

Hadi Amiri Rudbari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and crystal structure determination of a new oxovanadium(IV) Schiff base complex: The catalytic activity in the epoxidation of cyclooctene. <i>Inorganic Chemistry Communication</i> , 2012, 18, 15-20.	3.9	106
2	A mononuclear Cu(II) complex with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine: Synthesis, crystal structure, DNA- and BSA-binding, molecular modeling, and anticancer activity against MCF-7, A-549, and HT-29 cell lines. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 66-82.	5.5	81
3	Studies on DNA binding properties of new Schiff base ligands using spectroscopic, electrochemical and computational methods: Influence of substitutions on DNA-binding. <i>Journal of Molecular Liquids</i> , 2018, 253, 61-71.	4.9	78
4	Cobalt(III), copper(II), zinc(II) and palladium(II) Schiff base complexes: Synthesis, characterization and catalytic performance in selective oxidation of sulfides using hydrogen peroxide under solvent-free conditions. <i>Polyhedron</i> , 2015, 95, 1-13.	2.2	75
5	Mono- and dioxido-vanadium(V) complexes of a tridentate ONO Schiff base ligand: Synthesis, spectral characterization, X-ray crystal structure, and anticancer activity. <i>Polyhedron</i> , 2015, 93, 99-105.	2.2	72
6	Copper Immobilized on Nanosilica Triazine Dendrimer (Cu(II)-TD@nSiO ₂)-Catalyzed Regioselective Synthesis of 1,4-Disubstituted 1,2,3-Triazoles and Bis- and Tris-Triazoles via a One-Pot Multicomponent Click Reaction. <i>Journal of Organic Chemistry</i> , 2014, 79, 1437-1443.	3.2	70
7	The piroxicam complex of cobalt(II): Synthesis in two different ionic liquids, structure, DNA- and BSA interaction and molecular modeling. <i>Inorganica Chimica Acta</i> , 2014, 409, 379-389.	2.4	66
8	Synthesis, characterization and biological application of four novel metal-Schiff base complexes derived from allylamine and their interactions with human serum albumin: Experimental, molecular docking and ONIOM computational study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 448-462.	3.8	62
9	Synthesis, characterization, crystal structures, Hirshfeld surface analysis, DFT computational studies and catalytic activity of novel oxovanadium and dioxomolybdenum complexes with ONO tridentate Schiff base ligand. <i>Polyhedron</i> , 2021, 202, 115194.	2.2	62
10	Novel oxovanadium and dioxomolybdenum complexes of tridentate ONO-donor Schiff base ligand: Synthesis, characterization, crystal structures, Hirshfeld surface analysis, DFT computational studies and catalytic activity for the selective oxidation of benzylic alcohols. <i>Inorganica Chimica Acta</i> , 2021, 523, 120414.	2.4	56
11	New perspective to Keplerate polyoxomolybdates: Green oxidation of sulfides with hydrogen peroxide in water. <i>Catalysis Communications</i> , 2015, 66, 107-110.	3.3	53
12	Synthesis, characterization, crystal structure, DNA- and HSA-binding studies of a dinuclear Schiff base Zn(II) complex derived from 2-hydroxynaphthaldehyde and 2-picolyamine. <i>Journal of Molecular Structure</i> , 2015, 1096, 110-120.	3.6	51
13	Mononuclear and dinuclear salen type copper(II) Schiff base complexes: Synthesis, characterization, crystal structures and catalytic epoxidation of cyclooctene. <i>Inorganica Chimica Acta</i> , 2014, 414, 78-84.	2.4	50
14	Synthesis, characterization and X-ray crystal structures of Vanadium(IV), Cobalt(III), Copper(II) and Zinc(II) complexes derived from an asymmetric bidentate Schiff-base ligand at ambient temperature. <i>Journal of Molecular Structure</i> , 2015, 1081, 494-505.	3.6	50
15	Synthesis, characterization, X-ray crystal structures and antibacterial activities of Schiff base ligands derived from allylamine and their vanadium(IV), cobalt(III), nickel(II), copper(II), zinc(II) and palladium(II) complexes. <i>Journal of Molecular Structure</i> , 2016, 1125, 113-120.	3.6	46
16	Crystal structures and catalytic performance of three new methoxy substituted salen type nickel(II) Schiff base complexes derived from meso-1,2-diphenyl-1,2-ethylenediamine. <i>Journal of Molecular Structure</i> , 2014, 1063, 1-7.	3.6	44
17	Experimental and molecular modeling studies of the interaction of the polypyridyl Fe(II) and Fe(III) complexes with DNA and BSA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 502-516.	3.9	43
18	Ultrasound-assisted synthesis of metal-organic framework nanorods of Zn-HKUST-1 and their templating effects for facile fabrication of zinc oxide nanorods via solid-state transformation. <i>Inorganic Chemistry Communication</i> , 2015, 59, 41-45.	3.9	42

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19	Silver(I) complex with a Schiff base ligand extended waterborne polyurethane: A developed strategy to obtain a highly stable antibacterial dispersion impregnated with in situ formed silver nanoparticles. <i>Chemical Engineering Journal</i> , 2020, 381, 122776.	12.7	42
20	Synthesis of two new N2O4 macroacyclic Schiff base ligands and their mononuclear complexes: Spectral, X-ray crystal structural, antibacterial and DNA cleavage activity. <i>Polyhedron</i> , 2015, 97, 75-82.	2.2	37
21	Synthesis, characterization, crystal structure and HSA binding of two new N,O,O-donor Schiff-base ligands derived from dihydroxybenzaldehyde and tert-butylamine. <i>Journal of Molecular Structure</i> , 2016, 1119, 373-384.	3.6	37
22	Synthesis and characterization of insoluble cobalt(II), nickel(II), zinc(II) and palladium(II) Schiff base complexes: Heterogeneous catalysts for oxidation of sulfides with hydrogen peroxide. <i>Comptes Rendus Chimie</i> , 2016, 19, 347-356.	0.5	36
23	Experimental and molecular modeling studies on the interaction of the Ru(II)-piroxicam with DNA and BSA. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 577-590.	5.5	35
24	Binuclear organotin(IV) complexes with adipic dihydrazones: Synthesis, spectral characterization, crystal structures and antibacterial activity. <i>Journal of Organometallic Chemistry</i> , 2013, 737, 26-31.	1.8	35
25	Synthesis, spectral characterization, crystal structure and antibacterial studies of diorganotin(IV) complexes with isonicotinoyl hydrazone derivatives. <i>Polyhedron</i> , 2014, 79, 88-96.	2.2	35
26	Synthesis and characterization of new Mn(II) and Cd(II) Schiff base complexes containing homopiperazine moiety: Spectral, X-ray crystal structural and theoretical studies. <i>Inorganica Chimica Acta</i> , 2016, 440, 139-147.	2.4	35
27	DNA and HSA interaction of Vanadium (IV), Copper (II), and Zinc (II) complexes derived from an asymmetric bidentate Schiff-base ligand: multi spectroscopic, viscosity measurements, molecular docking, and ONIOM studies. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 181-192.	2.6	34
28	Characterization, photocleavage, molecular modeling, and DNA- and BSA-binding studies of Cu(II) and Ni(II) complexes with the non-steroidal anti-inflammatory drug meloxicam. <i>Inorganica Chimica Acta</i> , 2014, 423, 256-272.	2.4	33
29	Combined experimental and theoretical studies on the X-ray crystal structure, FT-IR, ¹ H NMR, ¹³ C NMR, UV-Vis spectra, NLO behavior and antimicrobial activity of 2-hydroxyacetophenone benzoylhydrazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 548-555.	3.9	33
30	Synthesis, characterization, X-ray crystal structure, DFT calculation and antibacterial activities of new vanadium(IV, V) complexes containing chelidamic acid and novel thiourea derivatives. <i>Journal of Inorganic Biochemistry</i> , 2015, 147, 54-64.	3.5	33
31	Self-recognition of the racemic ligand in the formation of homochiral dinuclear V(V) complex: In vitro anticancer activity, DNA and HSA interaction. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 230-240.	5.5	33
32	Chiral halogenated Schiff base compounds: green synthesis, anticancer activity and DNA-binding study. <i>Journal of Molecular Structure</i> , 2018, 1161, 497-511.	3.6	33
33	A rare dihydroxo copper(II) complex with ciprofloxacin; a combined experimental and ONIOM computational study of the interaction of the complex with DNA and BSA. <i>RSC Advances</i> , 2014, 4, 35390.	3.6	32
34	Syntheses, characterizations, crystal structures, and biological activities of two new mixed ligand Ni(II) and Cu(II) Schiff base complexes. <i>Journal of Coordination Chemistry</i> , 2015, 68, 632-649.	2.2	31
35	Polypyridyl Ni(II) complex, [Ni(tppz) ₂] ²⁺ : Structure, DNA- and BSA binding and molecular modeling. <i>Polyhedron</i> , 2013, 65, 16-30.	2.2	30
36	Synthesis, spectroscopy, DFT and crystal structure investigations of 3-methoxy-2-hydroxybenzaldehyde S-ethylisothiosemicarbazone and its Ni(II) and Mo(VI) complexes. <i>Polyhedron</i> , 2013, 55, 225-232.	2.2	30

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37	Synthesis, characterization and separation of chiral and achiral diastereomers of Schiff base Pd(II) complex: A comparative study of their DNA- and HSA-binding. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 246-260.	3.8	30
38	A new oxovanadium(IV) complex containing an O,N-bidentate Schiff base ligand: Synthesis at ambient temperature, characterization, crystal structure and catalytic performance in selective oxidation of sulfides to sulfones using H ₂ O ₂ under solvent-free conditions. <i>Journal of Molecular Structure</i> , 2016, 1103, 94-102.	3.6	30
39	Synthesis, spectral characterization, crystal structures, biological activities, theoretical calculations and substitution effect of salicylidene ligand on the nature of mono and dinuclear Zn(II) Schiff base complexes. <i>Polyhedron</i> , 2022, 213, 115636.	2.2	30
40	New asymmetric Schiff base ligand derived from allylamine and 2,3-dihydroxybenzaldehyde and its molybdenum(VI) complex: Synthesis, characterization, crystal structures, computational studies and antibacterial activity together with synergistic effect against <i>Pseudomonas aeruginosa</i> PTTC 1570. <i>Polyhedron</i> , 2015, 100, 180-191.	2.2	29
41	Regioselective Green Electrochemical Approach to the Synthesis of Nitroacetaminophen Derivatives. <i>Organic Letters</i> , 2015, 17, 4666-4669.	4.6	29
42	Antiproliferative Activities of Diimine-Based Mixed Ligand Copper(II) Complexes. <i>ACS Combinatorial Science</i> , 2020, 22, 89-99.	3.8	29
43	Copper(II) and molybdenum(VI) complexes with 5-bromosalicylaldehyde <i>S</i>-allylisothiosemicarbazone: Syntheses, characterizations and crystal structures. <i>Journal of Coordination Chemistry</i> , 2013, 66, 345-357.	2.2	28
44	Copper(II) complexes with tridentate halogen-substituted Schiff base ligands: synthesis, crystal structures and investigating the effect of halogenation, leaving groups and ligand flexibility on antiproliferative activities. <i>Dalton Transactions</i> , 2021, 50, 3990-4007.	3.3	28
45	Synthesis and solvatochromism studies of new mixed-chelate dinuclear copper(II) complexes with different counter ions. <i>Inorganica Chimica Acta</i> , 2011, 366, 290-297.	2.4	27
46	Crystal structures, DFT calculations and Hirshfeld surface analyses of three new cobalt(III) Schiff base complexes derived from meso-1,2-diphenyl-1,2-ethylenediamine. <i>Journal of Molecular Structure</i> , 2016, 1122, 123-133.	3.6	27
47	Synthesis, characterization, crystal structure and DNA, HSA-binding studies of four Schiff base complexes derived from salicylaldehyde and isopropylamine. <i>Inorganica Chimica Acta</i> , 2017, 466, 48-60.	2.4	27
48	Oxovanadium and dioxomolybdenum complexes: synthesis, crystal structure, spectroscopic characterization and applications as homogeneous catalysts in sulfoxidation. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1563-1583.	2.2	27
49	Structural Investigation and Preparation of 14-alkyl-14H-dibenzo[a,j]xanthenes revised. <i>Journal of the Korean Chemical Society</i> , 2002, 46, 541-544.	0.2	27
50	Zn(II) complexes containing O,N,N,O-donor Schiff base ligands: synthesis, crystal structures, spectral investigations, biological activities, theoretical calculations and substitution effect on structures. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2720-2740.	2.2	27
51	Synthesis and characterization of two new fluorescent macrocycles: A novel fluorescent chemosensor for zinc ion. <i>Journal of Luminescence</i> , 2012, 132, 1860-1866.	3.1	26
52	Cobalt(III) Schiff base complexes derived from mesostilbenediamine: Synthesis, characterization, crystal structure, electrochemistry and antibacterial studies. <i>Inorganica Chimica Acta</i> , 2013, 395, 81-88.	2.4	26
53	Mono- and polynuclear copper(II) complexes based on 2,4,6-tris(2-pyridyl)-1,3,5-triazine and its hydrolyzed form. <i>Inorganica Chimica Acta</i> , 2014, 416, 109-121.	2.4	26
54	A mixed-ligand ternary complex of nickel(II): synthesis, characterization and catalytic investigation for the synthesis of pyranopyrazoles. <i>Transition Metal Chemistry</i> , 2015, 40, 39-45.	1.4	26

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55	Tetradentate N ₂ O ₂ type Nickel(II) Schiff base complexes derived from <i>meso</i> -1,2-diphenyle-1,2-ethylenediamine: synthesis, characterization, crystal structures, electrochemistry, and catalytic studies. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4255-4267.	2.2	25
56	Copper immobilized on nano-silica triazine dendrimer (Cu(II)-TD@nSiO ₂) catalyzed synthesis of symmetrical and unsymmetrical 1,3-diynes under aerobic conditions at ambient temperature. <i>RSC Advances</i> , 2014, 4, 14291-14296.	3.6	25
57	Comparison between various Keggin and Wells-Dawson sandwich type polyoxometalates in catalytic oxidation of cyclooctene and cyclohexene with hydrogen peroxide. <i>Applied Organometallic Chemistry</i> , 2015, 29, 7-11.	3.5	24
58	Studies of DNA- and HSA-binding properties of new nano-scale green synthesized Ni (II) complex as anticancer agent using spectroscopic methods, viscosity measurement, molecular docking, MD simulation and QM/MM. <i>Journal of Molecular Liquids</i> , 2017, 248, 24-35.	4.9	24
59	Coordination chemistry of some new Mn(II), Cd(II) and Zn(II) macrocyclic Schiff base complexes containing a homopiperazine head unit. Spectral, X-ray crystal structural, theoretical studies and anticancer activity. <i>Inorganica Chimica Acta</i> , 2019, 490, 294-302.	2.4	24
60	New diorganotin(IV) complexes with 3-(2-hydroxy-5-methylphenylamino)-1,3-diphenylprop-2-en-1-one: Synthesis, spectroscopic characterization, structural studies and antibacterial activity. <i>Journal of Molecular Structure</i> , 2012, 1026, 44-50.	3.6	23
61	Synthesis, characterization, crystal structure determination and computational study of the two new bidentate O, N Schiff bases derived from bromosalicylaldehyde and amines containing alkyl halide pendant groups. <i>Journal of Molecular Structure</i> , 2013, 1054-1055, 100-106.	3.6	23
62	Synthesis, characterization, X-ray structure and DFT calculation of two Mo(VI) and Ni(II) Schiff-base complexes. <i>Comptes Rendus Chimie</i> , 2014, 17, 1144-1153.	0.5	23
63	Synthesis, X-ray studies, electrochemical properties, evaluation as in vitro cytotoxic and antibacterial agents of two antimony(III) complexes with dipicolinic acid. <i>Polyhedron</i> , 2019, 159, 239-250.	2.2	23
64	Syntheses and characterization of mixed-chelate copper(II) complexes containing different counter ions; spectroscopic studies on solvatochromic properties. <i>Polyhedron</i> , 2011, 30, 1027-1034.	2.2	22
65	A new iron(III) complex of glycine derivative of amine-chloro substituted phenol ligand: Synthesis, characterization and catechol dioxygenase activity. <i>Journal of Molecular Structure</i> , 2012, 1029, 60-67.	3.6	22
66	Complexes with <i>cis</i> -MoO ₂ unit of new isothiosemicarbazone. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3403-3412.	2.2	22
67	Palladium Nanoparticles Immobilized on Nanosilica Triazine Dendritic Polymer (Pd np -nSTDP) as Catalyst in the Synthesis of Mono-, Di-, and Trisulfides through C-S Cross-Coupling Reactions. <i>Synlett</i> , 2014, 25, 645-652.	1.8	22
68	A comparative study on Keggin and Wells-Dawson sandwich type polyoxometallates in the oxidation of alcohols with 30% hydrogen peroxide. <i>Polyhedron</i> , 2014, 76, 102-107.	2.2	22
69	New oxovanadium and dioxomolybdenum complexes as catalysts for sulfoxidation: experimental and theoretical investigations of E and Z isomers of ONO tridentate Schiff base ligand. <i>Journal of Sulfur Chemistry</i> , 2022, 43, 22-36.	2.0	22
70	How the two factors of concentration and ultrasonic wave power affect on formation of kinetically or thermodynamically stable lead(II) complex nano-structures. <i>Inorganica Chimica Acta</i> , 2014, 423, 101-105.	2.4	21
71	Catalytic performance of Keplerate polyoxomolybdates in green epoxidation of alkenes with hydrogen peroxide. <i>RSC Advances</i> , 2015, 5, 70424-70428.	3.6	21
72	Diastereoselective Synthesis of Symmetrical and Unsymmetrical Tetrahydropyridines Catalyzed by Bi(III) Immobilized on Triazine Dendrimer Stabilized Magnetic Nanoparticles. <i>ACS Combinatorial Science</i> , 2017, 19, 356-364.	3.8	21

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73	Computational and experimental study on the electrocatalytic reduction of CO ₂ to CO by a new mononuclear ruthenium(II) complex. Dalton Transactions, 2014, 43, 11317.	3.3	19
74	Naphthothiazole-based highly selective and sensitive fluorescent and colorimetric chemosensor for detection of pollutant metal ions. RSC Advances, 2016, 6, 34940-34945.	3.6	19
75	Nickel(II) complex with an asymmetric tetradentate Schiff base ligand: synthesis, characterization, crystal structure, and DFT studies. Journal of Coordination Chemistry, 2018, 71, 3748-3762.	2.2	19
76	Investigation of crystallographic structure, in vitro cytotoxicity and DNA interaction of two La(III) and Ce(IV) complexes containing dipicolinic acid and 4-dimethylaminopyridine. Polyhedron, 2019, 163, 20-32.	2.2	19
77	Evaluation of two novel macrocycles containing pyridine-2,6-dicarboxamide unit as cationic fluorescent sensor. Polyhedron, 2020, 176, 114292.	2.2	19
78	Syntheses and structural characterization of iron(II) and copper(II) coordination compounds with the neutral flexible bidentate N-donor ligands. Journal of Molecular Structure, 2014, 1071, 18-22.	3.6	18
79	Preparation, X-ray structure, spectral analysis, DFT calculation and thermal study on palladium(II) coordination compound with Schiff base derived from S-allyldithiocarbamate. Inorganica Chimica Acta, 2016, 447, 52-58.	2.4	18
80	Microwave-assisted, regioselective one-pot synthesis of quinolines and bis-quinolines catalyzed by Bi(III) immobilized on triazine dendrimer stabilized magnetic nanoparticles. Tetrahedron Letters, 2017, 58, 71-74.	1.4	18
81	Syntheses and structural characterization of iron(II) coordination polymers with flexible 1,4-bis(imidazol-1-ylmethyl)benzene ligand. Inorganica Chimica Acta, 2013, 408, 214-221.	2.4	17
82	Dinuclear organotin(IV) complexes with bis-acyl-hydrazones containing flexible linker: Synthesis, spectroscopic investigation and crystal structure of dimethyl- and diphenyltin(IV) complexes with succinic dihydrazones. Journal of Organometallic Chemistry, 2014, 754, 26-31.	1.8	17
83	Synthesis, characterization, crystal structure determination, computational study, and thermal	3.6	17
84	A novel dinuclear schiff base copper complex as an efficient and cost effective catalyst for oxidation of alcohol: Synthesis, crystal structure and theoretical studies. Journal of Chemical Sciences, 2015, 127, 1321-1328.	1.5	17
85	Development of an unexpected reaction pathway for the synthesis of 1,2,4-trisubstituted pyrrolo[1,2-a]quinoxalines through palladium-catalyzed cascade reactions. Tetrahedron, 2017, 73, 1633-1639.	1.9	17
86	Heterogeneous oxidation of alcohols with hydrogen peroxide catalyzed by polyoxometalate metal-organic framework. Journal of the Iranian Chemical Society, 2016, 13, 1463-1470.	2.2	16
87	An experimental and quantum chemical study on the non-covalent interactions of a cyclometallated Rh(III) complex with DNA and BSA. RSC Advances, 2016, 6, 23913-23929.	3.6	16
88	Solid-state to solution helicity inversion of pseudotetrahedral chiral copper(II) complexes with 2,4-dihalo-salicylaldehyde ligands. Dalton Transactions, 2020, 49, 8247-8264.	3.3	16
89	A multiprotic ditopic thiocarbonylhydrazone ligand in the formation of mono- and di-nuclear organotin(IV) complexes: Crystal structure, antibacterial activity and DNA cleavage. Journal of Organometallic Chemistry, 2016, 825-826, 25-32.	1.8	16
90	Unique examples of copper(II)/sodium(I) and nickel(II)/sodium(I) Schiff base complexes with bridging bis-bidentate Salen type ligand: Synthesis, crystal structures and antibacterial studies. Inorganica Chimica Acta, 2016, 445, 124-128.	2.4	15

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91	Anticancer study of heterobimetallic platinum(II)-ruthenium(II) and platinum(II)-rhodium(III) complexes with bridging dithiooxamide ligand. Journal of Organometallic Chemistry, 2019, 900, 120918.	1.8	15
92	Synthesis, X-ray crystal structure, thermal behavior and evaluation as an <i>in vitro</i> cytotoxic agent of a tin(IV) complex containing dipicolinic acid. Journal of Coordination Chemistry, 2020, 73, 2347-2362.	2.2	15
93	Synthesis, spectral and structural investigations, theoretical studies, and antibacterial activity of 4-(2-hydroxynaphthalen-3-ylamino)pent-3-en-2-one and its diphenyltin(IV) complex. Journal of Coordination Chemistry, 2012, 65, 1712-1723.	2.2	14
94	Dinuclear copper(II) complexes with tetraacetylpropane bridge; synthesis and solvatochromism study. Journal of Coordination Chemistry, 2013, 66, 2250-2263.	2.2	14
95	Structural variability in Cu(I) and Ag(I) coordination polymers with a flexible dithione ligand: Synthesis, crystal structure, microbiological and theoretical studies. Journal of Solid State Chemistry, 2017, 249, 70-79.	2.9	14
96	Multi experimental and computational studies for DNA and HSA interaction of new nano-scale ultrasound-assisted synthesized Pd(II) complex as a potent anticancer drug. Journal of Molecular Liquids, 2018, 264, 386-397.	4.9	14
97	Synthesis of novel naphtho[1,2-e][1,3]oxazines bearing an arylsulfonamide moiety and their anticancer and antifungal activity evaluations. Arabian Journal of Chemistry, 2020, 13, 1271-1282.	4.9	14
98	The Absolute Configuration of Palladium(II) and Ruthenium(II) Pseudochiral Centers in either Chiral or Achiral Environments. Inorganic Chemistry, 2010, 49, 9236-9246.	4.0	13
99	Urease inhibitory activities of ZnBr ₂ and ZnI ₂ complexes of terpyridine derivatives: Systematic investigation of aryl substituents on urease inhibitory activities. Polyhedron, 2012, 45, 9-14.	2.2	13
100	Sandwich-type polyoxometalates of the later lanthanide ions. Syntheses and structures of [(A-XW ₉ O ₃₄) ₂ (H ₂ OM) ₃ CO ₃] ¹¹⁻ (X=As ⁵⁺ , Sb ⁵⁺ , Bi ⁵⁺ , Dy ³⁺ , Er ³⁺). Journal of Coordination Chemistry, 2013, 66, 1374-1383.	2.2	13
101	Bis- and tris(2,3-dihydro-4a,12b-(epoxyethanoxy)[1,4]dioxino[2,3-f][1,10]phenanthroline) complexes of Ru(II): Synthesis, structure and DNA binding properties. Journal of Molecular Structure, 2013, 1040, 98-111.	3.6	13
102	Three new [X ₂ C(O)NH]P(O)[N(CH ₂ C ₆ H ₅) ₂] ₂ phosphoric triamides (X=CClF ₂ , 3-F-C ₆ H ₄ and Tj ETQqO O rgBT /Overlock 10 Tf 50 302 Td (3,5-F₃S₂C₆H₃O₂). Journal of Coordination Chemistry, 2013, 66, 1374-1383.	0.4	12
103	compounds with a C(O)NHP(O)[N] ₂ core. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o399-o404.	2.2	12
104	Synthesis, characterization and crystal structures of HgII complexes with asymmetric ortho-functionalized 1,3-bis(aryl)triazene ligands. Polyhedron, 2012, 44, 138-142.	2.2	12
105	Synthesis and crystal structures of the first cadmium complexes of 3,5,6-tris(2-pyridyl)-1,2,4-triazine ligand. Journal of Molecular Structure, 2013, 1036, 71-77.	3.6	12
106	Syntheses of mixed chelate copper(II) complexes containing β^2 -ketoamino and diamine ligands: Solvatochromism study. Inorganica Chimica Acta, 2013, 394, 1-9.	2.4	12
107	Synthesis, Spectroscopy, and Magnetic Characterization of Copper(II) and Cobalt(II) Complexes with 2-Amino-5-bromopyridine as Ligand. ISRN Inorganic Chemistry, 2013, 2013, 1-7.	0.2	12
108	First stable nitrate-encapsulated sandwich type polyoxometalate: Synthesis, structural characterization, and catalytic performance. Inorganic Chemistry Communication, 2014, 43, 39-44.	3.9	12
109	Green oxidation of alcohols with hydrogen peroxide catalyzed by a tetra-cobalt polyoxometalate in water. Journal of the Iranian Chemical Society, 2015, 12, 1207-1212.	2.2	12

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109	Chirality at octahedral centres determined by tetradentate Schiff base ligands. <i>Comptes Rendus Chimie</i> , 2015, 18, 391-398.	0.5	12
110	Synthesis, structural characterization, antibacterial activity and computational studies of new cobalt (II) complexes with 1,1,3,3-tetrakis (3,5-dimethyl-1-pyrazolyl)propane ligand. <i>Journal of Molecular Structure</i> , 2016, 1123, 225-237.	3.6	12
111	Sonochemical synthesis of a new nano-scale 1D copper organic coordination polymer; thermal and spectroscopic characterizations. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 227-236.	2.2	12
112	A quinoxaline-based porous organic polymer containing copper nanoparticles CuNPs@Q-POP as a robust nanocatalyst toward C–N coupling reaction. <i>RSC Advances</i> , 2021, 11, 3655-3665.	3.6	12
113	Investigation of the influence of chirality and halogen atoms on the anticancer activity of enantiopure palladium(II) complexes derived from chiral amino-alcohol Schiff bases and 2-picolylamine. <i>New Journal of Chemistry</i> , 2022, 46, 6470-6483.	2.8	12
114	1-D and 2-D coordination polymers of lead(II) thiocyanate with substituted 2,2'-bipyridine ligand. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1872-1881.	2.2	11
115	Investigating the effect of flexible ligands on the crystal engineering of the iron(II) coordination compounds. <i>Journal of Molecular Structure</i> , 2013, 1051, 244-249.	3.6	11
116	Synthesis, characterization, crystal structure and antibacterial studies of some new heptadentate manganese(II), cadmium(II) and zinc(II) macrocyclic Schiff base complexes with two 2-pyridylmethyl pendant arms. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 101-109.	2.2	11
117	A comparison of solution and solid state coordination environments for calcium(II), zirconium(IV), cadmium(II) and mercury(II) complexes with dipicolinic acid and methylimidazole derivatives. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3982-4002.	2.2	11
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