

Ennio Zangrando

List of Publications by Year in descending order

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papers

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81743

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#	ARTICLE	IF	CITATIONS
1	Bis-Chelated Palladium(II) Complexes with Nitrogen-Donor Chelating Ligands Are Efficient Catalyst Precursors for the CO/Styrene Copolymerization Reaction. <i>Organometallics</i> , 1997, 16, 5064-5075.	1.1	209
2	A Three-Dimensional Homometallic Molecular Ferrimagnet. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1561-1563.	7.2	197
3	Catechol Oxidase Activity of a Series of New Dinuclear Copper(II) Complexes with 3,5-DTBC and TCC as Substrates: Syntheses, X-ray Crystal Structures, Spectroscopic Characterization of the Adducts and Kinetic Studies. <i>Inorganic Chemistry</i> , 2008, 47, 7083-7093.	1.9	176
4	Structural Analyses and Magnetic Properties of 3D Coordination Polymeric Networks of Nickel(II) Maleate and Manganese(II) Adipate with the Flexible 1,2-Bis(4-pyridyl)ethane Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 2695-2703.	1.9	160
5	Self-Assembled Pd(II) Barrels as Containers for Transient Merocyanine Form and Reverse Thermochromism of Spiropyran. <i>Journal of the American Chemical Society</i> , 2018, 140, 7952-7960.	6.6	134
6	Mono- and dinuclear manganese(III) complexes showing efficient catechol oxidase activity: syntheses, characterization and spectroscopic studies. <i>Dalton Transactions</i> , 2009, , 8755.	1.6	115
7	A novel class of interpenetrated 3-D network of a dimeric cupric-tetracarboxylate unit. <i>Dalton Transactions RSC</i> , 2002, , 822.	2.3	110
8	Syntheses, Crystal Structures, and Magnetic Properties of [LnIII2(Succinate)3(H2O)2]·0.5H2O [Ln = Pr, Nd, Sm, Eu, Gd, and Dy] Polymeric Networks: An Unusual Ferromagnetic Coupling in Gd Derivative. <i>Inorganic Chemistry</i> , 2006, 45, 9114-9122.	1.9	107
9	Radical Pathway in Catecholase Activity with Zinc-Based Model Complexes of Compartmental Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 8750-8759.	1.9	105
10	Unusual Behavior of Donor-Acceptor Stenhouse Adducts in Confined Space of a Water-Soluble Pd(II) Molecular Vessel. <i>Journal of the American Chemical Society</i> , 2019, 141, 8638-8645.	6.6	84
11	Polymeric networks of copper(II) using succinate and aromatic N donor ligands: synthesis, crystal structure, magnetic behaviour and the effect of weak interactions on their crystal packing. <i>Dalton Transactions</i> , 2004, , 1687-1695.	1.6	82
12	Extended lead(II) architectures engineered via tetrel bonding interactions. <i>New Journal of Chemistry</i> , 2018, 42, 4959-4971.	1.4	76
13	Theoretical Aspects of the Heterobimetallic Dimers with the T Over Square Structural Motif. Synthesis and Structure of a Heteronuclear Platinum and Palladium Complex with 1-Methylcytosinato Bridging Ligands. <i>Inorganic Chemistry</i> , 1995, 34, 3418-3424.	1.9	75
14	Synthesis, structural analysis, and magnetic behaviour of three fumarate bridged coordination polymers: five-fold interpenetrated diamond-like net of NiII, sheets of NiII and CoII. <i>Dalton Transactions</i> , 2004, , 260-266.	1.6	74
15	MnIII/CoII-Terephthalate Frameworks Containing Dipyridine Coligands: Syntheses, Crystal Structures, Magnetic Behaviors, and Thermal Studies. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4646-4654.	1.0	73
16	Relation between the Catalytic Efficiency of the Synthetic Analogues of Catechol Oxidase with Their Electrochemical Property in the Free State and Substrate-Bound State. <i>Inorganic Chemistry</i> , 2014, 53, 8257-8269.	1.9	73
17	Influence of the Coordination Environment of Zinc(II) Complexes of Designed Mannich Ligands on Phosphatase Activity: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2014, 53, 85-96.	1.9	72
18	Synthesis, characterization and bio-activity of nickel(II) and copper(II) complexes of a bidentate NS Schiff base of S-benzyl dithiocarbamate. <i>Inorganica Chimica Acta</i> , 2015, 427, 278-284.	1.2	70

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19	Cobalt(II)–(dpyo)–dicarboxylate networks: unique H-bonded assembly and rare bridging mode of dpyo in one of them [dpyo = 4,4'-dipyridyl N,N'-dioxide]. Dalton Transactions, 2007, , 1383-1391.	1.6	67
20	Structural and Magnetic Properties of Two Carboxylato-Bridged Manganese(II) Complexes with N-Donor Coligands. European Journal of Inorganic Chemistry, 2004, 2004, 4202-4208.	1.0	66
21	Strong metal-metal bonds between trans-bis(amine)platinum(II) and -palladium(II) in heteronuclear complexes of cytosine nucleobases: preparation, x-ray structures, and NMR spectroscopy. Inorganic Chemistry, 1993, 32, 700-712.	1.9	64
22	Complex Molecules That Fold Like Proteins Can Emerge Spontaneously. Journal of the American Chemical Society, 2019, 141, 1685-1689.	6.6	62
23	Mixed platinum(II)-mercury(II) cytosine nucleobase complexes with metal-metal bonds. Inorganic Chemistry, 1993, 32, 2183-2189.	1.9	61
24	Pincer CNN Ruthenium(II) Complexes with Oxygen-Containing Ligands (O ₂ CR, OAr, OR,) Tj ETQq0 0 0 rgBT /Overlock 10 TF Fast Transfer Hydrogenation. Organometallics, 2009, 28, 4421-4430.	1.1	60
25	Catechol oxidase activity of dinuclear copper(II) complexes of Robson type macrocyclic ligands: Syntheses, X-ray crystal structure, spectroscopic characterization of the adducts and kinetic studies. Journal of Molecular Catalysis A, 2009, 310, 34-41.	4.8	58
26	A radical pathway in catecholase activity with nickel(II) complexes of phenol based compartmental ligands. Dalton Transactions, 2014, 43, 841-852.	1.6	58
27	Long-Lived Palladium Catalysts for CO/Vinyl Arene Polyketones Synthesis: A Solution to Deactivation Problems. Chemistry - A European Journal, 2006, 12, 7639-7651.	1.7	56
28	Dinuclear cobalt(II) complexes of Schiff-base compartmental ligands: Syntheses, crystal structure and bio-relevant catalytic activities. Polyhedron, 2013, 60, 102-109.	1.0	53
29	Metal-stabilized rare tautomers of nucleobases. Journal of Biological Inorganic Chemistry, 1996, 1, 439-445.	1.1	52
30	Palladium-Catalyzed Ethylene/Methyl Acrylate Cooligomerization: Effect of a New Nonsymmetric λ^2 -diimine. ChemCatChem, 2013, 5, 1170-1183.	1.8	52
31	Crystal structure and magnetic behavior of a copper(II)-(pyrazine 2,3-dicarboxylate) coordination polymer: 3D architecture stabilized by H-bonding. Inorganica Chimica Acta, 2004, 357, 1593-1597.	1.2	49
32	Carboxylato-bridged 3D polymeric networks of Gd(III): Synthesis, crystal structure, magnetic property and thermal behavior. Polyhedron, 2006, 25, 1779-1786.	1.0	48
33	Syntheses, Crystal Structures and Magnetic Properties of Carboxylato-Bridged Polymeric Networks of MnII. European Journal of Inorganic Chemistry, 2006, 2006, 481-490.	1.0	48
34	Stabilization of the 2D inclined interpenetrated net of {[Co(bpe)(tp)(H ₂ O) ₂] _n } by replacement of lattice water molecules with appropriate solvent. CrystEngComm, 2007, 9, 199.	1.3	48
35	Nucleobase complexes with metal-metal dative bonds: mixed platinum-palladium compounds with bridging 1-methylcytosinato ligands and unprecedented short Pt(II)-Pd(II) contacts. Journal of the American Chemical Society, 1991, 113, 5129-5130.	6.6	47
36	Mn(II) complexes of different nuclearity: synthesis, characterization and catecholase-like activity. Dalton Transactions, 2016, 45, 742-752.	1.6	47

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37	Synthesis, crystal structure, magnetic behavior and thermal property of three polynuclear complexes: $[M(dca)_2(H_2O)_2]_n \cdot (hmt)_n$ [$M=Mn(II), Co(II)$] and $[Co(dca)_2(bpds)]_n$ [dca, dicyanamide; hmt, hexamethylenetetramine; bpds, 4,4'-bipyridyl disulfide]. <i>Inorganica Chimica Acta</i> , 2006, 359, 1395-1403.	1.2	45
38	Trifluoroethanol: key solvent for palladium-catalyzed polymerization reactions. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2106-2120.	0.8	42
39	1D porous framework of copper(ii) showing a novel coordination mode of $Ni(CN)_4^{2-}$. <i>Chemical Communications</i> , 2001, , 1368-1369.	2.2	40
40	Complexes of Platinum(II) Containing Neutral and Deprotonated 9-Methyladenine. Synthesis, X-ray Structures, and NMR Studies on the Cyclic Trimeric- $[L_2Pt\{9-MeAd(\hat{a}^{\sim}H)\}]_3(NO_3)_3$ and the Dinuclear- $[L_2Pt(ONO_2)\{9-MeAd(\hat{a}^{\sim}H)\}PtL_2](NO_3)_2$ ($L = PMePh_2$). <i>Inorganic Chemistry</i> , 2003, 42, 7861-7871.	1.9	40
41	Effect of substituents on FRET in rhodamine based chemosensors selective for Hg^{2+} ions. <i>Analyst</i> , The, 2014, 139, 1628.	1.7	39
42	Metal-Assisted Oxazolidine/Oxazine Ring Formation in Dinuclear Zinc(II) Complexes: Synthesis, Structural Aspects, and Bioactivity. <i>Inorganic Chemistry</i> , 2009, 48, 8695-8702.	1.9	38
43	Two New $1/4$ -(1,3-Azido)-Bridged Polymers: Alternating Single and Double Bridges in a 1D Nickel(II) Complex and Uniform Bridge in a 2D Copper(II) Complex: Syntheses, Single-Crystal Structures and Magnetic Studies. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1751-1758.	1.0	36
44	Dinuclear copper(II) complexes: Solvent dependent catecholase activity. <i>Polyhedron</i> , 2012, 45, 245-254.	1.0	35
45	Squarato-bridged polymeric networks of iron(II) with N-donor coligands: Syntheses, crystal structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2005, 358, 4497-4504.	1.2	33
46	Azido bridge mediated catecholase activity, electrochemistry and magnetic behavior of a dinuclear copper(II) complex of a phenol based end-off compartmental ligand. <i>Inorganica Chimica Acta</i> , 2015, 436, 139-145.	1.2	33
47	Combination of covalent and hydrogen bonding in the formation of 3D $Co(II)$ fumarate networks. <i>Inorganica Chimica Acta</i> , 2003, 355, 264-271.	1.2	31
48	Catalyst activity or stability: the dilemma in Pd-catalyzed polyketone synthesis. <i>Dalton Transactions</i> , 2013, 42, 14583.	1.6	31
49	Solvent dependent ligand transformation in a dinuclear copper(II) complex of a compartmental Mannich-base ligand: synthesis, characterization, bio-relevant catalytic promiscuity and magnetic study. <i>RSC Advances</i> , 2015, 5, 51290-51301.	1.7	31
50	Synthesis, structure, DNA/protein binding, molecular docking and in vitro anticancer activity of two Schiff base coordinated copper(II) complexes. <i>Polyhedron</i> , 2019, 171, 77-85.	1.0	31
51	Synthesis, characterization and bio-activity of a bidentate NS Schiff base of S-allyldithiocarbamate and its divalent metal complexes: X-ray crystal structures of the free ligand and its nickel(II) complex. <i>Transition Metal Chemistry</i> , 2014, 39, 141-149.	0.7	29
52	Combined Experimental and Theoretical Investigation of Ligand and Anion Controlled Complex Formation with Unprecedented Structural Features and Photoluminescence Properties of Zinc(II) Complexes. <i>Crystal Growth and Design</i> , 2014, 14, 4111-4123.	1.4	29
53	Catecholase activity of Mannich-based dinuclear Cu^{II} complexes with theoretical modeling: new insight into the solvent role in the catalytic cycle. <i>New Journal of Chemistry</i> , 2016, 40, 6623-6635.	1.4	29
54	Supramolecular lead(II) architectures engineered by tetrel bonds. <i>CrystEngComm</i> , 2020, 22, 2389-2396.	1.3	29

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55	Role of ligand backbone of tridentate Schiff-base on complex nuclearity and bio-relevant catalytic activities of zinc(II) complexes: Experimental and theoretical investigations. <i>Inorganica Chimica Acta</i> , 2014, 421, 364-373.	1.2	28
56	Ligand Flexibility Controlled and Solvent Induced Nuclearity Conversion in Cu ^{II} -Based Catecholase Models: A Deep Insight Through Combined Experimental and Theoretical Investigations. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 133-145.	1.0	28
57	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(II) and Cd(II) complexes based on isonicotinoylhydrazone ligand. <i>CrystEngComm</i> , 2016, 18, 4587-4596.	1.3	27
58	Synthesis, characterization, density functional study and antimicrobial evaluation of a series of bischelated complexes with a dithiocarbazate Schiff base ligand. <i>Arabian Journal of Chemistry</i> , 2017, 10, 172-184.	2.3	27
59	[MCl(ligand)] ⁺ Complexes (M = Ni, Pd, Pt) with a P,N,N Terdentate Ligand - Solid State and Solution Structures and Catalytic Activity of the PdII Derivative in the Heck Reaction. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4707-4714.	1.0	25
60	Different topologies in heterometallic frameworks of copper(II) with bridging ligand: Syntheses, crystal structures, thermal and magnetic properties. <i>Inorganica Chimica Acta</i> , 2006, 359, 593-602.	1.2	25
61	Supramolecular architecture constructed from the hemidirected lead(II) complex with N'-(4-hydroxybenzylidene)isonicotinohydrazide. <i>Inorganica Chimica Acta</i> , 2020, 502, 119350.	1.2	25
62	Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazide. <i>Molecules</i> , 2020, 25, 4056.	1.7	25
63	Spodium bonding and other non-covalent interactions assisted supramolecular aggregation in a new mercury(II) complex of a nicotinohydrazide derivative. <i>Inorganica Chimica Acta</i> , 2021, 519, 120279.	1.2	25
64	On the importance of ĩ-hole spodium bonding in tricoordinated Hg ^{II} complexes. <i>Dalton Transactions</i> , 2020, 49, 17547-17551.	1.6	25
65	Hetero-metallic frameworks of [Pd(CN) ₄] ²⁻ and Cu(II) with triamines: A rare example of a tetracyanommetallate bridged 2D coordination polymer. <i>Polyhedron</i> , 2007, 26, 3189-3198.	1.0	24
66	Coordination chemistry of [methyl-3-(4-benzyloxyphenyl)methylene]dithiocarbazate with divalent metal ions: crystal structures of the N,S Schiff base and of its bis-chelated nickel(II) complex. <i>Transition Metal Chemistry</i> , 2011, 36, 531-537.	0.7	24
67	Palladium-Catalyzed Ethylene/Methyl Acrylate Co-Oligomerization: The Effect of a New Nonsymmetrical ĩ-imine with the 1,4-Diazabutadiene Skeleton. <i>ChemCatChem</i> , 2017, 9, 3402-3411.	1.8	24
68	Tetranuclear Schiff base copper(II) complexes: Syntheses, crystal structure, DNA/protein binding and catecholase-like activity. <i>Polyhedron</i> , 2019, 162, 285-292.	1.0	24
69	Synthesis, characterization, photoluminescence and electrochemical studies of Ni II, Cu II, Zn II, Cd II and Pd II complexes of the bidentate S-hexyl-ĩ ² -N-(2-thienyl)methylenedithiocarbazate ligand. <i>Polyhedron</i> , 2016, 105, 56-61.	1.0	23
70	Analogies and Differences in Palladium-Catalyzed CO/Styrene and Ethylene/Methyl Acrylate Copolymerization Reactions. <i>ChemCatChem</i> , 2014, 6, 2403-2418.	1.8	22
71	Metal organic framework as ĩ-turn-on fluorescent sensor for Zr(IV) ions and selective adsorbent for organic dyes. <i>Microchemical Journal</i> , 2021, 171, 106824.	2.3	22
72	Bischelated complexes of a dithiocarbazate N,S Schiff base ligand: synthesis, characterization and antimicrobial activities. <i>Transition Metal Chemistry</i> , 2017, 42, 553-563.	0.7	21

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73	3D supramolecular networks of Co(II)/Fe(II) using the croconate dianion and a bipyridyl spacer: Synthesis, crystal structure and thermal study. <i>Polyhedron</i> , 2007, 26, 1105-1112.	1.0	20
74	Câ€N-palladacyclic-catalyzed Heck reaction in EGME/water: Rate and regioselectivity controlled by the solvents ratio. <i>Inorganica Chimica Acta</i> , 2009, 362, 97-104.	1.2	20
75	Auxiliary Part of Ligand Mediated Unique Coordination Chemistry of Copper (II). <i>ChemistrySelect</i> , 2016, 1, 615-625.	0.7	20
76	Experimental and theoretical study of Pbâ€S and Pbâ€O ïf-hole interactions in the crystal structures of Pb(<i>scpi</i>) complexes. <i>CrystEngComm</i> , 2019, 21, 6018-6025.	1.3	20
77	A new half-condensed Schiff base platform: structures and sensing of Zn ²⁺ and H ₂ PO ₄ ⁻ ions in an aqueous medium. <i>Dalton Transactions</i> , 2020, 49, 8991-9001.	1.6	20
78	The contradictory effect of the methoxy-substituent in palladium-catalyzed ethylene/methyl acrylate cooligomerization. <i>Dalton Transactions</i> , 2018, 47, 2778-2790.	1.6	19
79	A dinuclear iron complex as an efficient electrocatalyst for homogeneous water oxidation reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 2830-2837.	2.1	18
80	Synthesis of Mn ₃ O ₄ nanozymes from structurally characterized phenoxazinone synthase models based on manganese(<i>scpiii</i>) Schiff base complexes. <i>Dalton Transactions</i> , 2020, 49, 5999-6011.	1.6	17
81	Synthesis, crystal structure and thermal analysis of supramolecular architectures of copper(II)(2,2'-biimidazole) complexes using dicarboxylate as a coligand. <i>Polyhedron</i> , 2007, 26, 4195-4200.	1.0	16
82	Lead(<i>scpii</i>) coordination polymers driven by pyridine-hydrazine donors: from anion-guided self-assembly to structural features. <i>Dalton Transactions</i> , 2020, 49, 11238-11248.	1.6	16
83	Structure and magnetic characterization of tetranuclear closed/double-open cubane core, and 1D polynuclear copper(II) complexes. <i>Journal of Solid State Chemistry</i> , 2019, 271, 378-385.	1.4	15
84	Qualitative EH-FMO interpretation of the 195Pt NMR shifts in heterobimetallic complexes containing the Pt—Pd—Y core: an inverse halogen dependence. <i>Inorganica Chimica Acta</i> , 1997, 264, 109-116.	1.2	14
85	Schiff base and azido coordinated di/poly-nuclear cadmium(II) complexes: Crystal structure, photocatalytic degradation of methylene blue and thermal analysis. <i>Polyhedron</i> , 2020, 177, 114296.	1.0	14
86	Synthesis, characterization and utility of a series of novel copper(<i>scpii</i>) complexes as excellent surface disinfectants against nosocomial infections. <i>Dalton Transactions</i> , 2021, 50, 13699-13711.	1.6	14
87	Synthesis, structure and DNA binding studies of oxime based [Mn3(μ ₃ -O)] ⁷⁺ complex. <i>Inorganica Chimica Acta</i> , 2018, 483, 211-217.	1.2	13
88	Mapping of Solvent-Mediated Molecular Self-Assembly of Iron(III) Discrete Compounds: Exploring Their Magnetic Behavior and Phosphatase-Like Activity. <i>Crystal Growth and Design</i> , 2020, 20, 1254-1265.	1.4	13
89	Pd-catalysed asymmetric Suzukiâ€Miyaura reactions using chiral mono- and bidentate phosphorus ligands. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 31-36.	0.8	12
90	Thiocyanate mediated structural diversity in phenol based â€compartmental ligand complexes of group 12 metal ions: Studies on their photophysical properties and phosphatase like activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 114-124.	2.0	12

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91	Molecular and crystalline architectures based on HgI ₂ : from metallamacrocycles to coordination polymers. <i>CrystEngComm</i> , 2017, 19, 3322-3330.	1.3	12
92	Portraying the role of halo ligands and the auxiliary part of ligands of mononuclear manganese(III)-Schiff base complexes in catalyzing phosphoester bond hydrolysis. <i>New Journal of Chemistry</i> , 2018, 42, 14933-14942.	1.4	12
93	Designing antiferromagnetically coupled mono-, di- and tri-bridged copper(II)-based catecholase models by varying the "Auxiliary Parts" of the ligand and anionic co-ligand. <i>CrystEngComm</i> , 2019, 21, 7094-7107.	1.3	12
94	A route to magnetically separable nanocatalysts: Combined experimental and theoretical investigation of alkyl substituent role in ligand backbone towards epoxidation ability. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3663.	1.7	11
95	Design, synthesis and X-ray structural studies of novel [acetoneitrilebenzyl(2, 4) Tj ETQq1 1 0.784314 rgBT /Overlock 10 cell proliferation through regulation of apoptosis related genes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4601.	1.7	11
96	Catalytic promiscuity of a copper(II)-Mannich base complex having unprecedented radical pathway in catecholase activity. <i>Inorganica Chimica Acta</i> , 2020, 505, 119480.	1.2	11
97	A new coordination polymer constructed from Pb(NO ₃) ₂ and a benzylideneisonicotinohydrazide derivative: Coordination-induced generation of a "hole" towards a tetrel-bonding stabilized structure. <i>Journal of Molecular Structure</i> , 2021, 1234, 130139.	1.8	11
98	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 716-719.	0.7	10
99	Syntheses, Characterization, and Magneto-Structural Analyses in $\frac{1}{4}$ Acetato-Bridged Tetracopper(II) and $\frac{1}{4}$ and $\frac{1}{4}$ Acetato-Bridged Pentanickel(II) Clusters. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2753-2765.	1.0	10
100	A macrocyclic tetranuclear Zn ^{II} complex as a receptor for selective dual fluorescence sensing of F ⁻ and AcO ⁻ : effect of a macrocyclic ligand. <i>New Journal of Chemistry</i> , 2019, 43, 13152-13161.	1.4	10
101	Preparation of monocarbonyl ruthenium complexes bearing bidentate nitrogen and phosphine ligands and their catalytic activity in carbonyl compound reduction. <i>Dalton Transactions</i> , 2019, 48, 12560-12576.	1.6	10
102	Exploration of synthesis, structural aspects, DFT studies and bio-efficacy of some new DHA-benzohydrazide based copper(II) complexes. <i>Journal of Molecular Structure</i> , 2021, 1228, 129460.	1.8	10
103	A Comparative Study on "Turn-off" Fluorimetric Nitro Aromatic Detection Using a Class of Dinuclear Zinc (II) Schiff Base Complexes. <i>ChemistrySelect</i> , 2017, 2, 7073-7081.	0.7	9
104	Non-covalent interactions induced supramolecular architecture of Hg(NCS) ₂ with 3-pyridinecarbaldehyde nicotinoylhydrazone. <i>Inorganica Chimica Acta</i> , 2020, 509, 119700.	1.2	9
105	Crystal structure of <i>S</i> -hexyl (<i>E</i>)-3-(4-methylbenzylidene)dithiocarbazate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o103-o104.	0.2	8
106	A supramolecular 3D structure constructed from a new metal chelate self-assembled from Sn(NCS) ₂ and phenyl(pyridin-2-yl)methylenepicolinohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1224, 129188.	1.8	8
107	Crystal structure of bis(<i>S</i> -hexyl 3-(4-methylbenzylidene)dithiocarbazato- λ^2 -N ³ , <i>S</i>]nickel(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m26-m27.	0.2	7
108	Palladium alkyl complexes with a formazanate ligand: synthesis, structure and reactivity. <i>Dalton Transactions</i> , 2018, 47, 14445-14451.	1.6	7

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109	Mapping the working route of phosphate monoester hydrolysis catalyzed by copper based models with special emphasis on the role of oxoanions by experimental and theoretical studies. <i>New Journal of Chemistry</i> , 2019, 43, 2501-2512.	1.4	7
110	Lead(<i>ii</i>) supramolecular structures formed through a cooperative influence of the hydrazinecarbothioamide derived and ancillary ligands. <i>CrystEngComm</i> , 2022, 24, 368-378.	1.3	7
111	Crystal structure of bisglycine hydrobromide. A reinvestigation. <i>Journal of Chemical Sciences</i> , 1992, 104, 483-487.	0.7	7
112	Crystal structure of S-hexyl (E)-3-(4-methoxybenzylidene)dithiocarbazate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o199-o199.	0.2	6
113	Cu(II)-Na(I) heterometallic coordination compounds as photocatalyst for degradation of methylene blue. <i>Inorganica Chimica Acta</i> , 2021, 522, 120346.	1.2	6
114	Evaluation of the antitumor activity of a series of the pincer-type metal complexes produced from isonicotinohydrazide derivative. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111525.	1.5	6
115	Conformation-Selective Self-Assembly of Pd ₆ Trifacial Molecular Barrels Using a Tetrapyrrolyl Ligand. <i>Inorganic Chemistry</i> , 2022, 61, 8121-8125.	1.9	6
116	A 3D supramolecular network of cobalt(II)(bis(4-pyridyl)ethylene) with terephthalate dianions. <i>Inorganica Chimica Acta</i> , 2008, 361, 411-416.	1.2	5
117	Topological aspects of lanthanide aqua compounds: Close packed and open framework structures. <i>Journal of Solid State Chemistry</i> , 2013, 203, 128-133.	1.4	5
118	Electrochemical behaviour of tris(1,10-phenanthroline)ruthenium(II) at a surface modified electrode. Electrochemical reduction of dioxygen. <i>Inorganica Chimica Acta</i> , 2017, 466, 349-357.	1.2	5
119	Zinc(II) complexes with uncommon aminated and hemiaminal ether derivatives: synthesis, structure, phosphatase activity and theoretical rationalization of ligand and complex formation. <i>New Journal of Chemistry</i> , 2018, 42, 12998-13009.	1.4	5
120	Catalytic promiscuity of two novel cobalt(III) complexes derived from redox non-innocent Schiff base ligands: Unraveling the role of methyl groups in the ligand backbone on catalytic efficiency. <i>Inorganica Chimica Acta</i> , 2020, 501, 119336.	1.2	5
121	Complexes of BiCl ₃ with hydrazone derived ligands: a μ ₃ -bis-like discrete metal chelate versus a salt-like porous polymeric structure. <i>New Journal of Chemistry</i> , 2020, 44, 9429-9437.	1.4	5
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