules</i> , 2019, 24, 3191.	1.7	35
39	Crystal structure and nontrivial magnetic properties of CuII binuclear complex based on 4-methyl-2,6-bis{[2-(4,6-dimethyl-pyrimidin-2-yl)hydrazono]methyl}phenol. <i>Mendeleev Communications</i> , 2019, 29, 43-46.	0.6	4
40	Polyethyleneimine Nanofibers Functionalized with Tetradentate Schiff Base Complexes of Dioxomolybdenum(VI) as Efficient Catalysts for Epoxidation of Alkenes. <i>ChemistrySelect</i> , 2019, 4, 919-924.	0.7	4
41	Photooxidation of triarylphosphines under aerobic conditions in the presence of a gold(III) complex on cellulose extracted from <i>Carthamus tinctorius</i> immobilized on nanofibrous phosphosilicate. <i>RSC Advances</i> , 2019, 9, 1509-1516.	1.7	1
42	A series of trinuclear zinc(II) complexes with reduced Schiff base ligands: turn-off fluorescent chemosensors with high selectivity for nitroaromatics. <i>New Journal of Chemistry</i> , 2019, 43, 10093-10102.	1.4	48
43	Synthesis, characterization, DFT calculations and anticancer activity of a new oxidovanadium(IV) complex with a ligand derived from <i>vanillin</i> and thiophene. <i>New Journal of Chemistry</i> , 2019, 43, 11784-11794.	1.4	15
44	Porphyrin-Stabilized Transition Metal Nanoparticles and Their Applications in the Reduction of 4-Nitrophenol and the Generation of Hydroxyl Radicals. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2806-2810.	1.0	9
45	Push-pull unsymmetrical substitution in nickel(II) complexes with tetradentate N <sub>2</sub> O <sub>2</sub> Schiff base ligands: synthesis, structures and linear-nonlinear optical studies. <i>Dalton Transactions</i> , 2019, 48, 11217-11234.	1.6	22
46	Redox-switching of ternary Ni(II) and Cu(II) complexes: synthesis, experimental and theoretical studies along with second-order nonlinear optical properties. <i>New Journal of Chemistry</i> , 2019, 43, 10468-10481.	1.4	12
47	Base-free synthesis of 1,3,5-triazines via aerobic oxidation of alcohols and benzamidine over a recyclable OMS-2 catalyst. <i>Catalysis Communications</i> , 2019, 127, 58-63.	1.6	16
48	endo- versus exo-Cyclic coordination in copper complexes with methylthiazolylcarboxylate tacn derivatives. <i>Dalton Transactions</i> , 2019, 48, 8740-8755.	1.6	7
49	Surfactants as promising media in the field of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 391, 30-43.	9.5	296
50	A Simple Central Seven-Membered BOPYIN: Synthesis, Structural, Spectroscopic Properties, and Cellular Imaging Application. <i>Chemistry - A European Journal</i> , 2019, 25, 9266-9271.	1.7	32
51	From molecular metal complex to metal-organic framework: The CO <sub>2</sub> reduction photocatalysts with clear and tunable structure. <i>Coordination Chemistry Reviews</i> , 2019, 390, 86-126.	9.5	196
52	A study of structural effects on linear and nonlinear response of bicompartamental Ni(II) Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4900.	1.7	8
53	Synthesis and structural characterization of dinuclear Zinc(II) and Europium(III) complexes based on a bis-hydrazone ligand. <i>Journal of Molecular Structure</i> , 2019, 1188, 1-6.	1.8	9
54	High-Spin Mononuclear Iron(III) Complexes with Pentadentate Schiff Base Ligands: Structural Analysis and Magnetic Properties. <i>ChemPlusChem</i> , 2019, 84, 358-367.	1.3	9

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55	A novel 2,5-bis(benzo[d]thiazol-2-yl)phenol scaffold-based ratiometric fluorescent probe for sensing cysteine in aqueous solution and serum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 1-7.	2.0	43
56	Recent developments in penta-, hexa- and heptadentate Schiff base ligands and their metal complexes. <i>Coordination Chemistry Reviews</i> , 2019, 389, 94-118.	9.5	271
57	Task-Specific Ionic Liquids: Design, Properties and Applications. , 2019, , 1-11.		1
58	Tandem reaction strategy of the Passerini/Wittig reaction based on the in situ capture of isocyanides: One-pot synthesis of heterocycles. <i>Tetrahedron</i> , 2019, 75, 2748-2754.	1.0	45
59	Cu(II) and Zn(II) complexes with a poly-functional ligand derived from <i>o</i> -vanillin and thiophene. Crystal structure, physicochemical properties, theoretical studies and cytotoxicity assays against human breast cancer cells. <i>New Journal of Chemistry</i> , 2019, 43, 7120-7129.	1.4	20
60	Synthesis, characterization and cytotoxic activity of diorganotin complexes with Schiff base derived from salicylaldehyde and <i>l</i> -tyrosine. <i>Journal of Coordination Chemistry</i> , 2019, 72, 987-1001.	0.8	5
61	Copper(II) complexes with barbiturate derivatives: Synthesis, characterization and catalytic applications. <i>Polyhedron</i> , 2019, 164, 132-137.	1.0	12
62	SYNTHESIS, MOLLUSCICIDAL AND ANTIMICROBIAL POTENTIALITIES OF IRON TRIAD MONONUCLEAR METAL COMPLEXES INCORPORATING TRIDENTATE ASYMMETRICAL SCHIFF BASE LIGANDS CONTAINING SOFT SULFUR COORDINATING ATOM. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, , 103-113.	0.3	1
63	Solid-State Nonlinear Optical Properties of Mononuclear Copper(II) Complexes with Chiral Tridentate and Tetradentate Schiff Base Ligands. <i>Materials</i> , 2019, 12, 3595.	1.3	19
64	A Cu/Zn heterometallic complex with solvent-binding cavity, catalytic activity for the oxidation of 1-phenylethanol and unusual magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 17780-17791.	1.6	7
65	A Newly Synthesized Heterobimetallic NiII-GdIII Salamo-BDC-Based Coordination Polymer: Structural Characterization, DFT Calculation, Fluorescent and Antibacterial Properties. <i>Crystals</i> , 2019, 9, 596.	1.0	52
66	Biological and catalytic potential of sustainable low and high valent metal-Schiff base sulfonate salicylidene pincer complexes. <i>RSC Advances</i> , 2019, 9, 34311-34329.	1.7	29
67	Synthesis and emissive properties of bi-directed azomethine iron(III) complexes based on salicylidene-4-biphenylcarboxylic acid. <i>Journal of Molecular Structure</i> , 2019, 1176, 529-537.	1.8	5
68	Constructing excellent electromagnetic wave absorber with dielectric-dielectric media based on 3D reduced graphene and Ag(I)-Schiff base coordination compounds. <i>Journal of Alloys and Compounds</i> , 2019, 781, 560-570.	2.8	6
69	Palladium (II) complexes based on bidentate chiral Schiff base and amine ligands derived from ( $\alpha$ )-myrtenal: Synthesis, characterization and catalytic activity in Suzuki reaction. <i>Inorganica Chimica Acta</i> , 2019, 486, 602-607.	1.2	8
70	Syntheses, structures and electrochemical properties of ruthenium(II/III) complexes with tetradentate Schiff base ligands. <i>Journal of Coordination Chemistry</i> , 2019, 72, 480-490.	0.8	4
71	X-ray characterization, spectroscopic, DFT calculations and Hirshfeld surface analysis of two 3-D supramolecular mononuclear zinc(II) and trinuclear copper(II) complexes. <i>Polyhedron</i> , 2019, 158, 102-116.	1.0	58
72	Synthesis and structural characterization of a linkage isomer to a mononuclear Nickel(II) complex: Experimental and computational depiction of phosphoesterase efficiency. <i>Journal of Molecular Structure</i> , 2020, 1200, 127083.	1.8	5

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73	Highly efficient oxidation of alcohols catalyzed by Ru(II) carbonyl complexes bearing salicylaldiminato ligands. <i>Inorganica Chimica Acta</i> , 2020, 500, 119224.	1.2	7
74	Ruthenium(II) complexes with pyridine-based Schiff base ligands: Synthesis, structural characterization and catalytic hydrogenation of ketones. <i>Journal of Molecular Structure</i> , 2020, 1202, 127266.	1.8	26
75	Recent progress in fluorescent probes for detection of carbonyl species: Formaldehyde, carbon monoxide and phosgene. <i>Coordination Chemistry Reviews</i> , 2020, 404, 213109.	9.5	142
76	One-pot synthesis of N-confused porphyrin-dipyrin conjugates and their optical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117661.	2.0	4
77	A series of uranium-organic frameworks: Crucial role of the protonation ability of auxiliary ligands. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107628.	1.8	11
78	Crystal structure, spectroscopic studies, DFT calculations, cyclic voltammetry and biological activity of a copper (II) Schiff base complex. <i>Journal of Molecular Structure</i> , 2020, 1203, 127313.	1.8	31
79	Representation of a photosensitive Schottky barrier diode made with hetero-dinuclear cobalt( $\text{Co}^{\text{II}}$ )/sodium building blocks. <i>New Journal of Chemistry</i> , 2020, 44, 1285-1293.	1.4	34
80	Tuning the excited-state intramolecular proton transfer (ESIPT) process of indole-pyrrole systems by $\pi$ -conjugation and substitution effects: experimental and computational studies. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1409-1415.	1.3	16
81	Synthesis, structural peculiarities, theoretical study and biological evaluation of newly designed O-Vanillin based azomethines. <i>Journal of Molecular Structure</i> , 2020, 1205, 127574.	1.8	9
82	Homo-dinuclear $\text{VO}_2^+$ and $\text{Ni}^{2+}$ -dihydrazone complexes: Synthesis, characterization, catalytic activity and $\text{CO}_2$ -corrosion inhibition under sustainable conditions. <i>Inorganica Chimica Acta</i> , 2020, 499, 119212.	1.2	11
83	Synthesis, DNA/BSA binding studies and <i>in vitro</i> biological assay of nickel(II) complexes incorporating tridentate arylhydrazone and triphenylphosphine ligands. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4977-4996.	2.0	16
84	A Constrained and $\pi$ -Inverted-[3+3] Salphen Macrocyclic with an <i>ortho</i> -Phenylethynyl Substitution Pattern. <i>Chemistry - A European Journal</i> , 2020, 26, 1683-1690.	1.7	8
85	$\pi$ -ESIPT-bis Schiff-base ligands with multicolor emission and their corresponding Eu(III) complexes: Synthesis and properties research. <i>Journal of Luminescence</i> , 2020, 220, 116929.	1.5	10
86	Copper complexes of pyrazolone-based Schiff base ligands: Synthesis, crystal structures and antibacterial properties. <i>Journal of Molecular Structure</i> , 2020, 1205, 127603.	1.8	19
87	Naked diazaborepin dyes: Synthesis, photophysical properties, substituent effects and theoretical calculations on ESIPT process. <i>Dyes and Pigments</i> , 2020, 175, 108128.	2.0	7
88	J-type aggregation and thermochromic behavior of a schiff base in solution: Role of keto-enol tautomerization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117860.	2.0	13
89	Water-soluble Cu(II)-complexes of Schiff base amino acid derivatives as biological reagents and sufficient catalysts for oxidation reactions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 113, 27-45.	2.7	24
90	Two new Schiff-base modified vanadium complexes with third-order NLO properties. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2763-2772.	0.8	0



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91	Highly branched mesomorphic iron(III) complexes with a long alkyl fragments on periphery. <i>Journal of Molecular Liquids</i> , 2020, 320, 114505.	2.3	2
92	Pyridine-based hypercrosslinked polymers as support materials for palladium photocatalysts and their application in Suzuki–Miyaura coupling reactions. <i>New Journal of Chemistry</i> , 2020, 44, 15202-15208.	1.4	20
93	Stober synthesis of salen-formaldehyde resin polymer- and carbon spheres with high nitrogen content and application of the corresponding Mn-containing carbon spheres as efficient electrocatalysts for the oxygen reduction reaction. <i>RSC Advances</i> , 2020, 10, 27575-27584.	1.7	6
94	Asymmetric Schiff base ligand enables synthesis of fluorescent and near-IR emitting lanthanide compounds. <i>Journal of Molecular Structure</i> , 2020, 1219, 129060.	1.8	6
95	Studies on the influence of the nuclearity of zinc( $\text{Zn}^{\text{II}}$ ) hemi-salen complexes on some pivotal biological applications. <i>Dalton Transactions</i> , 2020, 49, 15481-15503.	1.6	32
96	Transition metal(II) complexes featuring push-pull dianionic Schiff base ligands: synthesis, crystal structure, electrochemical, and NLO studies. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3079-3094.	0.8	7
97	Novel H-Bonded Synthons in Copper Supramolecular Frameworks with Aminoethylpiperazine-Based Ligands. <i>Synthesis, Structure and Catalytic Activity. Materials</i> , 2020, 13, 5435.	1.3	8
98	Chiral Oxazolidine Complexes Derived from Phenolic Schiff Bases. <i>Crystal Growth and Design</i> , 2020, 20, 4176-4184.	1.4	5
99	Homo- and Hetero-Oligonuclear Complexes of Platinum Group Metals (PGM) Coordinated by Imine Schiff Base Ligands. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3493.	1.8	25
100	Chiral Versus Non-Chiral $[\text{Mn}^{\text{III}}_6\text{Mn}^{\text{II}}_2\text{Na}_2]$ , $[\text{Mn}^{\text{III}}_6\text{Mn}^{\text{II}}_2\text{Na}_2]$ and $[\text{Mn}^{\text{III}}_3\text{Mn}^{\text{II}}_2\text{Na}_2]$ Clusters Derived from Schiff Bases or the Fight for Symmetry. <i>Chemistry - A European Journal</i> , 2020, 26, 13053-13062.	1.7	2
101	Structural and chromotropism properties of copper(II) complexes containing a tridentate ligand. <i>Chemical Papers</i> , 2020, 74, 4075-4087.	1.0	4
102	Palladium( $\text{Pd}^{\text{II}}$ ) complexes of tetradentate donor–acceptor Schiff base ligands: synthesis and spectral, structural, thermal and NLO properties. <i>New Journal of Chemistry</i> , 2020, 44, 9190-9201.	1.4	14
103	Ring-Opening Copolymerization of Cyclohexene Oxide and Succinic Anhydride by Zinc and Magnesium Schiff-Base Complexes Containing Alkoxy Side Arms. <i>Inorganic Chemistry</i> , 2020, 59, 8983-8994.	1.9	14
104	Synthesis, characterization and preliminary in vitro trypanocidal activity of N-arylfluorinated hydroxylated-Schiff bases. <i>Journal of Molecular Structure</i> , 2020, 1218, 128520.	1.8	4
105	Synthesis, Characterization, and In Vitro Cytotoxicity of Platinum(II) Complexes Bearing Chiral Tetradentate Salicylaldimine Ligands. <i>Journal of Chemistry</i> , 2020, 2020, 1-10.	0.9	2
106	Synthesis, structural characterization, and properties of triorganotin complexes of Schiff base derived from 3-aminobenzoic acid and salicylaldehyde or 2,4-pentanedione. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5790.	1.7	11
107	Synthesis of an electrically conductive square planar copper( $\text{Cu}^{\text{II}}$ ) complex and its utilization in the fabrication of a photosensitive Schottky diode device and DFT study. <i>New Journal of Chemistry</i> , 2020, 44, 11622-11630.	1.4	14
108	Hybrid organic–inorganic $\text{Cu}(\text{II})$ iminoisonicotinate@ $\text{TiO}_2$ @ $\text{Fe}_3\text{O}_4$ heterostructure as efficient catalyst for cross-couplings. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4632-4653.	1.9	19

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109	Synthesis, characterization, X-ray crystal structures, and antibacterial property of oxidovanadium(V) complexes with halide-containing hydrazones. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 903-907.	0.9	1
110	A comparison of the catalytic efficiency of copper-based bimetallic nanoparticles in the click reactions. <i>Journal of Chemical Research</i> , 2020, 44, 566-570.	0.6	1
111	Catalytic evaluation of copper (II) $\beta$ -salicylidene- $\alpha$ -amino acid Schiff base in the various catalytic processes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5598.	1.7	29
112	Rare earth Ce- and Nd-doped spinel nickel ferrites as effective heterogeneous catalysts in the (ep)oxidation of alkenes. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3237-3250.	1.2	5
113	Substituent Effect Induces Emission Modulation of Stilbene Photoswitches by Spatial Tuning of the N/B Electronic Constraints. <i>Organic Letters</i> , 2020, 22, 5758-5762.	2.4	16
114	Schiff Bases and Their Metallic Derivatives: Highly Versatile Molecules with Biological and Abiological Perspective. , 2020, , .		3
115	A Self-Assembled Hetero-Bimetallic [Ni(II)-Sm(III)] Coordination Polymer Constructed from a Salamo-Like Ligand and 4,4'-Bipyridine: Synthesis, Structural Characterization, and Properties. <i>Crystals</i> , 2020, 10, 579.	1.0	0
116	Two donor-acceptor (D-A) type Zn complexes as fluorescent probes for highly selective detection of iodide. <i>CrystEngComm</i> , 2020, 22, 2103-2109.	1.3	10
117	Synthesis, structural characterization, and antibacterial activity of diorganotin complexes of Schiff base derived from 4-(diethylamino)salicylaldehyde and L-tyrosine. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 872-879.	0.9	9
118	Crystal structure of bis(2-hydroxy-6-((phenylimino)methyl)phenolato- $\eta^2$ ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 38 <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 689-692.	0.1	7
119	Easy coordinate geometry indexes, $\bar{I}_4$ and $\bar{I}_5$ and HSA study for unsymmetrical Pd(II), Fe(II), Zn(II), Mn(II), Cu(II) and VO(IV) complexes of a tetradentate ligand: Synthesis, characterization, properties, and antioxidant activities. <i>Inorganica Chimica Acta</i> , 2020, 505, 119434.	1.2	26
120	New $\alpha$ -pot-Pd(II) and Zn(II) complexes of Schiff bases, derivatives of 1-amino-1-deoxy-d $\alpha$ -sorbitol: Spectroscopic studies and biological and catalytic activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5485.	1.7	3
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122	Synthesis, protonation constants and biological activity determination of amino acid $\beta$ -salicylaldehyde-derived Schiff bases. <i>Amino Acids</i> , 2020, 52, 397-407.	1.2	13
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147	Green synthesis of a vanadium(V) Schiff base complex by grinding method: study on its catalytic and anti-bacterial activity. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2055-2068.	0.8	9
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