M Fc Guedes Da Silva

List of Publications by Year
in descending order

347 papers	12,601 citations	20817 60 h-index	53230 85 g-index
349 all docs	349 docs citations	349 times ranked	8488 citing authors

#	Article	IF	Citations
1	Chalcogen bonding in synthesis, catalysis and design of materials. Dalton Transactions, 2017, 46, 10121-10138.	3.3	343
2	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. Coordination Chemistry Reviews, 2017, 345, 54-72.	18.8	250
3	Multinuclear Copper Triethanolamine Complexes as Selective Catalysts for the Peroxidative Oxidation of Alkanes under Mild Conditions. Angewandte Chemie - International Edition, 2005, 44, 4345-4349.	13.8	248
4	Vanadium complexes: Recent progress in oxidation catalysis. Coordination Chemistry Reviews, 2015, 301-302, 200-239.	18.8	220
5	Noncovalent interactions in metal complex catalysis. Coordination Chemistry Reviews, 2019, 387, 32-46.	18.8	207
6	Mild Peroxidative Oxidation of Cyclohexane Catalyzed by Mono-, Di-, Tri-, Tetra- and Polynuclear Copper Triethanolamine Complexes. Advanced Synthesis and Catalysis, 2006, 348, 159-174.	4.3	164
7	Aminocarbene complexes derived from nucleophilic addition to isocyanide ligands. Coordination Chemistry Reviews, 2001, 218, 75-112.	18.8	163
8	Tuning of Redox Potentials for the Design of Ruthenium Anticancer Drugs â˜' an Electrochemical Study of [trans-RuCl4L(DMSO)]-and [trans-RuCl4L2]-Complexes, where L = Imidazole, 1,2,4-Triazole, Indazole. Inorganic Chemistry, 2004, 43, 7083-7093.	4.0	159
9	Differentially Selective Chemosensor with Fluorescence Offâ€“On Responses on Cu²⁺ and Zn²⁺ Ions in Aqueous Media and Applications in Pyrophosphate Sensing, Live Cell Imaging, and Cytotoxicity. Inorganic Chemistry, 2014, 53, 6655-6664.	4.0	156
10	An Aqua-Soluble Copper(II)â˜'Sodium Two-Dimensional Coordination Polymer with Intercalated Infinite Chains of Decameric Water Clusters. Crystal Growth and Design, 2006, 6, 2200-2203.	3.0	118
11	Self-Assembled Copper(II) Coordination Polymers Derived from Aminopolyalcohols and Benzenepolycarboxylates:â€‰ Structural and Magnetic Properties. Inorganic Chemistry, 2008, 47, 162-175.	4.0	113
12	Diorganotin(IV) Derivatives of Substituted Benzohydroxamic Acids with High Antitumor Activity. Chemistry - A European Journal, 2004, 10, 1456-1462.	3.3	100
13	Novel Scorpionate and Pyrazole Dioxovanadium Complexes, Catalysts for Carboxylation and Peroxidative Oxidation of Alkanes. Advanced Synthesis and Catalysis, 2010, 352, 171-187.	4.3	100
14	Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Polymers Driven by Substituted Glutarate and Malonate Building Blocks: Self-Assembly Synthesis, Structural Features, and Antimicrobial Properties. Inorganic Chemistry, 2016, 55, 5886-5894.	4.0	100
15	Synthesis and characterization of copper(<scp>ii</scp>) 4â€²-phenyl-terpyridine compounds and catalytic application for aerobic oxidation of benzylic alcohols. Dalton Transactions, 2014, 43, 4048-4058.	3.3	97
16	Aminocarbyne complexes derived from isocyanides activated towards electrophilic addition. Coordination Chemistry Reviews, 2001, 218, 43-74.	18.8	96
17	Aliphatic Dicarboxylate Directed Assembly of Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Networks: Topological Versatility and Antimicrobial Activity. Crystal Growth and Design, 2014, 14, 5408-5417.	3.0	95
18	Bioactive Silverâ€“Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. Inorganic Chemistry, 2016, 55, 1486-1496.	4.0	95

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19	Metalâ€“Organic Frameworks with Pyridyl-Based Isophthalic Acid and Their Catalytic Applications in Microwave Assisted Peroxidative Oxidation of Alcohols and Henry Reaction. Crystal Growth and Design, 2016, 16, 1837-1849.	3.0	94
20	Novel Metal-Mediated (M = Pd, Pt) Coupling between Isonitriles and Benzophenone Hydrazone as a Route to Aminocarbene Complexes Exhibiting High Catalytic Activity (M = Pd) in the Suzukiâ^'Miyaura Reaction. Organometallics, 2009, 28, 6559-6566.	2.3	93
21	Selfâ€Assembled Twoâ€Dimensional Waterâ€Soluble Dipicolinate Cu/Na Coordination Polymer: Structural Features and Catalytic Activity for the Mild Peroxidative Oxidation of Cycloalkanes in Acidâ€Free Medium. European Journal of Inorganic Chemistry, 2008, 2008, 3423-3427.	2.0	92
22	3D hydrogen bonded heteronuclear CoII, NiII, CuII and ZnII aqua complexes derived from dipicolinic acid. Inorganica Chimica Acta, 2007, 360, 506-512.	2.4	91
23	Syntheses, Molecular Structures, Electrochemical Behavior, Theoretical Study, and Antitumor Activities of Organotin(IV) Complexes Containing 1-(4-Chlorophenyl)-1-cyclopentanecarboxylato Ligands. Inorganic Chemistry, 2011, 50, 8158-8167.	4.0	89
24	Ortho-Hydroxyphenylhydrazo-Î²-Diketones: Tautomery, Coordination Ability, and Catalytic Activity of Their Copper(II) Complexes toward Oxidation of Cyclohexane and Benzylic Alcohols. Inorganic Chemistry, 2011, 50, 918-931.	4.0	89
25	Solvent-Dependent Structural Variation of Zinc(II) Coordination Polymers and Their Catalytic Activity in the Knoevenagel Condensation Reaction. Crystal Growth and Design, 2015, 15, 4185-4197.	3.0	89
26	New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAî€¢): synthesis, topological analysis and antimicrobial activity. CrystEngComm, 2013, 15, 8060.	2.6	88
27	Zinc metalâ€“organic frameworks: efficient catalysts for the diastereoselective Henry reaction and transesterification. Dalton Transactions, 2014, 43, 7795-7810.	3.3	88
28	CuII complexes bearing the 2,2,2-tris(1-pyrazolyl)ethanol or 2,2,2-tris(1-pyrazolyl)ethyl methanesulfonate scorpionates. X-Ray structural characterization and application in the mild catalytic peroxidative oxidation of cyclohexane. Dalton Transactions, 2009, , 9207.	3.3	85
29	Electron-transfer induced isomerizations of coordination compounds. Coordination Chemistry Reviews, 2001, 219-221, 53-80.	18.8	83
30	New copper(II) dimer with 3-(2-hydroxy-4-nitrophenylhydrazo)pentane-2,4-dione and its catalytic activity in cyclohexane and benzyl alcohol oxidations. Journal of Molecular Catalysis A, 2010, 318, 44-50.	4.8	79
31	Redox potential and substituent effects at ferrocene derivatives. Estimates of Hammett Ïƒp and Taft polar Ïƒ substituent constants. Journal of Organometallic Chemistry, 1991, 421, 75-90.	1.8	77
32	Bringing an â€œOldâ€•Biological Buffer to Coordination Chemistry: New 1D and 3D Coordination Polymers with [Cu₄(Hbes)₄] Cores for Mild Hydrocarboxylation of Alkanes. Inorganic Chemistry, 2010, 49, 6390-6392.	4.0	77
33	Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes. Inorganic Chemistry, 2011, 50, 11173-11183.	4.0	77
34	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. Dalton Transactions, 2012, 41, 12888.	3.3	76
35	Alkali Metal Directed Assembly of Heterometallic V^v/M (M = Na, K, Cs) Coordination Polymers: Structures, Topological Analysis, and Oxidation Catalytic Properties. Inorganic Chemistry, 2013, 52, 8601-8611.	4.0	76
36	Tautomeric effect of hydrazone Schiff bases in tetranuclear Cu(ii) complexes: magnetism and catalytic activity towards mild hydrocarboxylation of alkanes. Dalton Transactions, 2013, 42, 16578.	3.3	76

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37	A Hexanuclear Mixed-Valence Oxovanadium(IV,V) Complex as a Highly Efficient Alkane Oxidation Catalyst. Inorganic Chemistry, 2012, 51, 11229-11231.	4.0	75
38	Self-Assembled 3D Heterometallic Cu^{II}/Fe^{II} Coordination Polymers with Octahedral Net Skeletons: Structural Features, Molecular Magnetism, Thermal and Oxidation Catalytic Properties. Inorganic Chemistry, 2010, 49, 11096-11105.	4.0	74
39	Solvent-free microwave-assisted peroxidative oxidation of secondary alcohols to the corresponding ketones catalyzed by copper(ii) 2,4-alkoxy-1,3,5-triazapentadienato complexes. Chemical Communications, 2010, 46, 2766.	4.1	74
40	Mild alkane Câ€“H and Oâ€“H oxidations catalysed by mixed-N,S copper, iron and vanadium systems. Applied Catalysis A: General, 2011, 402, 110-120.	4.3	73
41	A new binuclear oxovanadium(v) complex as a catalyst in combination with pyrazinecarboxylic acid (PCA) for efficient alkane oxygenation by H2O2. Dalton Transactions, 2013, 42, 11791.	3.3	73
42	Mild oxidative functionalization of alkanes and alcohols catalyzed by new mono- and dicopper(II) aminopolyalcoholates. Journal of Molecular Catalysis A, 2011, 350, 26-34.	4.8	72
43	Syntheses, Structure, and Reactivity of Chiral Titanium Compounds: Procatalysts for Olefin Polymerization. Chemistry - A European Journal, 2001, 7, 951-958.	3.3	71
44	Cu(I) Complexes Bearing the New Sterically Demanding and Coordination Flexible Tris(3-phenyl-1-pyrazolyl)methanesulfonate Ligand and the Water-Soluble Phosphine 1,3,5-Triaza-7-phosphaadamantane or Related Ligands. Inorganic Chemistry, 2008, 47, 10158-10168.	4.0	71
45	Template Syntheses of Copper(II) Complexes from Arylhydrazones of Malononitrile and their Catalytic Activity towards Alcohol Oxidations and the Nitroaldol Reaction: Hydrogen Bondâ€Assisted Ligand Liberation and E/Z Isomerisation. Chemistry - A European Journal, 2013, 19, 588-600.	3.3	71
46	Azametallacycles from Ag(I)- or Cu(II)-Promoted Coupling Reactions of Dialkylcyanamides with Oximes at Pt(II). Inorganic Chemistry, 2001, 40, 1134-1142.	4.0	70
47	1,3,5-Triaza-7-phosphaadamantane-7-oxide (PTAâ•O): New Diamondoid Building Block for Design of Three-Dimensional Metalâ€“Organic Frameworks. Crystal Growth and Design, 2011, 11, 2711-2716.	3.0	70
48	Zinc(ii) ortho-hydroxyphenylhydrazo-Î²-diketonate complexes and their catalytic ability towards diastereoselective nitroaldol (Henry) reaction. Dalton Transactions, 2011, 40, 5352.	3.3	69
49	Intracellular detection of Cu²⁺and S^{2â^'}ions through a quinazoline functionalized benzimidazole-based new fluorogenic differential chemosensor. Dalton Transactions, 2015, 44, 16953-16964.	3.3	68
50	Amavadin and Other Vanadium Complexes as Remarkably Efficient Catalysts for Oneâ€Pot Conversion of Ethane to Propionic and Acetic Acids. Chemistry - A European Journal, 2008, 14, 1828-1842.	3.3	67
51	Self-assembled dicopper(ii) diethanolaminate cores for mild aerobic and peroxidative oxidation of alcohols. Dalton Transactions, 2010, 39, 9879.	3.3	67
52	Oxidovanadium complexes with tridentate aroylhydrazone as catalyst precursors for solvent-free microwave-assisted oxidation of alcohols. Applied Catalysis A: General, 2015, 493, 50-57.	4.3	67
53	Pyrazole or tris(pyrazolyl)ethanol oxo-vanadium(IV) complexes as homogeneous or supported catalysts for oxidation of cyclohexane under mild conditions. Journal of Molecular Catalysis A, 2013, 367, 52-60.	4.8	66
54	pH dependent synthesis of Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) coordination polymers with dicarboxyl-functionalized arylhydrazone of barbituric acid: photoluminescence properties and catalysts for Knoevenagel condensation. New Journal of Chemistry, 2016, 40, 1535-1546.	2.8	66

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55	3D hydrogen bonded metal-organic frameworks constructed from [M(H2O)6][Mâ€²(dipicolinate)2]Â·mH2O (M/Mâ€²= Zn/Ni or Ni/Ni). Identification of intercalated acyclic (H2O)6/(H2O)10 clusters. Inorganica Chimica Acta, 2008, 361, 1728-1737.	2.4	65
56	Novel Reactivity Mode of Metal Diaminocarbenes: Palladium(II)-Mediated Coupling between Acyclic Diaminocarbenes and Isonitriles Leading to Dinuclear Species. Organometallics, 2011, 30, 3362-3370.	2.3	65
57	Dinuclear Mn(ii,ii) complexes: magnetic properties and microwave assisted oxidation of alcohols. Dalton Transactions, 2014, 43, 3966.	3.3	65
58	The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. European Journal of Inorganic Chemistry, 2007, 2007, 2686-2692.	2.0	62
59	Cyclic carbonate synthesis from CO2 and epoxides using zinc(II) complexes of arylhydrazones of Î²-diketones. Journal of Catalysis, 2016, 335, 135-140.	6.2	62
60	Diorganotin(IV) derivatives of arylhydroxamic acids: synthesis, properties and antitumor activity. Journal of Organometallic Chemistry, 2004, 689, 4584-4591.	1.8	61
61	Single-pot template transformations of cyanopyridines on a PdII centre: syntheses of ketoimine and 2,4-dipyridyl-1,3,5-triazapentadiene palladium(II) complexes and their catalytic activity for microwave-assisted Suzukiâ€“Miyaura and Heck reactions. Dalton Transactions, 2009, , 3074.	3.3	60
62	Synthesis, characterization, solid-state photo-luminescence and anti-tumor activity of zinc(II) 4â€²-phenyl-terpyridine compounds. Journal of Inorganic Biochemistry, 2010, 104, 704-711.	3.5	60
63	Synthesis, DNA binding, cellular DNA lesion and cytotoxicity of a series of new benzimidazole-based Schiff base copper(<scp>ii</scp>) complexes. Dalton Transactions, 2015, 44, 19983-19996.	3.3	60
64	Bis- and tris-pyridyl amino and imino thioether Cu and Fe complexes. Thermal and microwave-assisted peroxidative oxidations of 1-phenylethanol and cyclohexane in the presence of various N-based additives. Journal of Molecular Catalysis A, 2011, 351, 100-111.	4.8	59
65	Environmentally benign benzyl alcohol oxidation and C-C coupling catalysed by amide functionalized 3D Co(II) and Zn(II) metal organic frameworks. Journal of Catalysis, 2020, 385, 324-337.	6.2	59
66	Synthesis, structure and catalytic application of lead(<scp>ii</scp>) complexes in cyanosilylation reactions. Dalton Transactions, 2015, 44, 268-280.	3.3	58
67	An Infinite Two-Dimensional Hybrid Waterâ^'Chloride Network, Self-Assembled in a Hydrophobic Terpyridine Iron(II) Matrix. Crystal Growth and Design, 2008, 8, 782-785.	3.0	57
68	Metalâ€Mediated [2+3] Cycloaddition of Nitrones to Palladiumâ€Bound Isonitriles. Chemistry - A European Journal, 2009, 15, 5969-5978.	3.3	57
69	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. Dalton Transactions, 2017, 46, 8649-8657.	3.3	55
70	Evidence for a Michaelisâ^'Menten Type Mechanism in the Electrocatalytic Oxidation of Mercaptopropionic Acid by anAmavadineModel. Journal of the American Chemical Society, 1996, 118, 7568-7573.	13.7	54
71	Novel Palladiumâ€“Aminocarbene Species Derived from Metal-Mediated Coupling of Isonitriles and 1,3-Diiminoisoindoline: Synthesis and Catalytic Application in Suzukiâ€“Miyaura Cross-Coupling. Organometallics, 2012, 31, 2379-2387.	2.3	54
72	Alkoxyâ€1,3,5â€triazapentadien(e/ato) Copper(II) Complexes: Template Formation and Applications for the Preparation of Pyrimidines and as Catalysts for Oxidation of Alcohols to Carbonyl Products. Chemistry - A European Journal, 2012, 18, 899-914.	3.3	54

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73	Trinuclear Cu^{II} Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. European Journal of Inorganic Chemistry, 2015, 2015, 3959-3969.	2.0	54
74	Recent developments in vanadium-catalyzed olefin coordination polymerization. Coordination Chemistry Reviews, 2020, 416, 213332.	18.8	54
75	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. Inorganic Chemistry Communication, 2012, 22, 187-189.	3.9	53
76	Copper(II) complexes of arylhydrazones of Î²-diketones immobilized on Znâ€“Al layered double hydroxides as effective recyclable catalysts for peroxidative oxidation of alkanes. Applied Catalysis A: General, 2012, 439-440, 15-23.	4.3	52
77	Synthesis, characterization, thermal properties and antiproliferative potential of copper(<scp>ii</scp>) 4â€²-phenyl-terpyridine compounds. Dalton Transactions, 2016, 45, 5339-5355.	3.3	52
78	Trends in properties of paraâ€substituted 3â€(phenylhydrazo)pentaneâ€2,4â€diones. Journal of Physical Organic Chemistry, 2011, 24, 764-773.	1.9	51
79	Di- and tri-organotin(IV) complexes of arylhydrazones of methylene active compounds and their antiproliferative activity. Journal of Organometallic Chemistry, 2014, 760, 67-73.	1.8	51
80	Synthesis and structural characterization of iron complexes with 2,2,2-tris(1-pyrazolyl)ethanol ligands: Application in the peroxidative oxidation of cyclohexane under mild conditions. Journal of Organometallic Chemistry, 2011, 696, 1310-1318.	1.8	50
81	Palladium-ADC complexes as efficient catalysts in copper-free and room temperature Sonogashira coupling. Journal of Molecular Catalysis A, 2014, 395, 162-171.	4.8	50
82	Sulfonated Schiff base dinuclear and polymeric copper(<scp>ii</scp>) complexes: crystal structures, magnetic properties and catalytic application in Henry reaction. New Journal of Chemistry, 2015, 39, 3424-3434.	2.8	50
83	Iron(<scp>iii</scp>) and cobalt(<scp>iii</scp>) complexes with both tautomeric (keto and enol) forms of aroylhydrazone ligands: catalysts for the microwave assisted oxidation of alcohols. RSC Advances, 2016, 6, 8079-8088.	3.6	50
84	DNA and BSA binding and cytotoxic properties of copper(<scp>ii</scp>) and iron(<scp>iii</scp>) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands. New Journal of Chemistry, 2017, 41, 4076-4086.	2.8	50
85	Microwave synthesis of mono- and bis-tetrazolato complexes via 1,3-dipolar cycloaddition of organonitriles with platinum(ii)-bound azides. Dalton Transactions, 2007, , 5297.	3.3	49
86	Copper(ii) complexes with a new carboxylic-functionalized arylhydrazone of Î²-diketone as effective catalysts for acid-free oxidations. New Journal of Chemistry, 2012, 36, 1646.	2.8	49
87	Copper(II) complexes with carboxylic- or sulfonic-functionalized arylhydrazones of acetoacetanilide and their application in cyanosilylation of aldehydes. Journal of Organometallic Chemistry, 2017, 834, 22-27.	1.8	49
88	Stereochemical investigation of the addition of primary and secondary aliphatic amines to the nitrile complexes cis- and trans-[PtCl2(NCMe)2]. X-ray structures of the amidine complexes trans-[Pt(NH2Pri)2{Zî—¸N(H)î˜...C(NHPri)Me}]Cl2Â·4H2O and trans-[PtCl2(NCMe){Eî—¸N(H)î˜...C(NMeBut)Me}]. Inorganica Chimica Acta, 2002, 330, 229-239.	2.4	48
89	Preparation and Crystal Structures of Benzoylhydrazido- and-diazenidorhenium Complexes with N,O-Ligands and Their Catalytic Activity Towards Peroxidative Oxidation of Cycloalkanes. European Journal of Inorganic Chemistry, 2005, 2005, 2071-2080.	2.0	47
90	Lanthanide derivatives comprising arylhydrazones of Î²-diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. Dalton Transactions, 2015, 44, 5602-5610.	3.3	47

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91	Syntheses, Structures, and Antimicrobial Activity of New Remarkably Light-Stable and Water-Soluble Tris(pyrazolyl)methanesulfonate Silver(I) Derivatives of N-Methyl-1,3,5-triaza-7-phosphaadamantane Salt - [mPTA]BF₄. Inorganic Chemistry, 2015, 54, 434-440.	4.0	47
92	Synthesis, crystal structures and catalytic activity of Cu(II) and Mn(III) Schiff base complexes: Influence of additives on the oxidation catalysis of cyclohexane and 1-phenylehanol. Journal of Molecular Catalysis A, 2017, 426, 506-515.	4.8	47
93	Ligand Design forN,O- orN,N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. Inorganic Chemistry, 2018, 57, 14123-14133.	4.0	47
94	Synthesis, structure and catalytic applications of amidoterephthalate copper complexes in the diastereoselective Henry reaction in aqueous medium. New Journal of Chemistry, 2014, 38, 4837-4846.	2.8	46
95	Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1â€Phenylethanol. ChemCatChem, 2016, 8, 2254-2266.	3.7	46
96	Addition reactions of primary and secondary aliphatic amines to the benzonitrile ligands in cis- and trans-[PtCl2(NCPh)2] complexes. X-ray structure of the amidine complex trans-[PtCl2{Z-N(H)î…C(NHBut)Ph}2]. Inorganica Chimica Acta, 2002, 334, 437-447.	2.4	45
97	New water-soluble azido- and derived tetrazolato-platinum(ii) complexes with PTA. Easy metal-mediated synthesis and isolation of 5-substituted tetrazoles. Dalton Transactions, 2008, , 6546.	3.3	45
98	Waterâ€Soluble Copper(II) Complexes with a Sulfonicâ€Functionalized Arylhydrazone of Î²â€Diketone and Their Application in Peroxidative Allylic Oxidation of Cyclohexene. European Journal of Inorganic Chemistry, 2012, 2012, 2305-2313.	2.0	44
99	Structure, Electrochemistry and Hydroformylation Catalytic Activity of the Bis(pyrazolylborato)rhodium(I) Complexes [RhBp(CO)P] [P = P(NC4H4)3, PPh3, PCy3, P(C6H4OMe-4)3]. European Journal of Inorganic Chemistry, 2004, 2004, 1411-1419.	2.0	43
100	Unprecedented Metal-Free C(sp3)â”C(sp3) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. Organometallics, 2009, 28, 1683-1687.	2.3	43
101	Polynuclear Copper(II) Complexes as Catalysts for the Peroxidative Oxidation of Cyclohexane in a Roomâ€Temperature Ionic Liquid. European Journal of Inorganic Chemistry, 2014, 2014, 4541-4550.	2.0	43
102	Amide functionalized metalâ€“organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. RSC Advances, 2015, 5, 87400-87410.	3.6	43
103	Nanoporous lanthanide metalâ€“organic frameworks as efficient heterogeneous catalysts for the Henry reaction. CrystEngComm, 2016, 18, 1337-1349.	2.6	43
104	Protonation of the nitrite ligand versus protonation of rhenium at cis- or trans-[ReCl(NCC6H4R-4)(Ph2PCH2CH2PPh2)2] (R î—» Cl, F, Me or MeO). A mechanistic study. Journal of Organometallic Chemistry, 1993, 461, 141-145.	1.8	42
105	Syntheses and properties of Re(III) complexes derived from hydrotris(1-pyrazolyl)methanes: molecular structure of [ReCl2(HCpz3)(PPh3)][BF4]. Journal of Organometallic Chemistry, 2005, 690, 1947-1958.	1.8	42
106	The double-helicate terpyridine silver(I) compound [Ag2L2](SO3CF3)2 (L=4â€²-phenyl-terpyridine) as a building block for di- and mononuclear complexes. Inorganica Chimica Acta, 2009, 362, 2921-2926.	2.4	42
107	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. Biomedicine and Pharmacotherapy, 2018, 101, 137-144.	5.6	42
108	Coordination chemistry of CNH2, the simplest aminocarbyne. Journal of Organometallic Chemistry, 2001, 617-618, 65-69.	1.8	41

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109	Sulfonated Schiff base Sn(IV) complexes as potential anticancer agents. Journal of Inorganic Biochemistry, 2016, 162, 83-95.	3.5	41
110	Peroxides in metal complex catalysis. Coordination Chemistry Reviews, 2021, 437, 213859.	18.8	41
111	Redox potential, ligand and structural effects in rhodium(I) complexes. Journal of Organometallic Chemistry, 2001, 620, 174-181.	1.8	40
112	Activation of Organonitriles toward Î²-Electrophilic Attack. Synthesis and Characterization of Methyleneamide (Azavinylidene) Complexes of Rhenium. Inorganic Chemistry, 2002, 41, 219-228.	4.0	40
113	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu3(Î¼3-OH)(Î¼-pz)3]2+ and 4,4â€²-Bypiridine. 1Â°. Crystal Growth and Design, 2012, 12, 2890-2901.	3.0	40
114	Microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol with monomeric keto and polymeric enol aroylhydrazone Cu(II) complexes. Molecular Catalysis, 2017, 439, 224-232.	2.0	40
115	Hydrosoluble Cu(<scp>i</scp>)-DAPTA complexes: synthesis, characterization, luminescence thermochromism and catalytic activity for microwave-assisted three-component azideâ€“alkyne cycloaddition click reaction. Dalton Transactions, 2018, 47, 7290-7299.	3.3	40
116	Activation of Câ€“CN bond of propionitrile: An alternative route to the syntheses of 5-substituted-1H-tetrazoles and dicyano-platinum(II) species. Polyhedron, 2008, 27, 2883-2888.	2.2	39
117	Cobalt and Zinc Compounds Bearing 1,10â€Phenanthrolineâ€5,6â€dione or 1,3,5â€Triazaâ€7â€phosphaadamantane Derivatives â€“ Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. European Journal of Inorganic Chemistry, 2013, 2013, 3651-3658.	2.0	39
118	Cobalt Complexes with Pyrazole Ligands as Catalyst Precursors for the Peroxidative Oxidation of Cyclohexane: Xâ€ray Absorption Spectroscopy Studies and Biological Applications. Chemistry - an Asian Journal, 2014, 9, 1132-1143.	3.3	39
119	Bifunctional activation of cyanoguanidine. Synthesis and molecular structure of the azametallacycle cis-[(PPh3)2Pt{NHC(OMe)=NC(NH2)=NH}][BPh4]. Inorganica Chimica Acta, 1997, 265, 267-270.	2.4	38
120	Biological characterization of the antiproliferative potential of Co(II) and Sn(IV) coordination compounds in human cancer cell lines: a comparative proteomic approach. Drug Metabolism and Drug Interactions, 2013, 28, 167-176.	0.3	38
121	Electrochemical synthesis of adducts of 2-aminopyridine or methanol in metal chelates of a N,N,N-tridentate Schiff base ligand. X-ray crystal structures of the Ni(II) and Zn(II) derivatives. Polyhedron, 2003, 22, 1335-1340.	2.2	37
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