

Armando J.L. Pombeiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1592346/publications.pdf>

Version: 2024-02-01

850
papers

31,437
citations

6254

80
h-index

21539

114
g-index

942
all docs

942
docs citations

942
times ranked

15253
citing authors

#	ARTICLE	IF	CITATIONS
1	Additions to Metal-Activated Organonitriles. <i>Chemical Reviews</i> , 2002, 102, 1771-1802.	47.7	701
2	Metal-mediated and metal-catalyzed hydrolysis of nitriles. <i>Inorganica Chimica Acta</i> , 2005, 358, 1-21.	2.4	391
3	Chalcogen bonding in synthesis, catalysis and design of materials. <i>Dalton Transactions</i> , 2017, 46, 10121-10138.	3.3	343
4	Oxime and oximate metal complexes: unconventional synthesis and reactivity. <i>Coordination Chemistry Reviews</i> , 1999, 181, 147-175.	18.8	251
5	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. <i>Coordination Chemistry Reviews</i> , 2017, 345, 54-72.	18.8	250
6	Multinuclear Copper Triethanolamine Complexes as Selective Catalysts for the Peroxidative Oxidation of Alkanes under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4345-4349.	13.8	248
7	Oxovanadium complexes in catalytic oxidations. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2232-2248.	18.8	244
8	Vanadium complexes: Recent progress in oxidation catalysis. <i>Coordination Chemistry Reviews</i> , 2015, 301-302, 200-239.	18.8	220
9	Multicopper complexes and coordination polymers for mild oxidative functionalization of alkanes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2741-2759.	18.8	191
10	Supramolecular Assemblies of Trinuclear Triangular Copper(II) Secondary Building Units through Hydrogen Bonds. Generation of Different Metal-Organic Frameworks, Valuable Catalysts for Peroxidative Oxidation of Alkanes. <i>Inorganic Chemistry</i> , 2007, 46, 221-230.	4.0	188
11	Metal-ion assisted reactions of oximes and reactivity of oxime-containing metal complexes. <i>Coordination Chemistry Reviews</i> , 1996, 156, 333-362.	18.8	186
12	Electron-transfer activated metal-based anticancer drugs. <i>Inorganica Chimica Acta</i> , 2008, 361, 1569-1583.	2.4	177
13	Mild Peroxidative Oxidation of Cyclohexane Catalyzed by Mono-, Di-, Tri-, Tetra- and Polynuclear Copper Triethanolamine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 159-174.	4.3	164
14	Aminocarbene complexes derived from nucleophilic addition to isocyanide ligands. <i>Coordination Chemistry Reviews</i> , 2001, 218, 75-112.	18.8	163
15	Tuning of Redox Potentials for the Design of Ruthenium Anticancer Drugs – an Electrochemical Study of [trans-RuCl ₄ L(DMSO)]- and [trans-RuCl ₄ L ₂]-Complexes, where L = Imidazole, 1,2,4-Triazole, Indazole. <i>Inorganic Chemistry</i> , 2004, 43, 7083-7093.	4.0	159
16	Differentially Selective Chemosensor with Fluorescence “On” Responses on Cu ²⁺ and Zn ²⁺ Ions in Aqueous Media and Applications in Pyrophosphate Sensing, Live Cell Imaging, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2014, 53, 6655-6664.	4.0	156
17	Tris(pyrazol-1-yl)methane metal complexes for catalytic mild oxidative functionalizations of alkanes, alkenes and ketones. <i>Coordination Chemistry Reviews</i> , 2014, 265, 74-88.	18.8	153
18	Direct and Remarkably Efficient Conversion of Methane into Acetic Acid Catalyzed by Vanadium and Related Vanadium Complexes. A Synthetic and a Theoretical DFT Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2007, 129, 10531-10545.	13.7	151

#	ARTICLE	IF	CITATIONS
19	Mechanism of oxidations with H ₂ O ₂ catalyzed by vanadate anion or oxovanadium(V) triethanolamine (vanadatrane) in combination with pyrazine-2-carboxylic acid (PCA): Kinetic and DFT studies. <i>Journal of Catalysis</i> , 2009, 267, 140-157.	6.2	150
20	Catalytic Oxidation of Alcohols. <i>Advances in Organometallic Chemistry</i> , 2015, , 91-174.	1.0	142
21	Barbituric acids as a useful tool for the construction of coordination and supramolecular compounds. <i>Coordination Chemistry Reviews</i> , 2014, 265, 1-37.	18.8	140
22	Resonance-Assisted Hydrogen Bonding as a Driving Force in Synthesis and a Synthone in the Design of Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 16356-16398.	3.3	132
23	Half-Sandwich Scorpionate Vanadium, Iron and Copper Complexes: Synthesis and Application in the Catalytic Peroxidative Oxidation of Cyclohexane under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 706-716.	4.3	131
24	Remarkably fast oxidation of alkanes by hydrogen peroxide catalyzed by a tetracopper(II) triethanolamine complex: Promoting effects of acid co-catalysts and water, kinetic and mechanistic features. <i>Journal of Catalysis</i> , 2009, 268, 26-38.	6.2	131
25	Heterometallic Co ^{III} ₄ Fe ^{III} ₂ Schiff Base Complex: Structure, Electron Paramagnetic Resonance, and Alkane Oxidation Catalytic Activity. <i>Inorganic Chemistry</i> , 2012, 51, 9110-9122.	4.0	126
26	Single-Pot Conversion of Methane into Acetic Acid in the Absence of CO and with Vanadium Catalysts Such as Amavadin. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 821-823.	13.8	124
27	An Aqua-Soluble Copper(II)-Sodium Two-Dimensional Coordination Polymer with Intercalated Infinite Chains of Decameric Water Clusters. <i>Crystal Growth and Design</i> , 2006, 6, 2200-2203.	3.0	118
28	Zinc(II)/Ketoxime System as a Simple and Efficient Catalyst for Hydrolysis of Organonitriles. <i>Inorganic Chemistry</i> , 2002, 41, 4798-4804.	4.0	115
29	Electron-donor/acceptor properties of carbynes, carbenes, vinylidenes, allenylidenes and alkynyls as measured by electrochemical ligand parameters. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 6021-6040.	1.8	115
30	Homo- and heterometallic polynuclear transition metal catalysts for alkane C-H bonds oxidative functionalization: Recent advances. <i>Coordination Chemistry Reviews</i> , 2018, 355, 199-222.	18.8	115
31	Self-Assembled Copper(II) Coordination Polymers Derived from Aminopolyalcohols and Benzenepolycarboxylates: Structural and Magnetic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 162-175.	4.0	113
32	Coordination chemistry of thiazoles, isothiazoles and thiadiazoles. <i>Coordination Chemistry Reviews</i> , 2016, 308, 32-55.	18.8	113
33	Aminocarbene complexes derived from nucleophilic addition to isocyanide ligands. <i>Coordination Chemistry Reviews</i> , 2001, 218, 75-112.	18.8	112
34	Platinum(IV)-Assisted [2 + 3] Cycloaddition of Nitrones to Coordinated Organonitriles. Synthesis of β -4-1,2,4-Oxadiazolines. <i>Journal of the American Chemical Society</i> , 2000, 122, 3106-3111.	13.7	110
35	Pnictogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213381.	18.8	110
36	Recent advances in organocatalytic enantioselective transfer hydrogenation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2307-2340.	2.8	107

#	ARTICLE	IF	CITATIONS
37	An unprecedented heterotrimetallic Fe/Cu/Co core for mild and highly efficient catalytic oxidation of cycloalkanes by hydrogen peroxide. <i>Chemical Communications</i> , 2006, , 4605.	4.1	106
38	Mono-, di- and polynuclear copper(II) compounds derived from N-butyl-diethanolamine: structural features, magnetism and catalytic activity for the mild peroxidative oxidation of cyclohexane. <i>Dalton Transactions</i> , 2009, , 2109.	3.3	105
39	Diorganotin(IV) Derivatives of Substituted Benzohydroxamic Acids with High Antitumor Activity. <i>Chemistry - A European Journal</i> , 2004, 10, 1456-1462.	3.3	100
40	Novel Scorpionate and Pyrazole Dioxovanadium Complexes, Catalysts for Carboxylation and Peroxidative Oxidation of Alkanes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 171-187.	4.3	100
41	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. <i>Inorganic Chemistry</i> , 2016, 55, 5886-5894.	4.0	100
42	Copper(II) coordination polymers derived from triethanolamine and pyromellitic acid for bioinspired mild peroxidative oxidation of cyclohexane. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1190-1194.	3.5	98
43	Participation of Oligovanadates in Alkane Oxidation with H ₂ O ₂ Catalyzed by Vanadate Anion in Acidified Acetonitrile: Kinetic and DFT Studies. <i>ACS Catalysis</i> , 2011, 1, 1511-1520.	11.2	98
44	Radical Formation in the [MeReO ₃]-Catalyzed Aqueous Peroxidative Oxidation of Alkanes: A Theoretical Mechanistic Study. <i>Inorganic Chemistry</i> , 2009, 48, 307-318.	4.0	97
45	Synthesis and characterization of copper(II) 4-phenyl-terpyridine compounds and catalytic application for aerobic oxidation of benzylic alcohols. <i>Dalton Transactions</i> , 2014, 43, 4048-4058.	3.3	97
46	Coordination chemistry of arylhydrazones of methylene active compounds. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1244-1281.	18.8	96
47	Aminocarbonyl complexes derived from isocyanides activated towards electrophilic addition. <i>Coordination Chemistry Reviews</i> , 2001, 218, 43-74.	18.8	96
48	Iminoacylation. 1. Addition of Ketoximes or Aldoximes to Platinum(IV)-Bound Organonitriles. <i>Inorganic Chemistry</i> , 1998, 37, 6511-6517.	4.0	95
49	Aliphatic Dicarboxylate Directed Assembly of Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Networks: Topological Versatility and Antimicrobial Activity. <i>Crystal Growth and Design</i> , 2014, 14, 5408-5417.	3.0	95
50	Bioactive Silver-Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. <i>Inorganic Chemistry</i> , 2016, 55, 1486-1496.	4.0	95
51	Synthesis, X-ray Diffraction Structures, Spectroscopic Properties, and in vitro Antitumor Activity of Isomeric (1H-1,2,4-Triazole)Ru(III) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6024-6031.	4.0	94
52	Metal-Organic Frameworks with Pyridyl-Based Isophthalic Acid and Their Catalytic Applications in Microwave Assisted Peroxidative Oxidation of Alcohols and Henry Reaction. <i>Crystal Growth and Design</i> , 2016, 16, 1837-1849.	3.0	94
53	Carbon dioxide-to-methanol single-pot conversion using a C-scorpionate iron(II) catalyst. <i>Green Chemistry</i> , 2017, 19, 4811-4815.	9.0	94
54	Amavadinone as a catalyst for the peroxidative halogenation, hydroxylation and oxygenation of alkanes and benzene. <i>Chemical Communications</i> , 2000, , 1845-1846.	4.1	93

#	ARTICLE	IF	CITATIONS
55	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 Suzuki–Miyaura Reaction. <i>Organometallics</i> , 2009, 28, 6559-6566.	2.3	93
56	Gold nanoparticles supported on carbon materials for cyclohexane oxidation with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2013, 467, 279-290.	4.3	93
57	Single-Pot Ethane Carboxylation Catalyzed by New Oxorhenium(V) Complexes with N,O Ligands. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1435-1446.	4.3	92
58	Self-Assembled Two-Dimensional Water-Soluble Dipicolinate Cu/Na Coordination Polymer: Structural Features and Catalytic Activity for the Mild Peroxidative Oxidation of Cycloalkanes in Acid-Free Medium. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3423-3427.	2.0	92
59	[2 + 3] Cycloaddition of Nitrones to Platinum-Bound Organonitriles: Effect of Metal Oxidation State and of Nitrile Substituent. <i>Inorganic Chemistry</i> , 2001, 40, 264-271.	4.0	91
60	3D hydrogen bonded heteronuclear Coll, Nill, Cull and ZnII aqua complexes derived from dipicolinic acid. <i>Inorganica Chimica Acta</i> , 2007, 360, 506-512.	2.4	91
61	Homogeneous and heterogenised new gold C-scorpionate complexes as catalysts for cyclohexane oxidation. <i>Catalysis Science and Technology</i> , 2013, 3, 3056.	4.1	91
62	Reactions of alkynes, isocyanides and cyanides at dinitrogen-binding transition metal centres. <i>Coordination Chemistry Reviews</i> , 1990, 104, 13-38.	18.8	90
63	Syntheses, Molecular Structures, Electrochemical Behavior, Theoretical Study, and Antitumor Activities of Organotin(IV) Complexes Containing 1-(4-Chlorophenyl)-1-cyclopentanecarboxylate Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 8158-8167.	4.0	89
64	<i>Ortho</i> -Hydroxyphenylhydrazo-1,2-Diketones: Tautomerism, Coordination Ability, and Catalytic Activity of Their Copper(II) Complexes toward Oxidation of Cyclohexane and Benzylic Alcohols. <i>Inorganic Chemistry</i> , 2011, 50, 918-931.	4.0	89
65	Solvent-Dependent Structural Variation of Zinc(II) Coordination Polymers and Their Catalytic Activity in the Knoevenagel Condensation Reaction. <i>Crystal Growth and Design</i> , 2015, 15, 4185-4197.	3.0	89
66	Group 5–7 transition metal oxides as efficient catalysts for oxidative functionalization of alkanes under mild conditions. <i>Journal of Catalysis</i> , 2007, 248, 130-136.	6.2	88
67	New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTA): synthesis, topological analysis and antimicrobial activity. <i>CrystEngComm</i> , 2013, 15, 8060.	2.6	88
68	Zinc metal-organic frameworks: efficient catalysts for the diastereoselective Henry reaction and transesterification. <i>Dalton Transactions</i> , 2014, 43, 7795-7810.	3.3	88
69	New coordination polymers based on the triangular [Cu ₃ (μ ₃ -OH)(μ ₄ -pz) ₃] ²⁺ unit and unsaturated carboxylates. <i>Dalton Transactions</i> , 2009, , 4928.	3.3	86
70	Alkanes to carboxylic acids in aqueous medium: metal-free and metal-promoted highly efficient and mild conversions. <i>Chemical Communications</i> , 2009, , 2353.	4.1	85
71	Cull 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. <i>Dalton Transactions</i> , 2009, , 9207.	3.3	85
72	Mild homogeneous oxidation of alkanes and alcohols including glycerol with tert-butyl hydroperoxide catalyzed by a tetracopper(II) complex. <i>Journal of Catalysis</i> , 2010, 272, 9-17.	6.2	85

#	ARTICLE	IF	CITATIONS
73	A Route to 1,2,4-Oxadiazoles and Their Complexes via Platinum-Mediated 1,3-Dipolar Cycloaddition of Nitrile Oxides to Organonitriles. <i>Inorganic Chemistry</i> , 2003, 42, 896-903.	4.0	84
74	Mild aerobic oxidation of benzyl alcohols to benzaldehydes in water catalyzed by aqua-soluble multicopper(II) triethanolamine compounds. <i>Journal of Molecular Catalysis A</i> , 2009, 305, 178-182.	4.8	84
75	Coordination chemistry of non-oxido, oxido and dioxidovanadium(IV/V) complexes with azine fragment ligands. <i>Coordination Chemistry Reviews</i> , 2014, 265, 89-124.	18.8	84
76	Electron-transfer induced isomerizations of coordination compounds. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 53-80.	18.8	83
77	Facile Ni(II)/Ketoxime-Mediated Conversion of Organonitriles into Imidoamidine Ligands. Synthesis of Imidoamidines and Acetyl Amides. <i>Inorganic Chemistry</i> , 2003, 42, 7239-7248.	4.0	83
78	Water-soluble Scorpionate Complexes – Catalytic and Biological Applications. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2236-2252.	2.0	83
79	Trinuclear Triangular Copper(II) Clusters – Synthesis, Electrochemical Studies and Catalytic Peroxidative Oxidation of Cycloalkanes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 666-676.	2.0	81
80	Topologically Unique 2D Heterometallic Cu ^{II} /Mg Coordination Polymer: Synthesis, Structural Features, and Catalytic Use in Alkane Hydrocarboxylation. <i>Crystal Growth and Design</i> , 2012, 12, 1069-1074.	3.0	81
81	Iminoacylation. 3. Formation of Platinum(IV)-Based Metallaligands Due to Facile One-End Addition of vic-Dioximes to Coordinated Organonitriles. <i>Inorganic Chemistry</i> , 2000, 39, 216-225.	4.0	80
82	Heterogenisation of a Scorpionate Fe ^{II} Complex on Carbon Materials for Cyclohexane Oxidation with Hydrogen Peroxide. <i>ChemCatChem</i> , 2013, 5, 3847-3856.	3.7	80
83	Recent advances in amide functionalized metal organic frameworks for heterogeneous catalytic applications. <i>Coordination Chemistry Reviews</i> , 2019, 395, 86-129.	18.8	80
84	New copper(II) dimer with 3-(2-hydroxy-4-nitrophenylhydrazo)pentane-2,4-dione and its catalytic activity in cyclohexane and benzyl alcohol oxidations. <i>Journal of Molecular Catalysis A</i> , 2010, 318, 44-50.	4.8	79
85	Topologically Unique Heterometallic Cu ^{II} /Li Coordination Polymers Self-Assembled from N-bis(2-Hydroxyethyl)-2-aminoethanesulfonic Acid Biobuffer: Versatile Catalyst Precursors for Mild Hydrocarboxylation of Alkanes to Carboxylic Acids. <i>Inorganic Chemistry</i> , 2012, 51, 5224-5234.	4.0	79
86	Polynuclear diorganotin(IV) complexes with arylhydroxamates: Syntheses, structures and in vitro cytotoxic activities. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 901-909.	3.5	78
87	Redox potential and substituent effects at ferrocene derivatives. Estimates of Hammett ρ_p and Taft polar ρ_f substituent constants. <i>Journal of Organometallic Chemistry</i> , 1991, 421, 75-90.	1.8	77
88	Tuning of Redox Properties for the Design of Ruthenium Anticancer Drugs: Part 2. Syntheses, Crystal Structures, and Electrochemistry of Potentially Antitumor [Ru(II)/Cl _{6-n} (Azole) _n] _z (n= 3, 4, 6) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 6704-6716.	4.0	77
89	Bringing an Old Biological Buffer to Coordination Chemistry: New 1D and 3D Coordination Polymers with [Cu ₄ (Hbes) ₄] Cores for Mild Hydrocarboxylation of Alkanes. <i>Inorganic Chemistry</i> , 2010, 49, 6390-6392.	4.0	77
90	Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 11173-11183.	4.0	77

#	ARTICLE	IF	CITATIONS
91	Alkane oxidation by the H ₂ O ₂ /NaVO ₃ /H ₂ SO ₄ system in acetonitrile and water. <i>Tetrahedron</i> , 2009, 65, 2424-2429.	1.9	76
92	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. <i>Dalton Transactions</i> , 2012, 41, 12888.	3.3	76
93	Alkali Metal Directed Assembly of Heterometallic V ^v /M (M = Na, K, Cs) Coordination Polymers: Structures, Topological Analysis, and Oxidation Catalytic Properties. <i>Inorganic Chemistry</i> , 2013, 52, 8601-8611.	4.0	76
94	Tautomeric effect of hydrazone Schiff bases in tetranuclear Cu(II) complexes: magnetism and catalytic activity towards mild hydrocarboxylation of alkanes. <i>Dalton Transactions</i> , 2013, 42, 16578.	3.3	76
95	Amavadin, a vanadium natural complex: Its role and applications. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2388-2400.	18.8	76
96	Generation of HO [•] Radical from Hydrogen Peroxide Catalyzed by Aqua Complexes of the Group III Metals [M(H ₂ O) _n] ³⁺ (M = Ga, In, Sc, Y, or La): A Theoretical Study. <i>ACS Catalysis</i> , 2013, 3, 1195-1208.	11.2	76
97	Recent Developments in Transition Metal-Catalyzed Cross-Dehydrogenative Coupling Reactions of Ethers and Thioethers. <i>ChemCatChem</i> , 2018, 10, 3354-3383.	3.7	76
98	A Hexanuclear Mixed-Valence Oxovanadium(IV,V) Complex as a Highly Efficient Alkane Oxidation Catalyst. <i>Inorganic Chemistry</i> , 2012, 51, 11229-11231.	4.0	75
99	An Efficient Synthesis of Phthalocyanines Based on an Unprecedented Double-Addition of Oximes to Phthalonitriles. <i>Journal of the American Chemical Society</i> , 2004, 126, 15040-15041.	13.7	74
100	Self-Assembled 3D Heterometallic Cu ^{II} /Fe ^{II} Coordination Polymers with Octahedral Net Skeletons: Structural Features, Molecular Magnetism, Thermal and Oxidation Catalytic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 11096-11105.	4.0	74
101	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. <i>Chemical Communications</i> , 2010, 46, 2766.	4.1	74
102	Mild alkane C-H and O-H oxidations catalysed by mixed-N,S copper, iron and vanadium systems. <i>Applied Catalysis A: General</i> , 2011, 402, 110-120.	4.3	73
103	A new binuclear oxovanadium(V) complex as a catalyst in combination with pyrazinecarboxylic acid (PCA) for efficient alkane oxygenation by H ₂ O ₂ . <i>Dalton Transactions</i> , 2013, 42, 11791.	3.3	73
104	Aminocarbene complexes derived from isocyanides activated towards electrophilic addition. <i>Coordination Chemistry Reviews</i> , 2001, 218, 43-74.	18.8	72
105	Mild oxidation of alkanes and toluene by tert-butylhydroperoxide catalyzed by an homogeneous and immobilized Mn(salen) complex. <i>Applied Catalysis A: General</i> , 2010, 372, 191-198.	4.3	72
106	Complexes of copper(II) with 3-(ortho-substituted phenylhydrazo)pentane-2,4-diones: syntheses, properties and catalytic activity for cyclohexane oxidation. <i>Dalton Transactions</i> , 2011, 40, 2822.	3.3	72
107	Mild oxidative functionalization of alkanes and alcohols catalyzed by new mono- and dicopper(II) aminopolyalcoholates. <i>Journal of Molecular Catalysis A</i> , 2011, 350, 26-34.	4.8	72
108	Redox potential and substituent effects in ferrocene derivatives: II. <i>Journal of Organometallic Chemistry</i> , 1994, 480, 81-90.	1.8	71

#	ARTICLE	IF	CITATIONS
109	Syntheses, Structure, and Reactivity of Chiral Titanium Compounds: Procatalysts for Olefin Polymerization. <i>Chemistry - A European Journal</i> , 2001, 7, 951-958.	3.3	71
110	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. <i>Inorganic Chemistry</i> , 2008, 47, 10158-10168.	4.0	71
111	Template Syntheses of Copper(II) Complexes from Arylhydrazones of Malononitrile and their Catalytic Activity towards Alcohol Oxidations and the Nitroaldol Reaction: Hydrogen Bond-Assisted Ligand Liberation and <i>E/Z</i> Isomerisation. <i>Chemistry - A European Journal</i> , 2013, 19, 588-600.	3.3	71
112	Azametallacycles from Ag(I)- or Cu(II)-Promoted Coupling Reactions of Dialkylcyanamides with Oximes at Pt(II). <i>Inorganic Chemistry</i> , 2001, 40, 1134-1142.	4.0	70
113	Multicopper(II) Pyromellitate Compounds: Self-Assembly Synthesis, Structural Topologies, and Magnetic Features. <i>Crystal Growth and Design</i> , 2008, 8, 4100-4108.	3.0	70
114	1,3,5-Triaza-7-phosphaadamantane-7-oxide (PTA \bullet O): New Diamondoid Building Block for Design of Three-Dimensional Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2011, 11, 2711-2716.	3.0	70
115	Copper-organic frameworks assembled from in situ generated 5-(4-pyridyl)tetrazole building blocks: synthesis, structural features, topological analysis and catalytic oxidation of alcohols. <i>Dalton Transactions</i> , 2014, 43, 9944-9954.	3.3	70
116	Coupling between 3-Iminoisoindolin-1-ones and Complexed Isonitriles as a Metal-Mediated Route to a Novel Type of Palladium and Platinum Iminocarbene Species. <i>Organometallics</i> , 2008, 27, 5379-5389.	2.3	69
117	Zinc(ii) ortho-hydroxyphenylhydrazo- β -diketonate complexes and their catalytic ability towards diastereoselective nitroaldol (Henry) reaction. <i>Dalton Transactions</i> , 2011, 40, 5352.	3.3	69
118	Poly(vinyl) chloride membrane copper-selective electrode based on 1-phenyl-2-(2-hydroxyphenylhydrazo)butane-1,3-dione. <i>Journal of Hazardous Materials</i> , 2011, 186, 1154-1162.	12.4	68
119	Intracellular detection of Cu ²⁺ and S ²⁻ ions through a quinazoline functionalized benzimidazole-based new fluorogenic differential chemosensor. <i>Dalton Transactions</i> , 2015, 44, 16953-16964.	3.3	68
120	Identification of Hexameric Water and Hybrid Water-Chloride Clusters Intercalated in the Crystal Hosts of (Imido)lamidine)nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4621-4627.	2.0	67
121	Amavadin and Other Vanadium Complexes as Remarkably Efficient Catalysts for One-Pot Conversion of Ethane to Propionic and Acetic Acids. <i>Chemistry - A European Journal</i> , 2008, 14, 1828-1842.	3.3	67
122	Self-assembled dicopper(ii) diethanolamine cores for mild aerobic and peroxidative oxidation of alcohols. <i>Dalton Transactions</i> , 2010, 39, 9879.	3.3	67
123	Homogeneous Multicopper Catalysts for Oxidation and Hydrocarboxylation of Alkanes. <i>Advances in Inorganic Chemistry</i> , 2013, , 1-31.	1.0	67
124	Oxidovanadium complexes with tridentate arylhydrazone as catalyst precursors for solvent-free microwave-assisted oxidation of alcohols. <i>Applied Catalysis A: General</i> , 2015, 493, 50-57.	4.3	67
125	Engineering Coordination and Supramolecular Copper-Organic Networks by Aqueous Medium Self-Assembly with 1,3,5-Triaza-7-phosphaadamantane (PTA). <i>Crystal Growth and Design</i> , 2009, 9, 3006-3010.	3.0	66
126	Efficient cyclohexane oxidation with hydrogen peroxide catalysed by a C-scorpionate iron(II) complex immobilized on desilicated MOR zeolite. <i>Applied Catalysis A: General</i> , 2013, 464-465, 43-50.	4.3	66

#	ARTICLE	IF	CITATIONS
127	Pyrazole or tris(pyrazolyl)ethanol oxo-vanadium(IV) complexes as homogeneous or supported catalysts for oxidation of cyclohexane under mild conditions. <i>Journal of Molecular Catalysis A</i> , 2013, 367, 52-60.	4.8	66
128	pH dependent synthesis of Zn(II) and Cd(II) coordination polymers with dicarboxyl-functionalized arylhydrazone of barbituric acid: photoluminescence properties and catalysts for Knoevenagel condensation. <i>New Journal of Chemistry</i> , 2016, 40, 1535-1546.	2.8	66
129	Recent advances on supramolecular isomerism in metal organic frameworks. <i>CrystEngComm</i> , 2017, 19, 4666-4695.	2.6	66
130	Effect of Phenolic Compounds on the Synthesis of Gold Nanoparticles and its Catalytic Activity in the Reduction of Nitro Compounds. <i>Nanomaterials</i> , 2018, 8, 320.	4.1	66
131	Reduction of (imine)Pt(IV) to (imine)Pt(II) Complexes with Carbonyl-Stabilized Phosphorus Ylides. <i>Inorganic Chemistry</i> , 2001, 40, 1683-1689.	4.0	65
132	Pyrazole and trispyrazolylmethane rhenium complexes as catalysts for ethane and cyclohexane oxidations. <i>Applied Catalysis A: General</i> , 2007, 317, 43-52.	4.3	65
133	3D hydrogen bonded metal-organic frameworks constructed from $[M(H_2O)_6][M^{2+}(dipicolinate)_2] \cdot nH_2O$ ($M/M^{2+} = Zn/Ni$ or Ni/Ni). Identification of intercalated acyclic $(H_2O)_6/(H_2O)_{10}$ clusters. <i>Inorganica Chimica Acta</i> , 2008, 361, 1728-1737.	2.4	65
134	Novel Reactivity Mode of Metal Diaminocarbenes: Palladium(II)-Mediated Coupling between Acyclic Diaminocarbenes and Isonitriles Leading to Dinuclear Species. <i>Organometallics</i> , 2011, 30, 3362-3370.	2.3	65
135	Dinuclear Mn(II,II) complexes: magnetic properties and microwave assisted oxidation of alcohols. <i>Dalton Transactions</i> , 2014, 43, 3966.	3.3	65
136	The electronic properties of isocyanides at rhenium dinitrogen binding sites. Preparation and redox properties of the isocyanide complexes $trans-[ReCl(CNR)(Ph_2PCH_2CH_2PPh_2)_2]$. <i>Journal of Organometallic Chemistry</i> , 1982, 224, 285-294.	1.8	64
137	Synthesis, chemical and electrochemical deprotonation reactions of aminocarbene complexes of palladium(II) and platinum(II). X-ray structure of $\{(PPh_3)ClPt[\eta^5-C_5N_5]\}_2$. <i>Inorganica Chimica Acta</i> , 1991, 189, 2.4 175-187.		64
138	Mechanism of Al^{3+} -Catalyzed Oxidations of Hydrocarbons: Dramatic Activation of H_2O toward O_2 Homolysis in Complex $[Al(H_2O)_4(OOH)(H_2O)_2]^{2+}$ Explains the Formation of HO^\bullet Radicals. <i>Inorganic Chemistry</i> , 2011, 50, 3996-4005.	4.0	63
139	Water-Soluble Cobalt(II) and Copper(II) Complexes of 3-(5-Chloro-2-hydroxy-3-sulfophenylhydrazo)pentane-2,4-dione as Building Blocks for 3D Supramolecular Networks and Catalysts for TEMPO-Mediated Aerobic Oxidation of Benzylic Alcohols. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4175-4181.	2.0	63
140	Platinum(IV)-Mediated Nitrile-Sulfimide Coupling: A Route to Heterodiazadienes. <i>Inorganic Chemistry</i> , 2003, 42, 301-311.	4.0	62
141	The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2686-2692.	2.0	62
142	Metal-Free and Copper-Promoted Single-Pot Hydrocarboxylation of Cycloalkanes to Carboxylic Acids in Aqueous Medium. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2936-2948.	4.3	62
143	Cyclic carbonate synthesis from CO_2 and epoxides using zinc(II) complexes of arylhydrazones of β -diketones. <i>Journal of Catalysis</i> , 2016, 335, 135-140.	6.2	62
144	Platinum(IV)-mediated hydrolysis of nitriles giving metal-bound iminols. <i>Dalton Transactions RSC</i> , 2002, 1882-1887.	2.3	61

#	ARTICLE	IF	CITATIONS
145	Diorganotin(IV) derivatives of arylhydroxamic acids: synthesis, properties and antitumor activity. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4584-4591.	1.8	61
146	Characterization of Coordination Compounds by Electrochemical Parameters. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1473-1482.	2.0	61
147	Mild, Single-Pot Hydrocarboxylation of Gaseous Alkanes to Carboxylic Acids in Metal-Free and Copper-Promoted Aqueous Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 9485-9493.	3.3	61
148	Recent Advances in Cascade Reactions Initiated by Alcohol Oxidation. <i>ChemCatChem</i> , 2017, 9, 217-246.	3.7	61
149	Chalcogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214556.	18.8	61
150	Heteronuclear iron(III)-chromium(III) hydroxo complexes and hydroxides, and their catalytic activity towards peroxidative oxidation of alkanes. <i>Journal of Molecular Catalysis A</i> , 2003, 206, 163-178.	4.8	60
151	Cyclohexane oxidation with dioxygen catalyzed by supported pyrazole rhenium complexes. <i>Journal of Molecular Catalysis A</i> , 2008, 285, 92-100.	4.8	60
152	Oxidations of cycloalkanes and benzene by hydrogen peroxide catalyzed by an {Fe(III)N ₂ S ₂ } centre. <i>Applied Catalysis A: General</i> , 2009, 353, 107-112.	4.3	60
153	Single-pot template transformations of cyanopyridines on a Pd(II) centre: syntheses of ketoimine and 2,4-dipyridyl-1,3,5-triazapentadiene palladium(II) complexes and their catalytic activity for microwave-assisted Suzuki-Miyaura and Heck reactions. <i>Dalton Transactions</i> , 2009, , 3074.	3.3	60
154	Synthesis, characterization, solid-state photo-luminescence and anti-tumor activity of zinc(II) 4 ⁺ -phenyl-terpyridine compounds. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 704-711.	3.5	60
155	Synthesis, DNA binding, cellular DNA lesion and cytotoxicity of a series of new benzimidazole-based Schiff base copper(II) complexes. <i>Dalton Transactions</i> , 2015, 44, 19983-19996.	3.3	60
156	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. <i>Journal of Molecular Catalysis A</i> , 2011, 351, 100-111.	4.8	59
157	Microwave-assisted and solvent-free peroxidative oxidation of 1-phenylethanol to acetophenone with a Cu(II)-TEMPO catalytic system. <i>Catalysis Communications</i> , 2014, 48, 69-72.	3.3	59
158	TEMPO in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213482.	18.8	59
159	Environmentally benign benzyl alcohol oxidation and C-C coupling catalysed by amide functionalized 3D Co(II) and Zn(II) metal organic frameworks. <i>Journal of Catalysis</i> , 2020, 385, 324-337.	6.2	59
160	Syntheses, Spectroscopy, and Redox Properties of Fluoro-Carbyne and Derived Fluoro-Vinylidene Complexes of Rhenium and of Analogous Chloro Complexes. <i>Organometallics</i> , 1997, 16, 4469-4478.	2.3	58
161	Pop-the-Cork Strategy in Synthetic Utilization of Imines: Stabilization by Complexation and Activation via Liberation of the Ligated Species. <i>Inorganic Chemistry</i> , 2003, 42, 3602-3608.	4.0	58
162	Coordination chemistry of 1,3,5-triazapentadienes. <i>Coordination Chemistry Reviews</i> , 2011, 255, 339-355.	18.8	58

#	ARTICLE	IF	CITATIONS
163	Copper(II) Complexes with Schiff Bases Containing a Disiloxane Unit: Synthesis, Structure, Bonding Features and Catalytic Activity for Aerobic Oxidation of Benzyl Alcohol. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1458-1474.	2.0	58
164	Synthesis, structure and catalytic application of lead(II) complexes in cyanosilylation reactions. <i>Dalton Transactions</i> , 2015, 44, 268-280.	3.3	58
165	Formation of carbyne-like ligands by the protonation of isonitriles ligating electron-rich metal centres; X-ray structure of trans-[Mo(CNMe) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 708.	2.0	57
166	An Infinite Two-Dimensional Hybrid Water-Chloride Network, Self-Assembled in a Hydrophobic Terpyridine Iron(II) Matrix. <i>Crystal Growth and Design</i> , 2008, 8, 782-785.	3.0	57
167	Metal-Mediated [2+3] Cycloaddition of Nitrones to Palladium-Bound Isonitriles. <i>Chemistry - A European Journal</i> , 2009, 15, 5969-5978.	3.3	57
168	Heterometallic Cu/Co and Cu/Co/Zn Complexes Bearing Rare Asymmetric Tetranuclear Cores: Synthesis, Structures, and Magnetic and Catalytic Properties Toward the Peroxidative Oxidation of Cycloalkanes. <i>Inorganic Chemistry</i> , 2011, 50, 4401-4411.	4.0	57
169	Novel Coordination Polymers with (Pyrazolato)-Based Tectons: Catalytic Activity in the Peroxidative Oxidation of Alcohols and Cyclohexane. <i>Crystal Growth and Design</i> , 2015, 15, 2303-2317.	3.0	57
170	Oxidation of olefins with H ₂ O ₂ catalysed by salts of group III metals (Ga, In). <i>Tetrahedron Letters</i> , 2000, 41, 1343-1356.	4.1	57
171	1,3-Dipolar Cycloaddition of Nitrones to Free and Pt-Bound Nitriles. A Theoretical Study of the Activation Effect, Reactivity, and Mechanism. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6108-6120.	2.5	56
172	Areneruthenium(II) 4-Acyl-5-pyrazolonate Derivatives: Coordination Chemistry, Redox Properties, and Reactivity. <i>Inorganic Chemistry</i> , 2007, 46, 8245-8257.	4.0	56
173	A hydroperoxo-rebound mechanism of alkane oxidation with hydrogen peroxide catalyzed by binuclear manganese(IV) complex in the presence of an acid with involvement of atmospheric dioxygen. <i>Inorganica Chimica Acta</i> , 2017, 455, 666-676.	2.4	56
174	A new family of luminescent compounds: platinum(II) imidoamidinates exhibiting pH-dependent room temperature luminescence. <i>Dalton Transactions</i> , 2006, , 3798-3805.	3.3	55
175	Hydrogen bond assisted activation of a dinitrile towards nucleophilic attack. <i>Chemical Communications</i> , 2011, 47, 7248.	4.1	55
176	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. <i>Dalton Transactions</i> , 2017, 46, 8649-8657.	3.3	55
177	Evidence for a Michaelis-Menten Type Mechanism in the Electrocatalytic Oxidation of Mercaptopropionic Acid by an Amine Model. <i>Journal of the American Chemical Society</i> , 1996, 118, 7568-7573.	13.7	54
178	Conversion of alkanenitriles to amidines and carboxylic acids mediated by a cobalt(II)-ketoxime system. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1569-1573.	1.3	54
179	Hydrolytic Metal-Mediated Coupling of Dialkylcyanamides at a Pt(IV) Center Giving a New Family of Diimino Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 7560-7568.	4.0	54
180	Novel Palladium-Aminocarbene Species Derived from Metal-Mediated Coupling of Isonitriles and 1,3-Diiminoisoindoline: Synthesis and Catalytic Application in Suzuki-Miyaura Cross-Coupling. <i>Organometallics</i> , 2012, 31, 2379-2387.	2.3	54

#	ARTICLE	IF	CITATIONS
181	Alkoxy-1,3,5-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. <i>Chemistry - A European Journal</i> , 2012, 18, 899-914.	3.3	54
182	Trinuclear Cu ^{II} Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3959-3969.	2.0	54
183	Copper(II) arylhydrazone complexes as catalysts for C-H activation in the Henry reaction in water. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 526-533.	4.8	54
184	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , 2020, 416, 213332.	18.8	54
185	Direct Addition of Alcohols to Organonitriles Activated by Ligation to a Platinum(IV) Center. <i>Inorganic Chemistry</i> , 2002, 41, 2041-2053.	4.0	53
186	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. <i>Inorganic Chemistry Communication</i> , 2012, 22, 187-189.	3.9	53
187	Cooperative Metal-Ligand Assisted E/Z Isomerization and Cyano Activation at Cu ^{II} and Co ^{II} Complexes of Arylhydrazones of Active Methylene Nitriles. <i>Inorganic Chemistry</i> , 2014, 53, 9946-9958.	4.0	53
188	A heterometallic (Fe ₆ Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016, 6, 48165-48180.	3.6	53
189	Unsymmetrical Ni ^{II} -Imidoamidate Complexes Derived from a Novel Oxime-Mediated Single-Pot Reaction of Nitriles. <i>Chemistry - A European Journal</i> , 2007, 13, 786-791.	3.3	52
190	Copper(II) complexes of arylhydrazones of 1,2-diketones immobilized on Zn-Al layered double hydroxides as effective recyclable catalysts for peroxidative oxidation of alkanes. <i>Applied Catalysis A: General</i> , 2012, 439-440, 15-23.	4.3	52
191	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4-phenyl-terpyridine compounds. <i>Dalton Transactions</i> , 2016, 45, 5339-5355.	3.3	52
192	Reactivity of carbyne and carbene complexes of molybdenum and tungsten. <i>Transition Metal Chemistry</i> , 1980, 5, 55-59.	1.4	51
193	Metal-assisted coupling of oximes and nitriles: a synthetic, structural and theoretical study. <i>Dalton Transactions RSC</i> , 2000, , 4683-4693.	2.3	51
194	Oxidation of hydrocarbons with hydrogen peroxide catalyzed by maltolato vanadium complexes covalently bonded to silica gel. <i>Catalysis Communications</i> , 2007, 8, 1516-1520.	3.3	51
195	Scorpionate complexes of vanadium(III or IV) as catalyst precursors for solvent-free cyclohexane oxidation with dioxygen. <i>Pure and Applied Chemistry</i> , 2009, 81, 1217-1227.	1.9	51
196	Trends in properties of 1,3,5-trisubstituted 3-(phenylhydrazo)pentane-2,4-diones. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 764-773.	1.9	51
197	Synthesis, characterization, photoluminescent and thermal properties of zinc(II) 4-phenyl-terpyridine compounds. <i>New Journal of Chemistry</i> , 2013, 37, 1529.	2.8	51
198	Oxorhenium Complexes Bearing the Water-Soluble Tris(pyrazol-1-yl)methanesulfonate, 1,3,5-Triaza-7-phosphaadamantane, or Related Ligands, as Catalysts for Baeyer-Villiger Oxidation of Ketones. <i>Inorganic Chemistry</i> , 2013, 52, 4534-4546.	4.0	51

#	ARTICLE	IF	CITATIONS
199	Di- and tri-organotin(IV) complexes of arylhydrazones of methylene active compounds and their antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 67-73.	1.8	51
200	Catalytic oxidation of cyclohexane with hydrogen peroxide and a tetracopper(II) complex in an ionic liquid. <i>Comptes Rendus Chimie</i> , 2015, 18, 758-765.	0.5	51
201	High Catalytic Activity of Vanadium Complexes in Alkane Oxidations with Hydrogen Peroxide: An Effect of 8-Hydroxyquinoline Derivatives as Noninnocent Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 1824-1839.	4.0	51
202	Nitrile \rightarrow Amidine Coupling at Pt(IV) and Pt(II) Centers. An Easy Entry to Imidoamidine Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 5152-5160.	4.0	50
203	(E)-2-(2-(2-hydroxyphenyl)hydrazono)-1-phenylbutane-1,3-dione: Tautomerism and coordination to copper(II). <i>Inorganica Chimica Acta</i> , 2011, 374, 175-180.	2.4	50
204	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. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1310-1318.	1.8	50
205	Aquasoluble iron(III)-arylhydrazone- β^2 -diketone complexes: Structure and catalytic activity for the peroxidative oxidation of C ₅ –C ₈ cycloalkanes. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 72-77.	3.5	50
206	Palladium-ADC complexes as efficient catalysts in copper-free and room temperature Sonogashira coupling. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 162-171.	4.8	50
207	Sulfonated Schiff base dinuclear and polymeric copper(II) complexes: crystal structures, magnetic properties and catalytic application in Henry reaction. <i>New Journal of Chemistry</i> , 2015, 39, 3424-3434.	2.8	50
208	Iron(III) and cobalt(III) complexes with both tautomeric (keto and enol) forms of arylhydrazone ligands: catalysts for the microwave assisted oxidation of alcohols. <i>RSC Advances</i> , 2016, 6, 8079-8088.	3.6	50
209	DNA and BSA binding and cytotoxic properties of copper(II) and iron(III) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands. <i>New Journal of Chemistry</i> , 2017, 41, 4076-4086.	2.8	50
210	Preparation, structure, and redox properties of isocyanide complexes of molybdenum(0) and tungsten(0). <i>Journal of the Chemical Society Dalton Transactions</i> , 1978, , 165.	1.1	49
211	Microwave synthesis of mono- and bis-tetrazolato complexes via 1,3-dipolar cycloaddition of organonitriles with platinum(II)-bound azides. <i>Dalton Transactions</i> , 2007, , 5297.	3.3	49
212	Ion Pairs of 5,5-dimethyl-2-(2-hydroxy-3,5-disulfophenylhydrazo)cyclohexane-1,3-dione with Cationic Surface-Active Substances as Analytical Reagent for Determination of Copper(II). <i>Analytical Letters</i> , 2010, 43, 2923-2938.	1.8	49
213	Oxadiazoline and ketoimine palladium(II) complexes supported on a chitosan membrane and their catalytic activity for the microwave-assisted Suzuki–Miyaura cross-coupling in water. <i>Applied Catalysis A: General</i> , 2011, 397, 94-102.	4.3	49
214	Copper(II) complexes with a new carboxylic-functionalized arylhydrazone of β^2 -diketone as effective catalysts for acid-free oxidations. <i>New Journal of Chemistry</i> , 2012, 36, 1646.	2.8	49
215	Vanadium(V) Complexes with Substituted 1,5-bis(2-hydroxybenzaldehyde)carbohydrazones and Their Use As Catalyst Precursors in Oxidation of Cyclohexane. <i>Inorganic Chemistry</i> , 2016, 55, 9187-9203.	4.0	49
216	Copper(II) complexes with carboxylic- or sulfonic-functionalized arylhydrazones of acetoacetanilide and their application in cyanosilylation of aldehydes. <i>Journal of Organometallic Chemistry</i> , 2017, 834, 22-27.	1.8	49

#	ARTICLE	IF	CITATIONS
217	Preparation of the isocyanide complexes trans-[ReCl(CNR)(dppe)2] (R = Me or But) and their reactions with acid to give carbyne complexes. X-Ray crystal structure of trans-[ReCl(CNHMe)(dppe)2][BF4]. Journal of the Chemical Society Dalton Transactions, 1981, , 1629.	1.1	48
218	Isocyanide derivatives of ferrocene. Preparation, complexation and redox properties. Journal of Organometallic Chemistry, 1987, 335, 239-247.	1.8	48
219	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{Zi-N(H)C(NHPri)Me}]Cl2·4H2O and trans-[PtCl2(NCMe){Ei-N(H)C(NMeBut)Me}]. Inorganica Chimica Acta, 2002, 330, 229-239.	2.4	48
220	3-(para-Substituted phenylhydrazo)pentane-2,4-diones: Physicochemical and solvatochromic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 219, 159-165.	3.9	48
221	Theory of the Formation and Decomposition of N-Heterocyclic Aminoxy-carbenes through Metal-Assisted [2+3] Dipolar Cycloaddition/Retro-Cycloaddition. Chemistry - A European Journal, 2013, 19, 2874-2888.	3.3	48
222	Aqua complex of iron(III) and 5-chloro-3-(2-(4,4-dimethyl-2,6-dioxocyclohexylidene)hydrazinyl)-2-hydroxybenzenesulfonate: Structure and catalytic activity in Henry reaction. Journal of Molecular Structure, 2013, 1048, 108-112.	3.6	48
223	Chlorido-Bridged Dimanganese(II) Complexes of the Schiff Base Derived from [2+2] Condensation of 2,6-Diformyl-4-methylphenol and 1,3-Bis(3-aminopropyl)tetramethyldisiloxane: Structure, Magnetism, Electrochemical Behaviour, and Catalytic Oxidation of Secondary Alcohols. European Journal of Inorganic Chemistry, 2014, 2014, 120-131.	2.0	48
224	Halogen-bonded tris(2,4-bis(trichloromethyl)-1,3,5-triazapentadienato)-M(iii) [M = Mn, Fe, Co] complexes and their catalytic activity in the peroxidative oxidation of 1-phenylethanol to acetophenone. New Journal of Chemistry, 2014, 38, 4807-4815.	2.8	48
225	Resonance Assisted Chalcogen Bonding as a New Synthons in the Design of Dyes. Chemistry - A European Journal, 2020, 26, 14833-14837.	3.3	48
226	Vanadium-catalyzed carboxylation of linear and cyclic C and C alkanes. Journal of Catalysis, 2005, 235, 333-340.	6.2	47
227	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
228	Heterometallic Copper(II)-Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of 1,2-Diketones. Crystal Growth and Design, 2011, 11, 4247-4252.	3.0	47
229	Coordination Chemistry of the (p-cymene)ruthenium(II) Fragment with Bis-, Tris-, and Tetrakis(pyrazol-1-yl)borate Ligands: Synthesis, Structural, Electrochemical, and Catalytic Diastereoselective Nitroaldol Reaction Studies. Organometallics, 2011, 30, 1616-1626.	2.3	47
230	Radical decomposition of hydrogen peroxide catalyzed by aqua complexes [M(H2O)]2+ (M = Be, Zn, Cd). Journal of Catalysis, 2014, 313, 135-148.	6.2	47
231	Lanthanide derivatives comprising arylhydrazones of 1,2-diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. Dalton Transactions, 2015, 44, 5602-5610.	3.3	47
232	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
233	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-phenylethanol. Journal of Molecular Catalysis A, 2017, 426, 506-515.	4.8	47
234	Tetrel, halogen and hydrogen bonds in bis(4-((E)-2,2-dichloro-1-(4-substitutedphenyl)vinyl)but-3-en-2-yl)ditetrel, halogen and hydrogen bonds in bis(4-((E)-2,2-dichloro-1-(4-substitutedphenyl)vinyl)but-3-en-2-yl)ditetrel. Journal of Molecular Catalysis A, 2017, 426, 377-381.	3.7	47

#	ARTICLE	IF	CITATIONS
235	Ligand Design for <i>N</i> - or <i>O</i> - <i>N</i> - <i>N</i> -Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. <i>Inorganic Chemistry</i> , 2018, 57, 14123-14133.	4.0	47
236	Facile rhenium(IV)-mediated coupling of acetonitrile and oximes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 4083-4086.	1.1	46
237	Direct and efficient transformation of gaseous alkanes into carboxylic acids catalyzed by vanadium containing heteropolyacids. <i>Applied Catalysis A: General</i> , 2007, 332, 159-165.	4.3	46
238	2-Dihydromethylpiperazinedium-M ^{II} (M ^{II} = Cu ^{II} , Fe ^{II} ,) Tj ETQq0 0 0 rgBT /Overlock 10 nitroaldol (Henry) reaction. <i>Dalton Transactions</i> , 2013, 42, 399-406.	3.3	46
239	Synthesis, structure and catalytic applications of amidoterephthalate copper complexes in the diastereoselective Henry reaction in aqueous medium. <i>New Journal of Chemistry</i> , 2014, 38, 4837-4846.	2.8	46
240	Alkane oxidation with peroxides catalyzed by cage-like copper(<i>ii</i>) silsesquioxanes. <i>New Journal of Chemistry</i> , 2015, 39, 187-199.	2.8	46
241	Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1-Phenylethanol. <i>ChemCatChem</i> , 2016, 8, 2254-2266.	3.7	46
242	Highly efficient and reusable CNT supported iron(<i>ii</i>) catalyst for microwave assisted alcohol oxidation. <i>Dalton Transactions</i> , 2016, 45, 6816-6819.	3.3	46
243	Effective cyanosilylation of aldehydes with copper(II)-based polymeric catalysts. <i>Molecular Catalysis</i> , 2017, 428, 17-23.	2.0	46
244	Pnicogen, halogen and hydrogen bonds in (E)-1-(2,2-dichloro-1-(2-nitrophenyl)vinyl)-2-(para-substituted) Tj ETQq0 0 0 rgBT /Overlock 10	3.7	46
245	Addition reactions of primary and secondary aliphatic amines to the benzonitrile ligands in cis- and trans-[PtCl ₂ (NCPh) ₂] complexes. X-ray structure of the amidine complex trans-[PtCl ₂ {Z-N(H)C(NHBut)Ph} ₂]. <i>Inorganica Chimica Acta</i> , 2002, 334, 437-447.	2.4	45
246	Theoretical study of redox induced isomerizations, structure and bonding of nitrile, isocyanide and carbonyl complexes of rhenium. <i>Dalton Transactions</i> , 2003, , 738-747.	3.3	45
247	Microwave-assisted [2 + 3] cycloaddition of nitrones to platinum-(ii) and -(iv) bound organonitriles. <i>Dalton Transactions</i> , 2003, , 2540-2543.	3.3	45
248	Peroxidative oxidation of benzene and mesitylene by vanadium catalysts. <i>Journal of Molecular Catalysis A</i> , 2004, 224, 189-195.	4.8	45
249	Rhenium complexes of tris(pyrazolyl)methanes and sulfonate derivative. <i>Dalton Transactions</i> , 2006, , 4954.	3.3	45
250	New water-soluble azido- and derived tetrazolato-platinum(ii) complexes with PTA. Easy metal-mediated synthesis and isolation of 5-substituted tetrazoles. <i>Dalton Transactions</i> , 2008, , 6546.	3.3	45
251	Role of substituents on resonance assisted hydrogen bonding <i>vs.</i> intermolecular hydrogen bonding. <i>CrystEngComm</i> , 2020, 22, 628-633.	2.6	45
252	Conversion of alk-1-yne into alkyne, alkynyl, alkylidyne and alkylidene complexes of molybdenum and tungsten. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1775.	1.1	44

#	ARTICLE	IF	CITATIONS
253	Rhodium(III)-mediated oxime-nitrile coupling giving chelated iminoacylated species. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3047-3052.	1.1	44
254	Water-Soluble Copper(II) Complexes with a Sulfonic-Functionalized Arylhydrazone of 1,2-Diketone and Their Application in Peroxidative Allylic Oxidation of Cyclohexene. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2305-2313.	2.0	44
255	Supported Gold Nanoparticles as Reusable Catalysts for Oxidation Reactions of Industrial Significance. <i>ChemCatChem</i> , 2017, 9, 1211-1221.	3.7	44
256	Novel Reactivity Mode of Hydroxamic Acids: A Metalla-Pinner Reaction. <i>Inorganic Chemistry</i> , 2002, 41, 2981-2986.	4.0	43
257	Structure, Electrochemistry and Hydroformylation Catalytic Activity of the Bis(pyrazolylborato)rhodium(I) Complexes [RhBp(CO)P] [P = P(NC ₄ H ₄) ₃ , PPh ₃ , PCy ₃ , P(C ₆ H ₄ OMe-4) ₃]. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1411-1419.	2.0	43
258	Unprecedented Metal-Free C(sp ³)-C(sp ³) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. <i>Organometallics</i> , 2009, 28, 1683-1687.	2.3	43
259	Polynuclear Copper(II) Complexes as Catalysts for the Peroxidative Oxidation of Cyclohexane in a Room-Temperature Ionic Liquid. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4541-4550.	2.0	43
260	Amide functionalized metal-organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. <i>RSC Advances</i> , 2015, 5, 87400-87410.	3.6	43
261	Nanoporous lanthanide metal-organic frameworks as efficient heterogeneous catalysts for the Henry reaction. <i>CrystEngComm</i> , 2016, 18, 1337-1349.	2.6	43
262	Building 1,2,4-Thiadiazole: Ten Years of Progress. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2670-2682.	2.4	43
263	N ₂ O-Free single-pot conversion of cyclohexane to adipic acid catalysed by an iron scorpionate complex. <i>Green Chemistry</i> , 2017, 19, 1499-1501.	9.0	43
264	Organometallic Compounds in Cancer Therapy: Past Lessons and Future Directions. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1199-1212.	1.7	43
265	Protonation of isonitriles ligating molybdenum(0) and tungsten(0) at nitrogen giving complexes of carbyne and carbene ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 492.	1.1	42
266	A novel route to metallacyclopropene (η^2 -vinyl) complexes from alkynes: synthesis and X-ray crystal structure of trans-[ReCl(η^5 -C(CH ₂ Ph)CH ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1125-1127.	2.0	42
267	Synthesis of alkylidyne complexes of rhenium by protonation of the vinylidene complexes trans-[ReCl(η^5 -C \equiv CHR)-(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = alkyl or aryl): crystal structure of trans-[Re(η^5 -C ₄ H ₇)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1988, 352, C5-C7.	1.8	42
268	Protonation of the nitrite ligand versus protonation of rhenium at cis- or trans-[ReCl(NCC ₆ H ₄ R-4)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R \rightarrow Cl, F, Me or MeO). A mechanistic study. <i>Journal of Organometallic Chemistry</i> , 1993, 461, 141-145.	1.8	42
269	The first direct observation of N-O bond cleavage in the oxidative addition of an oxime to a metal centre. Synthesis and crystal structure of the methyleneamide complex trans-[Re(OH)(N=CMe ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][HSO ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 325-326.	1.1	42
270	Selective single-pot oxidation of cyclohexane by molecular oxygen in presence of bis(maltolato)oxovanadium complexes covalently bonded to carbamated modified silica gel. <i>Journal of Molecular Catalysis A</i> , 2005, 239, 96-102.	4.8	42

#	ARTICLE	IF	CITATIONS
271	Syntheses and properties of Re(III) complexes derived from hydrotris(1-pyrazolyl)methanes: molecular structure of [ReCl ₂ (HCpz ₃)(PPh ₃)] [BF ₄]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1947-1958.	1.8	42
272	The double-helicate terpyridine silver(I) compound [Ag ₂ L ₂](SO ₃ CF ₃) ₂ (L=4-phenyl-terpyridine) as a building block for di- and mononuclear complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 2921-2926.	2.4	42
273	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 137-144.	5.6	42
274	Preparation and redox properties of the complexes trans-[ReL ₂ (dppe) ₂]BF ₄ (L = CO or isocyanide). Estimate of the oxidation potential of octahedral 18-electron complexes with 14-electron square planar metal centres and of related electrochemical parameters for derived 16-electron sites. <i>Inorganica Chimica Acta</i> , 1985, 103, 95-103.	2.4	41
275	Coordination chemistry of CNH ₂ , the simplest aminocarbyne. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 65-69.	1.8	41
276	Sulfonated Schiff base Sn(IV) complexes as potential anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 83-95.	3.5	41
277	Peroxides in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2021, 437, 213859.	18.8	41
278	Redox potential, ligand and structural effects in rhodium(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 174-181.	1.8	40
279	Activation of Organonitriles toward ¹² -Electrophilic Attack. Synthesis and Characterization of Methyleneamide (Azavinylidene) Complexes of Rhenium. <i>Inorganic Chemistry</i> , 2002, 41, 219-228.	4.0	40
280	Reactivity of Coordinated Nitriles. , 2003, , 639-660.		40
281	Highly Efficient Direct Carboxylation of Propane into Butyric Acids Catalyzed by Vanadium Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1765-1774.	4.3	40
282	Extending the Coordination Chemistry of 1,3,5-Triaza-7-phosphaadamantane (PTA) to Cobalt Centers: First Examples of Co-PTA Complexes and of a Metal Complex with the PTA Oxide Ligand. <i>Inorganic Chemistry</i> , 2008, 47, 2922-2924.	4.0	40
283	Decamethylsocene-catalyzed efficient oxidation of saturated and aromatic hydrocarbons and alcohols with hydrogen peroxide in the presence of pyridine. <i>Journal of Catalysis</i> , 2011, 277, 164-172.	6.2	40
284	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu ₃ (μ ₃ -OH)(μ ₄ -pz) ₃] ₂ + and 4-Bypyridine. <i>Crystal Growth and Design</i> , 2012, 12, 2890-2901.	3.0	40
285	Oxidation of Olefins with Hydrogen Peroxide Catalyzed by Bismuth Salts: A Mechanistic Study. <i>ACS Catalysis</i> , 2015, 5, 3823-3835.	11.2	40
286	Microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol with monomeric keto and polymeric enol aroylhydrazone Cu(II) complexes. <i>Molecular Catalysis</i> , 2017, 439, 224-232.	2.0	40
287	High-Cluster (Cu ₉) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2018, 57, 11524-11529.	4.0	40
288	Hydrosoluble Cu-DAPTA complexes: synthesis, characterization, luminescence thermochromism and catalytic activity for microwave-assisted three-component azide-alkyne cycloaddition click reaction. <i>Dalton Transactions</i> , 2018, 47, 7290-7299.	3.3	40

#	ARTICLE	IF	CITATIONS
289	Recent developments in molecular sensor designs for inorganic pyrophosphate detection and biological imaging. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213744.	18.8	40
290	Synthesis, Characterization, and Study of the Redox Properties of Rhenium(V) and Rhenium(III) Compounds with Tetrakis(pyrazol-1-yl)borate. <i>Inorganic Chemistry</i> , 1994, 33, 4729-4737.	4.0	39
291	Cis addition of dimethylamine to the coordinated nitriles of cis- and trans-[PtCl ₂ (NCMe) ₂]. X-ray structure of the amidine complex cis-[PtCl ₂ {E-N(H)T...C(NMe ₂)Me} ₂]A·CH ₂ Cl ₂ . <i>Inorganic Chemistry Communication</i> , 2001, 4, 275-280.	3.9	39
292	Supported bis(maltolato)oxovanadium complexes as catalysts for cyclopentane and cyclooctane oxidations with dioxygen. <i>Journal of Molecular Catalysis A</i> , 2007, 265, 59-69.	4.8	39
293	Activation of C≡CN bond of propionitrile: An alternative route to the syntheses of 5-substituted-1H-tetrazoles and dicyano-platinum(II) species. <i>Polyhedron</i> , 2008, 27, 2883-2888.	2.2	39
294	Cobalt and Zinc Compounds Bearing 1,10-Phenanthroline-5,6-dione or 1,3,5-Triaza-7-phosphaadamantane Derivatives – Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3651-3658.	2.0	39
295	Cobalt Complexes with Pyrazole Ligands as Catalyst Precursors for the Peroxidative Oxidation of Cyclohexane: X-ray Absorption Spectroscopy Studies and Biological Applications. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1132-1143.	3.3	39
296	Polynuclear Heterometallic Complexes from Metal Powders: The Direct Synthesis Approach. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4496-4517.	2.0	39
297	Copper(II) and cobalt(II) tetrazole-saccharinate complexes as effective catalysts for oxidation of secondary alcohols. <i>Journal of Molecular Catalysis A</i> , 2016, 425, 283-290.	4.8	39
298	Noncovalent interactions in the design of bis-azo dyes. <i>CrystEngComm</i> , 2019, 21, 5032-5038.	2.6	39
299	The reactions of isonitrile complexes of molybdenum(0) and tungsten(0) with alkylating agents to give carbyne (aminomethylene) complexes. <i>Journal of Organometallic Chemistry</i> , 1980, 184, 357-364.	1.8	38
300	The aminocarbyne ligand CNH ₂ : metal-centred synthesis from a cyanosilane, preparation and X-ray structure of trans-[ReCl(CNH ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]BF ₄ . <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 246.	2.0	38
301	Redox properties of the carbyne, aminocarbyne and 1,2-vinyl complexes trans-[ReCl(LH)(dppe) ₂][BF ₄] (LH → Tj ETQq1 1 0.784314) compounds. <i>Journal of Organometallic Chemistry</i> , 1988, 356, C79-C82.	1.8	38
302	A novel route to methyleneamido ligands by protonation of nitriles ligating an electron-rich centre. Synthesis of trans-[ReCl(NCR)(dppe) ₂] (R = alkyl or aryl, dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂) and [ReCl(Ni†CHC ₆ H ₄ OMe-4)(dppe) ₂][BF ₄]. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1052-1053.	2.0	38
303	Bifunctional activation of cyanoguanidine. Synthesis and molecular structure of the azametallacycle cis-[(PPh ₃) ₂ Pt{NHC(OMe)=NC(NH ₂)=NH}][BPh ₄]. <i>Inorganica Chimica Acta</i> , 1997, 265, 267-270.	2.4	38
304	Mononuclear diorganotin(IV) complexes with arylhydroxamates: syntheses, structures and assessment of <i>in vitro</i> cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2007, 21, 919-925.	3.5	38
305	Biological characterization of the antiproliferative potential of Co(II) and Sn(IV) coordination compounds in human cancer cell lines: a comparative proteomic approach. <i>Drug Metabolism and Drug Interactions</i> , 2013, 28, 167-176.	0.3	38
306	Oxidation of hydrocarbons with H ₂ O ₂ catalyzed by osmium complexes containing p-cymene ligands in acetonitrile. <i>Catalysis Science and Technology</i> , 2014, 4, 3214-3226.	4.1	38

#	ARTICLE	IF	CITATIONS
307	Iminoacylation. <i>Inorganica Chimica Acta</i> , 1999, 292, 272-275.	2.4	37
308	First observation of metal-mediated nitrile-imine coupling giving ligated 1,3-diaza-1,3-dienes. <i>Dalton Transactions RSC</i> , 2001, , 560-566.	2.3	37
309	Coordination chemistry of CNH, the simplest isocyanide. <i>Inorganic Chemistry Communication</i> , 2001, 4, 585-597.	3.9	37
310	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. <i>Polyhedron</i> , 2003, 22, 1335-1340.	2.2	37
311	Unusual Reaction between (Nitrile)Pt Complexes and Pyrazoles: A Substitution Proceeds via Metal-Mediated Nitrile-Pyrazole Coupling Followed by Elimination of the Nitrile. <i>Inorganic Chemistry</i> , 2006, 45, 5073-5083.	4.0	37
312	Metal-Free and Pd-Promoted [2+3] Cycloadditions of a Cyclic Nitron to Phthalonitriles: Syntheses of Oxadiazolines as well as Phthalamide-Pd and Dihydropyrrolyl-iminoisoindolinone-Pd Complexes with High Catalytic Activity in Suzuki-Miyaura Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 9312-9322.	3.3	37
313	First example of an imine addition to coordinated isonitrile. <i>Inorganica Chimica Acta</i> , 2009, 362, 833-838.	2.4	37
314	New Fe and Cu Complexes Bearing Azathia Macrocycles as Catalyst Precursors for Mild Peroxidative Oxidation of Cyclohexane and 1-Phenylethanol. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3781-3790.	2.0	37
315	ADC-metal complexes as effective catalysts for hydrosilylation of alkynes. <i>Journal of Catalysis</i> , 2014, 309, 79-86.	6.2	37
316	An η^2 -allene complex of rhenium formed from an alkyne: X-ray structure of $[\text{ReCl}(\eta^2\text{-H}_2\text{C}=\text{C}=\text{CHPh})(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 992-993.	2.0	36
317	Syntheses and properties of cyanamide and cyanoguanidine complexes of platinum(II). X-Ray structure of trans- $[\text{Pt}(\text{CF}_3)(\text{NCNEt}_2)(\text{PPh}_3)_2][\text{BF}_4]$. <i>Journal of Organometallic Chemistry</i> , 1995, 490, 89-99.	1.8	36
318	Mechanism of the Formation of Carbyne Complexes of Rhenium upon Protonation of Vinylidene Precursors. <i>Organometallics</i> , 1997, 16, 5441-5448.	2.3	36
319	1,3-Dipolar cycloaddition of nitrile oxides to free and Pt-bound nitriles: a theoretical study of the activation effect, reactivity and mechanism. <i>Inorganica Chimica Acta</i> , 2003, 356, 85-94.	2.4	36
320	Mixed Dinitrogen-Organocyanamide Complexes of Molybdenum(0) and Their Protic Conversion into Hydrazide and Amidoazavinylidene Derivatives. <i>Inorganic Chemistry</i> , 2003, 42, 2157-2164.	4.0	36
321	Stereospecific Synthesis of Polysubstituted E-Olefins by Reaction of Acyclic Nitrones with Free and Platinum(II) Coordinated Organonitriles. <i>Journal of Organic Chemistry</i> , 2007, 72, 750-755.	3.2	36
322	Water-soluble and stable dinitrogen phosphine complexes trans- $[\text{ReCl}(\text{N}_2)_2(\text{PTA-H})_n(\text{PTA})_{4-n}]^+$ ($n = 0-4$), the first with 1,3,5-triaza-7-phosphaadamantane. <i>Dalton Transactions</i> , 2008, , 87-91.	3.3	36
323	Oxadiazoline and Ketoimine Palladium(II) Complexes as Highly Efficient Catalysts for Suzuki-Miyaura Cross-Coupling Reactions in Supercritical Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1153-1160.	4.3	36
324	Electrophilic η^2 -addition to isocyanide, cyanide and alkyne-derived ligands. <i>Polyhedron</i> , 1989, 8, 1595-1600.	2.2	35

#	ARTICLE	IF	CITATIONS
325	Chemistry and electrochemistry of phosphonium-functionalized isocyanide and derived carbene and indole complexes of Group 6 transition-metal carbonyls. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2827.	1.1	35
326	Tetranuclear Copper(II) Complexes with Macrocyclic and Open-Chain Disiloxane Ligands as Catalyst Precursors for Hydrocarboxylation and Oxidation of Alkanes and 1-Phenylethanol. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4946-4956.	2.0	35
327	Platinum Complexes with Chelating Acyclic Aminocarbene Ligands Work as Catalysts for Hydrosilylation of Alkynes. <i>ACS Omega</i> , 2018, 3, 863-871.	3.5	35
328	Heterogenized Calcium-Scorpionate Iron(II) Complex on Nanostructured Carbon Materials as Recyclable Catalysts for Microwave-Assisted Oxidation Reactions. <i>ChemCatChem</i> , 2018, 10, 1821-1828.	3.7	35
329	Platinum(IV)-mediated coupling of dione monoximes and nitriles: a novel reactivity pattern of the classic oxime-based chelating ligands. <i>New Journal of Chemistry</i> , 2002, 26, 1085-1091.	2.8	34
330	Oxyfunctionalization of n-pentane and n-hexane by oxovanadium complexes supported on carbamated modified silica gel. <i>Applied Catalysis A: General</i> , 2006, 304, 185-194.	4.3	34
331	Novel and Mild Route to Phthalocyanines and 3-Iminoisoindolin-1-ones via N,N-diethylhydroxylamine-Promoted Conversion of Phthalonitriles and a Dramatic Solvent-Dependence of the Reaction. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 135-142.	4.3	34
332	Comparative Theoretical Study of 1,3-Dipolar Cycloadditions of Allyl-Anion Type Dipoles to Free and Pt-Bound Nitriles. <i>Journal of Organic Chemistry</i> , 2010, 75, 1474-1490.	3.2	34
333	Solvent-Free Microwave-Induced Oxidation of Alcohols Catalyzed by Ferrite Magnetic Nanoparticles. <i>Catalysts</i> , 2017, 7, 222.	3.5	34
334	Syntheses, properties and Mössbauer studies of cyanamide and cyanoguanidine complexes of iron(II). Crystal structures of trans-[FeH(NCNH ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄] and trans-[Fe(NCNEt ₂) ₂ (Et ₂ PCH ₂ CH ₂ PEt ₂) ₂][BF ₄] ₂ . <i>Inorganica Chimica Acta</i> , 1999, 291, 39-48.	2.4	33
335	Metal-mediated hydrolysis of the oxime C=N bond to produce Rh(III)-bound O-iminoacylated MeC(=NH)ONH ₂ species. <i>Dalton Transactions RSC</i> , 2000, , 1567-1572.	2.3	33
336	Synthesis of (1,2,4-Oxadiazole)palladium(II) Complexes by [2 + 3] Cycloaddition of Nitrile Oxides to Organonitriles in the Presence of PdCl ₂ . <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 845-853.	2.0	33
337	Pd(II)-promoted [2 + 3] cycloaddition of pyrroline N-oxide to organonitriles. Application of (1 ¹ 4-1,2,4-oxadiazoline)-Pd(II) complexes in the Suzuki-Miyaura reaction. <i>Dalton Transactions</i> , 2009, , 2210.	3.3	33
338	Insights into the mechanisms underlying the antiproliferative potential of a Co(II) coordination compound bearing 1,10-phenanthroline-5,6-dione: DNA and protein interaction studies. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 787-803.	2.6	33
339	Addition of N-nucleophiles to gold(III)-bound isocyanides leading to short-lived gold(III) acyclic diaminocarbene complexes. <i>New Journal of Chemistry</i> , 2017, 41, 3246-3250.	2.8	33
340	Hyrido-complexes of molybdenum and tungsten with isonitrile and carbyne-type ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1979, , 1585.	1.1	32
341	Reactions of 1-alkynes with trans-[ReCl(N ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]: preparation of the vinylidene compounds trans-[ReCl(=C≡CHR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = alkyl or aryl) and X-ray structure of trans-[ReCl(=C≡CPh)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 2381-2387.	1.1	32
342	Iminoacylation. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 499-504.	2.4	32

#	ARTICLE	IF	CITATIONS
343	Interplay between Nitrones and (Nitrile)PdII Complexes: Cycloaddition vs. Complexation Followed by Cyclopalladation and Deoxygenation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3042-3048.	2.0	32
344	Allenylidene Iron(II) Complexes and Their Deprotonation, Nucleophilic Addition Reactions, and Cathodic Protonation toward Alkynyl Derivatives: A Chemical and Electrochemical Study. <i>Organometallics</i> , 2005, 24, 4654-4665.	2.3	32
345	Switching between Ir^{II} and Ir^{III} Bis(pyrazol-1-yl)acetate Ligands by Tuning Reaction Conditions: Synthesis, Spectral, Electrochemical, Structural, and Theoretical Studies on Arene-Ru(II) Derivatives of Bis(azol-1-yl)acetate Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 6096-6108.	4.0	32
346	Copper(II) and iron(III) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands as catalysts for oxidation of alcohols. <i>New Journal of Chemistry</i> , 2016, 40, 10071-10083.	2.8	32
347	Tuning Cyclohexane Oxidation: Combination of Microwave Irradiation and Ionic Liquid with the C-Scorpionate $[\text{FeCl}_2(\text{Tpm})]$ Catalyst. <i>Organometallics</i> , 2017, 36, 192-198.	2.3	32
348	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 471, 130-136.	2.4	32
349	Cyanide and methylisocyanide complexes of rhenium(I) $[\text{NBu}_4][\text{ReX}(\text{CN})(\text{dppe})_2]$ ($\text{X} \rightarrow \text{Cl}$ or CN ; $\text{dppe} \rightarrow \text{1,1'-bis(diphenylphosphino)ethane}$) $\text{trans-}[\text{ReX}(\text{CNMe})(\text{dppe})_2]$ ($\text{X} \rightarrow \text{H}$ or Cl). <i>Journal of Organometallic Chemistry</i> , 1994, 469, 79-87.	1.8	31
350	Kinetic and Thermodynamic Aspects of the Regioselective Addition of Bifunctional Hydroxylaminooxime-type HO-Nucleophiles to Pt-Complexed Nitriles. <i>Inorganic Chemistry</i> , 2006, 45, 2296-2306.	4.0	31
351	Copper(I) Iodide Complexes Derived from <i>N</i> -Alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, Crystal Structures, Photoluminescence, and Identification of the Unprecedented $\{\text{Cu}_3\mu_3\text{I}\mu_5\text{I}\}^{2+}$ Cluster. <i>Organometallics</i> , 2009, 28, 6425-6431.	2.3	31
352	Molybdenum Complexes Bearing the Tris(1-pyrazolyl)methanesulfonate Ligand: Synthesis, Characterization and Electrochemical Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2415-2424.	2.0	31
353	Mild oxidative alkane functionalization with peroxides in the presence of ferrocene. <i>Catalysis Communications</i> , 2013, 31, 32-36.	3.3	31
354	Ni^{II} , Cu^{II} and Zn^{II} complexes with a sterically hindered scorpionate ligand (TpmS^{Ph}) and catalytic application in the diastereoselective nitroaldol (Henry) reaction. <i>Dalton Transactions</i> , 2014, 43, 15192-15200.	3.3	31
355	Sulfonated Schiff base copper(II) complexes as efficient and selective catalysts in alcohol oxidation: syntheses and crystal structures. <i>RSC Advances</i> , 2015, 5, 90079-90088.	3.6	31
356	Mn^{II} and Cu^{II} complexes with arylhydrazones of active methylene compounds as effective heterogeneous catalysts for solvent- and additive-free microwave-assisted peroxidative oxidation of alcohols. <i>RSC Advances</i> , 2015, 5, 25979-25987.	3.6	31
357	Aroylhydrazone Cu(II) Complexes in keto Form: Structural Characterization and Catalytic Activity towards Cyclohexane Oxidation. <i>Molecules</i> , 2016, 21, 425.	3.8	31
358	A benzimidazole-based new fluorogenic differential/sequential chemosensor for Cu^{2+} , Zn^{2+} , CN^- , $\text{P}2\text{O}7^{4-}$, DNA, its live-cell imaging and pyrosequencing applications. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129785.	7.8	31
359	Synthesis of the cyanamide-derived bis(cyanoimido) complexes $\text{trans-}[\text{M}(\text{NCN})_2(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ ($\text{M} = \text{Co}, \text{Ni}, \text{Cu}, \text{Zn}$). <i>Inorganic Chemistry</i> , 1989, 371, C45-C47.	1.8	30
360	Coordination chemistry of nitriles and cyanamide at electron-rich metal centres. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 179-186.	2.4	30

#	ARTICLE	IF	CITATIONS
361	Synthesis, spectroscopic, magnetic and electrochemical properties of Cu(II) and Fe(III) complexes with the new ligand N,N'-[1,1'-dithiobis(phenyl)]bis(5-methoxysalicylaldehyde). <i>Inorganica Chimica Acta</i> , 1996, 244, 25-36.	2.4	30
362	1,3,5-Triazapentadiene Nickel(II) Complexes Derived from a Ketoxime-Mediated Single-Pot Transformation of Nitriles. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2425-2432.	2.0	30
363	Magnetic, high-field EPR studies and catalytic activity of Schiff base tetranuclear Cu ₂ Fe ₂ complexes obtained by direct synthesis. <i>Dalton Transactions</i> , 2013, 42, 16909.	3.3	30
364	Reactions of a cyanosilane with an iron(II) centre. Synthesis and crystal structure of the isocyanotriphenylborate complex trans-[FeH(CNBPh ₃)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] and anodic deprotonation of the hydrogen isocyanide (CNH) analogue. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 467-472.	1.1	29
365	Synthesis and Electrochemical and Theoretical Studies of Fischer-Type Alkenyl-Carbyne Tungsten Complexes [(dppe)(CO) ₂ (RNC)W{C≡CCHCCH ₂ CH ₂ (CH ₂) _n CH ₂ }[BF ₄] (R = Alkyl, Aryl). <i>Organometallics</i> , 2001, 20, 2782-2793.	2.3	29
366	Metal-Hydride Bond Activation and Metal-Metal Interaction in Dinuclear Iron Complexes with Linking Dinitriles: A Synthetic, Electrochemical, and Theoretical Study. <i>Inorganic Chemistry</i> , 2002, 41, 6456-6467.	4.0	29
367	Regioselective HON-addition of bifunctional hydrazone oximes to Pt(IV)-bound nitriles Dedicated to Professor Ilya I. Moiseev on the occasion of his 75th birthday. <i>Dalton Transactions</i> , 2004, , 1097.	3.3	29
368	Design of Silver(I)-PTA Coordination Polymers through Controlled N,P-Coordination of 1,3,5-Triaza-7-phosphaadamantane (PTA) with Arylcarboxylates. <i>Crystal Growth and Design</i> , 2010, 10, 5244-5253.	3.0	29
369	Baeyer-Villiger oxidation of ketones catalysed by rhenium complexes bearing N- or oxo-ligands. <i>Applied Catalysis A: General</i> , 2012, 443-444, 27-32.	4.3	29
370	Hexanuclear and undecanuclear iron(III) carboxylates as catalyst precursors for cyclohexane oxidation. <i>Dalton Transactions</i> , 2013, 42, 14388.	3.3	29
371	Simple soluble Bi(III) salts as efficient catalysts for the oxidation of alkanes with H ₂ O ₂ . <i>Catalysis Science and Technology</i> , 2015, 5, 2174-2187.	4.1	29
372	Reaction of sodium 2-(2-(2,4-dioxopentan-3-ylidene)hydrazinyl) benzenesulfonate with ethylenediamine on Cu(II) and Ni(II) centres: efficient Cu(II) homogeneous catalysts for cyanosilylation of aldehydes. <i>RSC Advances</i> , 2016, 6, 54263-54269.	3.6	29
373	Green oxidation of cyclohexane catalyzed by recyclable magnetic transition-metal silica coated nanoparticles. <i>Catalysis Communications</i> , 2019, 125, 15-20.	3.3	29
374	Non-Covalent Interactions in Enantioselective Organocatalysis: Theoretical and Mechanistic Studies of Reactions Mediated by Dual H-Bond Donors, Bifunctional Squaramides, Thioureas and Related Catalysts. <i>Catalysts</i> , 2021, 11, 569.	3.5	29
375	Structural and electronic comparison of 15- to 17-electron dichloro-complexes of molybdenum and rhenium: electrochemical behaviour and crystal structures of trans-[ReCl ₂ (dppe) ₂]A (A = Cl or BF ₄). <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3015-3023.	1.1	28
376	Aminocarbonyl coupling reactions at M(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ (M = Mo or W) sites. Synthesis and properties of the diaminoacetylene complexes trans-[MX(1,2-MeHNC≡C-NHMe)-(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]A (X = F, Cl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1183-1191.	1.1	28
377	Different chlorination modes of oximes: chlorination of salicylaldehyde coordinated to platinum. <i>Inorganica Chimica Acta</i> , 1999, 285, 116-121.	2.4	28
378	Mixed unsymmetric oxadiazoline and/or imine platinum(II) complexes. <i>Dalton Transactions</i> , 2007, , 3259.	3.3	28

#	ARTICLE	IF	CITATIONS
379	Synthesis, Reactivity, X-ray Crystal Structures and Electrochemical Behaviour of Water-soluble [Tris(pyrazolyl)borato]ruthenium(II) Complexes of 1,3,5-triaza-7-phosphaadamantane (PTA). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5523-5532.	2.0	28
380	Pt(II)-Promoted [2 + 3] Cycloaddition of Azide to Cyanopyridines: Convenient Tool toward Heterometallic Structures. <i>Inorganic Chemistry</i> , 2008, 47, 11334-11341.	4.0	28
381	Isocyanide Complexes with Platinum and Palladium and Their Reactivity toward Cycloadditions with Nitrones to Form Aminoxy-carbenes: A Theoretical Study. <i>Organometallics</i> , 2009, 28, 6593-6602.	2.3	28
382	A cyclic tetranuclear cuboid type copper(II) complex doubly supported by cyclohexane-1,4-dicarboxylate: molecular and supramolecular structure and cyclohexane oxidation activity. <i>RSC Advances</i> , 2014, 4, 48449-48457.	3.6	28
383	Catalytic behaviour of a novel Fe(III) Schiff base complex in the mild oxidation of cyclohexane. <i>Catalysis Science and Technology</i> , 2015, 5, 1801-1812.	4.1	28
384	A sulfonated Schiff base dimethyltin(IV) coordination polymer: synthesis, characterization and application as a catalyst for ultrasound- or microwave-assisted Baeyer-Villiger oxidation under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 78225-78233.	3.6	28
385	A Cu(II) MOF with a flexible bifunctionalised terpyridine as an efficient catalyst for the single-pot hydrocarboxylation of cyclohexane to carboxylic acid in water/ionic liquid medium. <i>Dalton Transactions</i> , 2016, 45, 12779-12789.	3.3	28
386	Biomolecular interaction, catecholase like activity and alkane oxidation in ionic liquids of a phenylcarbohydrazone-based monocopper(II) complex. <i>Inorganica Chimica Acta</i> , 2016, 450, 426-436.	2.4	28
387	Mixed ligand arylhydrazone and N-donor heterocyclic Lewis base Cu(II) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 267-275.	3.5	28
388	Platinum and palladium complexes with tetrazole ligands: Synthesis, structure and applications. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214132.	18.8	28
389	Reactions of trans-[ReCl(N2)(Ph2PCH2CH2PPh2)2] with terminal acetylenes. Preparation and crystal structure of the vinylidene complex trans-[ReCl(C≡CHPh)(Ph2PCH2CH2PPh2)2]. <i>Journal of Organometallic Chemistry</i> , 1984, 277, C7-C10.	1.8	27
390	Preparation and properties of mer-[ReCl(N2)(CNR){P(OMe)3}3] (R = Me, Et, But, C6H4Me-4, or C6H4Cl-4) and [ReCl(N2)(CNMe)(PPh3){P(OEt)3}2]. X-Ray crystal structure of mer-[ReCl(N2)(CNMe){P(OMe)3}3] and reductive cleavage of the isocyanide ligands to primary amines upon protonation. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 2079.	1.1	27
391	Novel synthesis of a phosphinidene oxide-IP(RP≡O, R = ButCH2) complex of rhenium(I) from a phosphalkyne precursor. Crystal and molecular structure of [ReCl(Ph2PCH2CH2PPh2)2{P(O)CH2But}]. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 645-646.	2.0	27
392	Synthesis, Structure, and Electrochemistry of Palladium Complexes with Camphor-Derived Chiral Ligands. <i>Inorganic Chemistry</i> , 1994, 33, 6270-6277.	4.0	27
393	Rates and Mechanism of Oxidative Two-Electron-Transfer-Induced cis to trans Isomerization of the Nitrile Complex [ReCl(NCC6H4Me-4)(Ph2PCH2CH2PPh2)2]. <i>Organometallics</i> , 1994, 13, 3943-3951.	2.3	27
394	Unprecedented single-pot synthesis of nitrile-derived ketoimino platinum(II) complexes by ring opening of 1,4,2,4-oxadiazolines. <i>Dalton Transactions</i> , 2004, , 2741-2745.	3.3	27
395	Ni(II)-Mediated Coupling between Iminoisoindolinones and Nitriles Leading to Unsymmetrical 1,3,5-Triazapentadienato Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 3088-3094.	4.0	27
396	Crystal engineering with 1,3,5-triaza-7-phosphaadamantane (PTA): first PTA-driven 3D metal-organic frameworks. <i>CrystEngComm</i> , 2011, 13, 6329.	2.6	27

#	ARTICLE	IF	CITATIONS
397	A new cyclic binuclear Ni(II) complex as a catalyst towards nitroaldol (Henry) reaction. <i>Catalysis Communications</i> , 2014, 57, 103-106.	3.3	27
398	Zinc(II) and Copper(II) Metal-Organic Frameworks Constructed from a Terphenyl-4,4'-dicarboxylic Acid Derivative: Synthesis, Structure, and Catalytic Application in the Cyanosilylation of Aldehydes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5557-5567.	2.0	27
399	Catalytic Activity of Polynuclear vs. Dinuclear Arylhydrazone Cu(II) Complexes in Microwave-Assisted Oxidation of Neat Aliphatic and Aromatic Hydrocarbons. <i>Molecules</i> , 2019, 24, 47.	3.8	27
400	Water oxidation with transition metal catalysts with non-innocent ligands and its mechanisms. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213911.	18.8	27
401	Synthesis and electrochemical behaviour of the cyanamide-isocyanide complexes of rhenium, trans-[ReL(CNR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] ⁺ (L = NCNH ₂ or NCNH ⁺). <i>Journal of Organometallic Chemistry</i> , 1991, 410, 347-355.	1.8	26
402	Electron-Transfer-Induced Geometrical Isomerization of the Dinitrile Complexes cis-[Re(NCR) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄] (R = Aryl, Alkyl): Rates, Mechanism, and Ligand Effects. <i>Inorganic Chemistry</i> , 1998, 37, 2344-2350.	4.0	26
403	Amidines Derived from Pt(IV)-Mediated Nitrile-Amino Alcohol Coupling and Their Zn(II)-Catalyzed Conversion into Oxazolines. <i>Inorganic Chemistry</i> , 2003, 42, 2805-2813.	4.0	26
404	Copper-mediated imine-nitrile coupling leading to unsymmetric 1,3,5-triazapentadienato complexes containing the incorporated iminoisoindolin-1-one moiety. <i>Dalton Transactions</i> , 2008, , 5220.	3.3	26
405	Cyclic Trinuclear Diorganotin(IV) Complexes - The First Tin Compounds Bearing Oximehydroxamate Ligands: Synthesis, Structural Characterization and High In Vitro Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3765-3769.	2.0	26
406	Dimeric diorganotin(IV) complexes with arylhydrazones of β^2 -diketones: synthesis, structures, cytotoxicity and apoptosis properties. <i>RSC Advances</i> , 2015, 5, 45053-45060.	3.6	26
407	Zinc amidoisophthalate complexes and their catalytic application in the diastereoselective Henry reaction. <i>New Journal of Chemistry</i> , 2015, 39, 3004-3014.	2.8	26
408	Copper(II) complex of the 2-pyridinecarbaldehyde aminoguanidine Schiff base: Crystal structure and catalytic behaviour in mild oxidation of alkanes. <i>Inorganic Chemistry Communication</i> , 2017, 78, 85-90.	3.9	26
409	Synthesis and catalytic activities of a Zn based metallomacrocyclic and a metal-organic framework towards one-pot deacetalization-Knoevenagel tandem reactions under different strategies: a comparative study. <i>Dalton Transactions</i> , 2020, 49, 8075-8085.	3.3	26
410	Stepwise reduction of a phosphalkyne Pt-C bond to a phosphalkene and a phosphine at the FeH(dppe) ₂ centre. Crystal and molecular structure of the η^1 -co-ordinated phosphalkyne complex trans-[FeH(η^1 -Pt-CBut)(dppe) ₂][BPh ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3319-3324.	1.1	25
411	Optically Active Mixed Unsymmetric Imine Platinum(II) Complexes - Utilization of the Liberated Imines for Further Syntheses of Mixed Imine-Diazadiene Complexes and of (E)-Cyanoalkenes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3668-3677.	2.0	25
412	Reactivity of Pt- and Pd-bound nitriles towards nitrile oxides and nitrones: substitution vs. cycloaddition. <i>Dalton Transactions</i> , 2008, , 1312.	3.3	25
413	Synthesis of mono- and bis-tetrazolato complexes of Ni(II), Pt(II) and Cu(II) via 1,3-dipolar cycloadditions of 2-cyanopyridines with metal ligated azides in N,N,O-aminoiminophenolato complexes. <i>Dalton Transactions</i> , 2009, , 4778.	3.3	25
414	New diamondoid-like [Cu ₃ B(η^4 -O) ₆] core self-assembled from Bis-Tris biobuffer for mild hydrocarboxylation of alkanes to carboxylic acids. <i>Dalton Transactions</i> , 2011, 40, 6378.	3.3	25

#	ARTICLE	IF	CITATIONS
415	Microwave synthesis of bis(tetrazolato)-PdII complexes with PPh ₃ and water-soluble 1,3,5-triaza-7-phosphaadamantane (PTA). The first example of C≡CN bond cleavage of propionitrile by a PdII Centre. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3513-3520.	1.8	25
416	Tautomerism and acid-base properties of some azoderivatives of benzoylacetone. <i>Journal of Molecular Liquids</i> , 2011, 162, 84-88.	4.9	25
417	Gold nanoparticles deposited on surface modified carbon materials as reusable catalysts for hydrocarboxylation of cyclohexane. <i>Applied Catalysis A: General</i> , 2017, 547, 124-131.	4.3	25
418	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1804-1813.	3.7	25
419	CO ₂ + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates. <i>Journal of Supercritical Fluids</i> , 2018, 132, 71-75.	3.2	25
420	Vanadium complexes of different nuclearities in the catalytic oxidation of cyclohexane and cyclohexanol – an experimental and theoretical investigation. <i>New Journal of Chemistry</i> , 2019, 43, 17557-17570.	2.8	25
421	Preparation of isocyanide and mixed dinitrogen-isocyanide complexes of rhenium(I) from reactions of trans-[ReCl(N ₂)(PMe ₂ Ph) ₄], mer-[Re(S ₂ PPh ₂)(N ₂)(PMe ₂ Ph) ₃], or mer-[Re(S ₂ CNEt ₂)(N ₂)(PMe ₂ Ph) ₃] with methyl isocyanide; crystal structure of mer-[Re(S ₂ PPh ₂)(N ₂)(CNMe)(PMe ₂ Ph) ₃]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 319-325.	1.1	24
422	Ab initio study of the protic conversion of an allene into an η^2 -vinyl complex of Re, and on their structure, bonding and redox behaviour. <i>Dalton Transactions RSC</i> , 2000, , 4413-4421.	2.3	24
423	Activation of cyanamide by a molybdenum(0) diphosphinic centre. Formation of cyanoimide and its reactivity with electrophiles. <i>Dalton Transactions RSC</i> , 2002, , 1791-1799.	2.3	24
424	Benzene ring assembly promoted by a camphor derived palladium complex. <i>Journal of Organometallic Chemistry</i> , 2003, 679, 143-147.	1.8	24
425	Synthesis of the water-soluble [Rh(Tpms)(CO)(PTA)] compound, the first transition metal complex bearing the 1,3,5-triaza-7-phosphaadamantane (PTA) and the tris(1-pyrazolyl)methanesulfonate (Tpms) ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2338-2344.	1.8	24
426	Synthesis, structure and electrochemical behaviour of Na, MgII, MnII, ZnII, CdII and NiII complexes of 3-(2-carboxyphenylhydrazono)pentane-2,4-dione. <i>Polyhedron</i> , 2013, 50, 374-382.	2.2	24
427	New p-tolylimido rhenium(III) complexes with carboxylate-based ligands: synthesis, structures and their catalytic potential in oxidations with peroxides. <i>Dalton Transactions</i> , 2014, 43, 5759-5776.	3.3	24
428	V(IV), Fe(II), Ni(II) and Cu(II) complexes bearing 2,2,2-tris(pyrazol-1-yl)ethyl methanesulfonate: application as catalysts for the cyclooctane oxidation. <i>New Journal of Chemistry</i> , 2016, 40, 528-537.	2.8	24
429	Copper(II) tetrazolato complexes: Role in oxidation catalysis and protein binding. <i>Polyhedron</i> , 2017, 132, 53-63.	2.2	24
430	A green methodology for the selective catalytic oxidation of styrene by magnetic metal-transition ferrite nanoparticles. <i>Catalysis Communications</i> , 2018, 116, 10-15.	3.3	24
431	Arylhydrazono ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. <i>Dalton Transactions</i> , 2019, 48, 1774-1785.	3.3	24
432	New Oxidovanadium(IV) Complexes with 2,2'-bipyridine and 1,10-phenanthroline Ligands: Synthesis, Structure and High Catalytic Activity in Oxidations of Alkanes and Alcohols with Peroxides. <i>Catalysts</i> , 2019, 9, 217.	3.5	24

#	ARTICLE	IF	CITATIONS
433	Urea and thiourea based coordination polymers and metal-organic frameworks: Synthesis, structure and applications. <i>Coordination Chemistry Reviews</i> , 2022, 453, 214314.	18.8	24
434	Highly Efficient Adsorptive Removal of Organic Dyes from Aqueous Solutions Using Polyaromatic Group-Containing Zn(II)-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2022, 22, 2248-2265.	3.0	24
435	Preparation and properties of the nitrile complexes trans-[ReCl(NCR)(dppe) ₂] (R = alkyl or aryl). <i>Polyhedron</i> , 1989, 8, 1872-1873.	2.2	23
436	Electron-transfer activation of the aminocarbyne and the hydrogen isocyanide complexes trans-[ReCl(CNH _n)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄] ⁿ⁻¹ (n=2 or 1). Interconversion of coordinated CNH ₂ and CNH. <i>Inorganica Chimica Acta</i> , 1994, 226, 9-16.	2.4	23
437	Complexes of Mn(II) and Mn(III) with the Schiff base N-[2-(3-ethylindole)]pyridoxalimine. Electrochemical study of these and related Ni(II) and Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 1997, 255, 279-288.	2.4	23
438	Direct synthesis of (imine)platinum(ii) complexes by iminoacylation of ketoximes with activated organonitrile ligands. <i>Dalton Transactions</i> , 2006, , 5062.	3.3	23
439	Unusual shift of a nitro group in a phenylhydrazo- <i>l</i> ² -diketone. <i>Dalton Transactions</i> , 2011, 40, 12472.	3.3	23
440	Persistent Hydrogen-Bonded and Non-Hydrogen-Bonded Phenoxyl Radicals. <i>Chemistry - A European Journal</i> , 2011, 17, 11882-11892.	3.3	23
441	Highly efficient divanadium(V) pre-catalyst for mild oxidation of liquid and gaseous alkanes. <i>Applied Catalysis A: General</i> , 2013, 460-461, 82-89.	4.3	23
442	Syntheses and crystal structures of benzene-sulfonate and -carboxylate copper polymers and their application in the oxidation of cyclohexane in ionic liquid under mild conditions. <i>Dalton Transactions</i> , 2016, 45, 13957-13968.	3.3	23
443	Supported Scorpionate Vanadium(IV) Complexes as Reusable Catalysts for Xylene Oxidation. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1915-1919.	3.3	23
444	Stereospecific sp ³ 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.	4.3	23
445	Peroxidative Oxidation of Alkanes and Alcohols under Mild Conditions by Di- and Tetranuclear Copper (II) Complexes of Bis (2-Hydroxybenzylidene) Isophthalohydrazide. <i>Molecules</i> , 2018, 23, 2699.	3.8	23
446	New Trends in Enantioselective Cross-Dehydrogenative Coupling. <i>Catalysts</i> , 2020, 10, 529.	3.5	23
447	Preparation and X-ray structure of [ReCl(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of Organometallic Chemistry</i> , 1983, 248, c26-c28.	1.8	22
448	Mononuclear alkynyl, alkenyl, alkylidyne and alkylidene complexes of molybdenum and tungsten from reactions of 1-alkynes with hydride complexes. Crystal Structure of [WH ₂ (C≡ ¹ / ₄ CCO ₂ Me) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of Organometallic Chemistry</i> , 1988, 350, C4-C7.	1.8	22
449	Electrochemical behaviour of trans-[FeH(CNR)(dppe) ₂] ⁺ . Kinetic parameters determined by digital simulation of cyclic voltammetry. <i>Journal of Organometallic Chemistry</i> , 1992, 438, 159-165.	1.8	22
450	Aminocarbyne coupling reactions at M(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ (M = Mo or W) sites. Detailed mechanistic studies on the protonation of co-ordinated isocyanides and coupling of ligands in trans-[M(CNR) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = But or Me). <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1193.	1.1	22

#	ARTICLE	IF	CITATIONS
451	Oxidation of Saturated Hydrocarbons to Alkyl Hydroperoxides by a $\text{H}_2\text{O}_2/\text{Titanosilicalite-1}/\text{NaOH}/\text{MeCN}$ ™ System. <i>Catalysis Letters</i> , 2008, 123, 135-141.	2.6	22
452	Oxidation of Pt-bound <i>Bis</i> -hydroxylamine as a Novel Route to Unexplored Dinitrosoalkane Ligated Species. <i>Inorganic Chemistry</i> , 2008, 47, 6919-6930.	4.0	22
453	Marked Stabilization of Redox States and Enhanced Catalytic Activity in Galactose Oxidase Models Based on Transition Metal <i>S</i> -Methylisothiosemicarbazones with SR Group in Ortho Position to the Phenolic Oxygen. <i>Inorganic Chemistry</i> , 2013, 52, 7524-7540.	4.0	22
454	An unprecedented octanuclear copper core with C_3i symmetry and a paramagnetic ground state. <i>Chemical Communications</i> , 2014, 50, 3431.	4.1	22
455	Phenyl carbohydrazone conjugated 2-oxoindoline as a new scaffold that augments the DNA and BSA binding affinity and anti-proliferative activity of a 1,10-phenanthroline based copper(II) complex. <i>Inorganica Chimica Acta</i> , 2014, 423, 183-193.	2.4	22
456	Greener Selective Cycloalkane Oxidations with Hydrogen Peroxide Catalyzed by Copper-5-(4-pyridyl)tetrazolate Metal-Organic Frameworks. <i>Molecules</i> , 2015, 20, 19203-19220.	3.8	22
457	Amavadin and Homologues as Mediators of Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1489-1492.	13.8	22
458	Copper(II) and Sodium(I) Complexes based on 3,7-Diacetyl-1,3,7-triazaphosphabicyclo[3.3.1]nonane-5-oxide: Synthesis, Characterization, and Catalytic Activity. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2868-2880.	3.3	22
459	Phenoxazinone synthase-like catalytic activity of novel mono- and tetranuclear copper(<i>ii</i>) complexes with 2-benzylaminoethanol. <i>Dalton Transactions</i> , 2020, 49, 4710-4724.	3.3	22
460	Influence of anchoring moieties on new benzimidazole-based Schiff base copper(<i>ii</i>) complexes towards estrogen dependent breast cancer cells. <i>Dalton Transactions</i> , 2021, 50, 3701-3716.	3.3	22
461	Halogen bonding in cadmium(<i>ii</i>) MOFs: its influence on the structure and on the nitroaldol reaction in aqueous medium. <i>Dalton Transactions</i> , 2022, 51, 1019-1031.	3.3	22
462	The substitution reactions of <i>cis</i> -[M(N ₂) ₂ (PMe ₂ PH) ₄] (M = MO or W) and <i>trans</i> -[MO(N ₂) ₂ (PMePH ₂) ₄] with isonitriles: An nmr study. <i>Journal of Organometallic Chemistry</i> , 1980, 190, 297-304.	1.8	21
463	Hydride to carbene migration at platinum(II). Synthesis and x-ray structure of [cyclic <i>cis</i> [(PPh ₃) ₂ Pt[C(H)SCH ₂ CH ₂ S]]BF ₄]. <i>Organometallics</i> , 1993, 12, 2372-2376.	2.3	21
464	Formation of vinyl and dithioformate metallacycles by insertion of an ester-functionalized alkyne or carbon disulfide into an FeH bond: crystal structure of <i>cis</i> -[Fe(CHCHCOOMe)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1996, 524, 63-66.	1.8	21
465	Synthesis, Structural Characterisation and Electrochemical Studies of Neutral Alkenylcarbyne Tungsten Complexes Bearing Chelating Bidentate and Tridentate Phosphanes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 1707-1715.	2.0	21
466	Aminocarbyne and isocyanide complexes of rhenium. Crystal structures of <i>trans</i> -[ReCl(CNR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = H or SiMe ₃). <i>Dalton Transactions RSC</i> , 2000, , 373-380.	2.3	21
467	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 845-847.	2.0	21
468	Kinetic and Mechanistic Study of the Pt(II) versus Pt(IV) Effect in the Platinum-Mediated Nitrile-Hydroxylamine Coupling. <i>Inorganic Chemistry</i> , 2005, 44, 2944-2953.	4.0	21

#	ARTICLE	IF	CITATIONS
469	Direct synthesis and crystal structure of a new pentanuclear heterotrimetallic Cu/Co/Ni complex with 2-(dimethylamino)ethanol. Discussion of possible "butterfly-like" molecular structure types. <i>CrystEngComm</i> , 2011, 13, 5348.	2.6	21
470	Ruthenium(II) Arene Complexes Bearing Tris(pyrazolyl)methanesulfonate Capping Ligands. Electrochemistry, Spectroscopic, and X-ray Structural Characterization. <i>Organometallics</i> , 2011, 30, 6180-6188.	2.3	21
471	Synthesis, characterization and heterogeneous catalytic application of copper integrated mesoporous matrices. <i>Dalton Transactions</i> , 2014, 43, 3215-3226.	3.3	21
472	Solvent-Free Microwave-Assisted Peroxidative Oxidation of Alcohols Catalyzed by Iron(III)-TEMPO Catalytic Systems. <i>Catalysis Letters</i> , 2015, 145, 2066-2076.	2.6	21
473	Zn ^{II} and Cd ^{II} MOFs based on an amidoisophthalic acid ligand: synthesis, structure and catalytic application in transesterification. <i>RSC Advances</i> , 2016, 6, 89007-89018.	3.6	21
474	Sulfonated Schiff base dimeric and polymeric copper(II) complexes: Temperature dependent synthesis, crystal structure and catalytic alcohol oxidation studies. <i>Inorganica Chimica Acta</i> , 2017, 455, 549-556.	2.4	21
475	Gold Nanoparticles Deposited on Surface Modified Carbon Xerogels as Reusable Catalysts for Cyclohexane C-H Activation in the Presence of CO and Water. <i>Molecules</i> , 2017, 22, 603.	3.8	21
476	1D Copper(II)-Aroylhydrazone Coordination Polymers: Magnetic Properties and Microwave Assisted Oxidation of a Secondary Alcohol. <i>Frontiers in Chemistry</i> , 2020, 8, 157.	3.6	21
477	Reactions of alkynes at mononuclear electron-rich transition metal centres. <i>Journal of Organometallic Chemistry</i> , 1988, 358, 273-282.	1.8	20
478	Synthesis of the σ -1-phosphaalkyne complex trans-[FeH(Pt ⁻ 1/4CBut)(dppe) ₂][BF ₄] and its conversion into a σ -1-fluorophosphaalkene complex. Crystal structure of trans-[FeH(PF ⁻ 1/4CHBut)(dpee) ₂][FeCl ₂ F ₂]. <i>Journal of Organometallic Chemistry</i> , 1991, 402, C23-C26.	1.8	20
479	Syntheses and properties of organocyanamide, cyanoguanidine and dinitrogen complexes of rhenium. Crystal structure of mer-[ReCl ₂ (NCNEt ₂)(PMePh ₂) ₃]. <i>Inorganica Chimica Acta</i> , 1998, 280, 308-315.	2.4	20
480	Mono and Dinuclear Tungsten Alkenyl-Carbyne Complexes Bridged by Cyanide and Diisocyanide Ligands: Synthesis, Electrochemical- and 183W-NMR Studies. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 341-350.	2.0	20
481	Unusual pathways for the reaction between [MCl ₂ (Me ₂ SO) ₄] (M = Os, Ru) and hydrazine dihydrochloride: deoxygenation of sulfoxides vs. coordination of hydrazinium. <i>Dalton Transactions RSC</i> , 2000, , 1363-1371.	2.3	20
482	Comparative behaviours of phospho-alkynes and alkynes at electron-rich phosphinic metal centres. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 215-226.	1.8	20
483	Photoinduced synthesis and electrochemical properties of new ruthenium(mono)bipyridine dialkylcyanamide and propionitrile complexes. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2368-2377.	1.8	20
484	Synthesis and Coordination Chemistry of a New N ₄ -Polydentate Class of Pyridyl-Functionalized Scorpionate Ligands: Complexes of Fe ^{II} , Zn ^{II} , Ni ^{II} , V ^{IV} , Pd ^{II} and Use for Heterobimetallic Systems. <i>Inorganic Chemistry</i> , 2010, 49, 7941-7952.	4.0	20
485	Unprecedented Mixed-Valence Cu(I)/Cu(II) Complex Derived from N-Methyl-1,3,5-triaza-7-phosphaadamantane: Synthesis, Structural Features, and Magnetic Properties. <i>Organometallics</i> , 2012, 31, 7921-7925.	2.3	20
486	Metal Azolate/Carboxylate Frameworks as Catalysts in Oxidative and C-C Coupling Reactions. <i>Inorganic Chemistry</i> , 2016, 55, 5804-5817.	4.0	20

#	ARTICLE	IF	CITATIONS
487	Synthesis of Metallomacrocyclic and Coordination Polymers with Pyridine-Based Amidocarboxylate Ligands and Their Catalytic Activities towards the Henry and Knoevenagel Reactions. <i>ChemistryOpen</i> , 2018, 7, 865-877.	1.9	20
488	Copper complexes bearing C-scorpionate ligands: Synthesis, characterization and catalytic activity for azide-alkyne cycloaddition in aqueous medium. <i>Inorganica Chimica Acta</i> , 2018, 483, 371-378.	2.4	20
489	The chemical oxidation and electronic spectra of the complexes $-\text{[M(CNR)}_2(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2]$ (M =) Tj ETQq1 1.0.784314 rgBT /C	1.8	19
490	Electrochemically induced dehydrogenation of the hydride complexes $[\text{ReClH}(\text{NCR})(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2][\text{BF}_4]$. A mechanistic study. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1289.	2.0	19
491	Synthesis and X-ray crystal structure of $\text{trans-}[\text{MoF}(\eta\text{-}^1/4\text{CCH}_2\text{ tBu})(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2][\text{BF}_4]$, a paramagnetic alkylidynefluorocomplex. <i>Journal of Organometallic Chemistry</i> , 1992, 434, C6-C9.	1.8	19
492	Aminocarbyne coupling reactions leading to the bis(amino)acetylene complexes		

#	ARTICLE	IF	CITATIONS
505	Synthesis, characterization and study of the redox properties of rhenium(V) diolates. <i>Inorganica Chimica Acta</i> , 1998, 271, 65-74.	2.4	18
506	Cationic phenyl and chloro-platinum(II) complexes with cyanamides and cyanoguanidine. X-ray structure of trans-[Pt(Ph)(NCNMe ₂)(PPh ₃) ₂][BPh ₄]. <i>Inorganica Chimica Acta</i> , 2002, 334, 395-402.	2.4	18
507	Nickel(II)-2-amino-4-alkoxy-1,3,5-triazapentadienate complexes as catalysts for Heck and Henry reactions. <i>RSC Advances</i> , 2016, 6, 29159-29163.	3.6	18
508	DNA and BSA binding, anticancer and antimicrobial properties of Co(II), Co(III), Cu(II) and Ag(I) complexes of arylhydrazones of barbituric acid. <i>RSC Advances</i> , 2016, 6, 4237-4249.	3.6	18
509	Catalytic Performance of Fe(II)-Scorpionate Complexes towards Cyclohexane Oxidation in Organic, Ionic Liquid and/or Supercritical CO ₂ Media: A Comparative Study. <i>Catalysts</i> , 2017, 7, 230.	3.5	18
510	Highly Efficient Bifunctional Amide Functionalized Zn and Cd Metal Organic Frameworks for One-Pot Cascade Deacetalization-Knoevenagel Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 699.	3.6	18
511	The role of nanoporous carbon materials in catalytic cyclohexane oxidation. <i>Catalysis Today</i> , 2020, 357, 46-55.	4.4	18
512	Cd(II) coordination compounds as heterogeneous catalysts for microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol. <i>New Journal of Chemistry</i> , 2020, 44, 9163-9171.	2.8	18
513	The Stereoselective Nitro-Mannich Reaction in the Synthesis of Active Pharmaceutical Ingredients and Other Biologically Active Compounds. <i>Frontiers in Chemistry</i> , 2020, 8, 30.	3.6	18
514	Recent Developments in Enantioselective Organocatalytic Cascade Reactions for the Construction of Halogenated Ring Systems. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3938-3969.	2.4	18
515	Mechanism of displacement of dinitrogen from cis-[Mo(N ₂) ₂ (PMe ₂ Ph) ₄] and trans-[Mo(N ₂) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] by isocyanides. Evidence for the first mixed complex of dinitrogen and isocyanide. <i>Journal of Organometallic Chemistry</i> , 1980, 202, C15-C17.	1.8	17
516	The formation of alkyne and alkynyl complexes by reaction of 1-alkynes with trans-[M(N ₂) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (M ←→ Mo OR W) and with [Mo(Ph ₂ PCH ₂ PPh ₂) ₃]: X-ray structure of trans-[Mo(C≡CPh) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of Organometallic Chemistry</i> , 1987, 323, C47-C50.	1.8	17
517	Mechanism of alkylidyne complex formation by protonation of the vinylidene complex trans-[ReCl(C≡CPh)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, .	2.0	17
518	Syntheses and redox properties of mixed isocyanide, carbonyl, or nitrile complexes of rhenium(I) trans-[Re(CNMe)L(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]X [L = CNR (R = alkyl or aryl), CO, or NCM _e ; X = Cl, BF ₄ , or PF ₆]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1209.	1.1	17
519	Syntheses of low-valent nitrosyl complexes of rhenium and X-ray structure of trans-[ReCl(NO)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][NO ₃] ₂ with nitrosyl derived nitrates. <i>Journal of Organometallic Chemistry</i> , 1992, 430, C56-C59.	1.8	17
520	Carbon is not the initial site of attack in the protonation of an allene ligand to give an η^2 -vinyl species: C11-C13.	1.8	17
521	Mixed-ligand complexes of technetium XIII. A new and facile synthesis, structure and electrochemical behaviour of trans-[Tc(dppe) ₂ (butNC) ₂](PF ₆) ₂ · ethanol (dppe = bis(diphenylphosphino)ethane, butNC=) Tj ETQq1240.784314 rgBT / D	1.4	17
522	Proton addition and hydrogen-bond formation in reactions of the dicyano-complex [NBu ₄][trans-Re(CN) ₂ (dppe) ₂] with protic reagents. <i>Dalton Transactions RSC</i> , 2000, , 3393-3400.	2.3	17

#	ARTICLE	IF	CITATIONS
523	Platinum(II)-Promoted [2+3] Cycloaddition of Azide with 4-Cyanobenzaldehyde, a Schiff Base Derivative or Dicyanobenzenes To Give Formyl-, Amino(imino)- or Cyano-Functionalized Tetrazolato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, NA-NA.	2.0	17
524	Redox-active cytotoxic diorganotin(IV) cycloalkylhydroxamate complexes with different ring sizes: Reduction behaviour and theoretical interpretation. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 147-156.	3.5	17
525	Copper(II) and cobalt(II,III) complexes of a new carboxylic-functionalized arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione. <i>Polyhedron</i> , 2013, 60, 78-84.	2.2	17
526	The solvation and electrochemical behavior of copper acetylacetonate complexes in ionic liquids. <i>Journal of Molecular Structure</i> , 2014, 1060, 142-149.	3.6	17
527	Metal-mediated coupling of amino acid esters with isocyanides leading to new chiral acyclic aminocarbene complexes. <i>Dalton Transactions</i> , 2014, 43, 15861-15871.	3.3	17
528	Diethyldithiocarbamate complexes with metals used as food supplements show different effects in cancer cells. <i>Journal of Applied Biomedicine</i> , 2014, 12, 301-308.	1.7	17
529	Dinuclear based polymeric copper(II) complexes derived from a Schiff base ligand: effect of secondary bridging moieties on geometrical orientations and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2014, 46, 113-117.	3.9	17
530	Catalytic activity of a benzoyl hydrazone based dimeric dicopper(II) complex in catechol and alcohol oxidation reactions. <i>Inorganica Chimica Acta</i> , 2015, 431, 139-144.	2.4	17
531	The phenanthroimidazole-based dizinc(ii) complex as a fluorescent probe for the pyrophosphate ion as generated in polymerase chain reactions and pyrosequencing. <i>Dalton Transactions</i> , 2015, 44, 3930-3933.	3.3	17
532	Characterization of antiproliferative potential and biological targets of a copper compound containing 4-phenyl terpyridine. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 935-948.	2.6	17
533	A self-assembled octanuclear complex bearing the uncommon close-packed {Fe ₄ Mn ₄ (μ_4 -O) ₄ (μ_4 -O) ₄ } molecular core. <i>Dalton Transactions</i> , 2015, 44, 14918-14924.	3.3	17
534	Arylhydrazone Cd(II) and Cu(II) complexes as catalysts for secondary alcohol oxidation. <i>Polyhedron</i> , 2017, 129, 182-188.	2.2	17
535	Flexibility and lability of a phenyl ligand in hetero-organometallic 3d metal-Sn(IV) compounds and their catalytic activity in Baeyer-Villiger oxidation of cyclohexanone. <i>Dalton Transactions</i> , 2017, 46, 13364-13375.	3.3	17
536	The Catalytic Activity of Carbon-Supported Cu(I)-Phosphine Complexes for the Microwave-Assisted Synthesis of 1,2,3-Triazoles. <i>Catalysts</i> , 2021, 11, 185.	3.5	17
537	Metal-free and iron(II)-assisted oxidation of cyclohexane to adipic acid with ozone: A theoretical mechanistic study. <i>Journal of Catalysis</i> , 2021, 399, 52-66.	6.2	17
538	Electrochemical metal-hydride bond cleavage at the dinitrogen-binding iron centre {FeH(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ } ⁺ , and its electroactivation towards nucleophilic attack. <i>Journal of Organometallic Chemistry</i> , 1987, 332, C17-C20.	1.8	16
539	Synthesis of transition-metal Lewis acid adducts of trans-[ReCl(CNR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = alkyl). A chemical and a quantum-chemical study of electrophilic π -addition to ligating isocyanide. <i>Journal of Organometallic Chemistry</i> , 1989, 371, C26-C30.	1.8	16
540	Syntheses, properties and Mössbauer studies of mono- and di-nitrile phosphine complexes of iron(II). Crystal structures of trans-[Fe(NCR) ₂ (Et ₂ PCH ₂ CH ₂ PEt ₂) ₂][BF ₄] ₂ (R = n-Bu or CH ₂ C ₆ H ₄ OMe-4). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3311-3318.		16

#	ARTICLE	IF	CITATIONS
541	Chlorination of Platinum-Bound Salicylaldehyde. The First Example of a Structurally Characterized Monodentate Salicylaldehyde-Type Ligand. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1031-1038.	2.0	16
542	Microwave-Assisted and PdII-Mediated Nitrile-Oxime Coupling. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3467-3471.	2.0	16
543	Bis(triethanolamine- η^3 N,O, η^2)nickel(II) benzene-1,4-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2746-m2748.	0.2	16
544	Structural Versatility of Alkali Metal Coordination Polymers Driven by Arylhydrazones of β^2 -Diketones. <i>Crystal Growth and Design</i> , 2013, 13, 5076-5084.	3.0	16
545	Pd ^{II} -mediated integration of isocyanides and azide ions might proceed via formal 1,3-dipolar cycloaddition between RNC ligands and uncomplexed azide. <i>New Journal of Chemistry</i> , 2016, 40, 521-527.	2.8	16
546	Organocatalyzed oxidation of benzyl alcohols by a tetrazole-amino-saccharin: A combined experimental and theoretical (DFT) study. <i>Molecular Catalysis</i> , 2017, 442, 57-65.	2.0	16
547	Copper(I) and copper(II) metallacycles as catalysts for microwave assisted selective oxidation of cyclohexane. <i>Polyhedron</i> , 2017, 134, 143-152.	2.2	16
548	Nickel(II) Complexes with Redox Noninnocent Octaazamacrocycles as Catalysts in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2019, 58, 11133-11145.	4.0	16
549	A copper-amidocarboxylate based metal organic macrocycle and framework: synthesis, structure and catalytic activities towards microwave assisted alcohol oxidation and Knoevenagel reactions. <i>New Journal of Chemistry</i> , 2019, 43, 9843-9854.	2.8	16
550	Aroylhydrazone Schiff Base Derived Cu(II) and V(V) Complexes: Efficient Catalysts towards Neat Microwave-Assisted Oxidation of Alcohols. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2832.	4.1	16
551	Naphthalimide-phenanthroimidazole incorporated new fluorescent sensor for Cu^{2+} detection in living cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111466.	3.5	16
552	Redox Potential - (Electronic) Structure Relationships in 18- and 17-Electron Mononitrile (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Communications, 2001, 66, 139-154.	1.0	16
553	Reactions of <i>trans</i> -[Mo(CNMe) ₂ (PMe ₂ Ph) ₄] and <i>mer</i> -[W(CNMe) ₃ (PMe ₂ Ph) ₃] complexes with methanol and with mineral acids to give amines, ammonia and hydrocarbons. <i>Transition Metal Chemistry</i> , 1980, 5, 281-284.	1.4	15
554	Reactivity of [Pt(CH ₂ =CH ₂)(PPh ₃) ₂] toward ethyldiazocetate. Synthesis and molecular structure of the diethyl fumarate complex [Pt{ <i>trans</i> -CH(CO ₂ Et)=CH(CO ₂ Et)}(PPh ₃) ₂] and preparation of the analogous diethyl maleate compound. <i>Inorganica Chimica Acta</i> , 1993, 214, 85-95.	2.4	15
555	Syntheses and characterization of phenyldiazenido and mixed phenyldiazenido-isocyanide complexes of rhenium. Crystal structure of [ReBr ₂ (NNPh) ₂ (PPh ₃) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2405-2410.	1.1	15
556	Concentration dependent switch from addition to substitution in the reaction between salicylaldehyde and a nitrile platinum(IV) complex. <i>Inorganica Chimica Acta</i> , 2002, 336, 95-100.	2.4	15
557	A picolinate-N ₂ complex of rhenium, the first dinitrogen complex bearing a carboxylate or a N,O-ligand. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4153-4158.	1.8	15
558	Towards the functionalization of the methine carbon of a sterically hindered tris(pyrazolyl)methane: is a radical pathway envisageable? Synthesis and structure of tetrakis(3,5-dimethylpyrazolyl)methane. <i>Tetrahedron</i> , 2009, 65, 9218-9223.	1.9	15

#	ARTICLE	IF	CITATIONS
559	PdII-Promoted Single-Pot Template Transformations of Benzonitriles, Cyanoguanidine and Sodium Dicyanamide with the Formation of Symmetrical and Asymmetrical (1,3,5-Triazapentadienate)palladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 377-383.	2.0	15
560	Redox potential parameterization in coordination compounds with polydentate scorpionate and benzene ligands. <i>Electrochimica Acta</i> , 2012, 82, 478-483.	5.2	15
561	PtII-Mediated Imine–Nitrile Coupling Leading to Symmetrical (1,3,5,7,9-Pentaaza-1,3,6,8-tetraenato)Pt(II) Complexes Containing the Incorporated 1,3-Diiminoisoindoline Moiety. <i>Inorganic Chemistry</i> , 2012, 51, 10774-10786.	4.0	15
562	Oxygenation of saturated and aromatic hydrocarbons with H ₂ O ₂ catalysed by the carbonyl thiophenolate iron complex (OC) ₃ Fe(PhS) ₂ Fe(CO) ₃ . <i>Catalysis Today</i> , 2013, 218-219, 93-98.	4.4	15
563	Interplay between Resonance-Assisted Hydrogen Bonding and Coordination in Sulfo-Functionalized Arylhydrazones of Active Methylene Compounds. <i>ChemPlusChem</i> , 2014, 79, 1523-1531.	2.8	15
564	A Bis(μ-chlorido)-Bridged Cobalt(II) Complex with Silyl-Containing Schiff Base as a Catalyst Precursor in the Solvent-Free Oxidation of Cyclohexane. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4324-4332.	2.0	15
565	Molecular switching through cooperative ionic interactions and charge assisted hydrogen bonding. <i>Dyes and Pigments</i> , 2017, 138, 107-111.	3.7	15
566	Copper(II) complexes with an arylhydrazone of methyl 2-cyanoacetate as effective catalysts in the microwave-assisted oxidation of cyclohexane. <i>Inorganica Chimica Acta</i> , 2018, 471, 658-663.	2.4	15
567	Pronounced retention of stereoconfiguration upon sp ³ C H bonds hydroxylation of dimethylcyclohexanes and decahydronaphthalenes with m-CPBA oxidant and a Co-phthalocyanine catalyst. <i>Molecular Catalysis</i> , 2018, 459, 8-15.	2.0	15
568	New Trendy Magnetic C-Scorpionate Iron Catalyst and Its Performance towards Cyclohexane Oxidation. <i>Catalysts</i> , 2018, 8, 69.	3.5	15
569	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , 2019, 200, 110811.	3.5	15
570	Synthesis and Structure of Copper Complexes of a N ₆ O ₄ Macrocyclic Ligand and Catalytic Application in Alcohol Oxidation. <i>Catalysts</i> , 2019, 9, 424.	3.5	15
571	Application of molybdenum complexes for the oxidation of cyclohexane in acetonitrile, ionic liquid and supercritical CO ₂ media, a comparative study. <i>Molecular Catalysis</i> , 2020, 482, 100356.	2.0	15
572	Synthesis of a Novel Series of Cu(I) Complexes Bearing Alkylated 1,3,5-Triaza-7-phosphaadamantane as Homogeneous and Carbon-Supported Catalysts for the Synthesis of 1- and 2-Substituted-1,2,3-triazoles. <i>Nanomaterials</i> , 2021, 11, 2702.	4.1	15
573	A carbyne complex of rhenium(V) by protonation at nitrogen of an isonitrile complex of rhenium(I). <i>Journal of Organometallic Chemistry</i> , 1979, 175, C17-C18.	1.8	14
574	Synthesis and crystal structure of [MoH ₃ (C≡ ¹ / ₄ CBut)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂], a trihydrido-alkynyl complex. <i>Journal of Organometallic Chemistry</i> , 1990, 398, C15-C18.	1.8	14
575	Syntheses and properties of dinitrogen, diazenido and derived isocyanide complexes of rhenium with phosphite or phosphonite ligands. <i>Journal of Organometallic Chemistry</i> , 1990, 384, 121-131.	1.8	14
576	Synthesis and crystal structure of the complex double salt [Re(NCC ₆ H ₄ Me-4) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][ReF ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] [BF ₄] ₂ . <i>Journal of Organometallic Chemistry</i> , 1991, 403, C1-C3.	1.8	14

#	ARTICLE	IF	CITATIONS
577	Molecular orbital study of the bonding and reactivity of the diisocyanide complexes trans-[Mo(CNR) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] and derived aminocarbene compounds. Journal of Organometallic Chemistry, 1991, 408, 181-192.	1.8	14
578	Synthesis of the pseudohalide-dinitrogen complexes trans-[ReX(N ₂)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂](X = NCS, NCO) Tj ETQq0 0 0 rgBT /Overlo Chemistry, 1993, 454, 211-216.	1.8	14
579	Alkylation of cyanide at [NBu ₄]trans-[Re(CN) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. Syntheses and properties of		

#	ARTICLE	IF	CITATIONS
595	3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane (DAPTA) and derivatives: Coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213614.	18.8	14
596	Formation of oxo-phosphonato complexes of rhenium from reactions of [ReOCl ₃ (PPh ₃) ₂] with methyl phosphites. Crystal structure of [ReOCl(OMe) {P(O)(OMe) ₂ (PPh ₃) ₂ }. <i>Journal of Organometallic Chemistry</i> , 1987, 335, C23-C26.	1.8	13
597	Syntheses and properties of isocyanide complexes of iron, trans-[FeH(CNR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][A] (A ⁺ →) Tj ETQg1 1 0.784314 rg	1.8	13
598	Thiolateisocyanide complexes of molybdenum(II) and tungsten(II): crystal structures of cis-[Mo(SC ₆ H ₂ Pri _{3-2,4,6}) ₂ (CNMe) ₄], cis-[Mo(SC ₆ H ₂ Pri _{3-2,4,6}) ₂ (CNBut) ₄] and cis-[W(SC ₆ H ₂ Pri _{3-2,4,6}) ₂ (CNMe) ₄], and anodically induced isomerisation studies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3725.	1.1	13
599	Manifestation of redox duality of 2-propanone oxime: Pt(II)-assisted reduction versus Pt(IV)-mediated oxidation of Me ₂ C ⁻ →NOH species. <i>Inorganica Chimica Acta</i> , 1998, 277, 83-88.	2.4	13
600	Syntheses and properties of hydride ⁻ cyanamide and derived hydrogen-cyanamide complexes of molybdenum(iv). Crystal structure of [MoH ₂ (NCNH ₂) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄] ₂ . <i>Dalton Transactions</i> , 2003, , 3743-3750.	3.3	13
601	Synthesis, characterization and molecular structures of the hybrid organic ⁻ inorganic salts of N-alkyl-1,3,5-triaza-7-phosphaadamantane (alkyl=methyl, ethyl) and tetra(isothiocyanato)cobalt(II). <i>Inorganica Chimica Acta</i> , 2009, 362, 1645-1649.	2.4	13
602	Quantum chemical simulations of solvent influence on UV ⁻ vis spectra and orbital shapes of azoderivatives of diphenylpropane-1,3-dione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1287-1294.	3.9	13
603	A Dianionic Dinickel(II) Complex and Its Oxidised Phenoxy Radical States. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2791-2796.	2.0	13
604	Molybdenum- and tungsten(ii) monometallic 3-(2-pyridyl)pyrazole and bimetallic 3-(2-pyridyl)pyrazolate complexes. <i>Dalton Transactions</i> , 2012, 41, 7017.	3.3	13
605	Homo- and heteropolymetallic 3-(2-pyridyl)pyrazolate manganese and rhenium complexes. <i>Dalton Transactions</i> , 2014, 43, 4009-4020.	3.3	13
606	The influence of multiwalled carbon nanotubes and graphene oxide additives on the catalytic activity of 3d metal catalysts towards 1-phenylethanol oxidation. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 557-563.	4.8	13
607	Copper(II) Complexes with Bulky N-Substituted Diethanolamines: High-Field Electron Paramagnetic Resonance, Magnetic, and Catalytic Studies in Oxidative Cyclohexane Amidation. <i>Inorganic Chemistry</i> , 2018, 57, 12384-12397.	4.0	13
608	Heterometallic CoII/ZnII Schiff Base Catalyst for Mild Hydroxylation of C(sp ³) ⁻ H Bonds of Unactivated Alkanes: Evidence for Dual Mechanism Controlled by the Promoter. <i>Catalysts</i> , 2019, 9, 209.	3.5	13
609	Cu(II) and Fe(III) Complexes Derived from N-Acetylpyrazine-2-Carbohydrazide as Efficient Catalysts Towards Neat Microwave Assisted Oxidation of Alcohols. <i>Catalysts</i> , 2019, 9, 1053.	3.5	13
610	In Vitro Assessment of Antimicrobial, Antioxidant, and Cytotoxic Properties of Saccharin ⁻ Tetrazolyl and ⁻ Thiadiazolyl Derivatives: The Simple Dependence of the pH Value on Antimicrobial Activity. <i>Pharmaceuticals</i> , 2019, 12, 167.	3.8	13
611	1D Zn(II) Coordination Polymers as Effective Heterogeneous Catalysts in Microwave-Assisted Single-Pot Deacetalization-Knoevenagel Tandem Reactions in Solvent-Free Conditions. <i>Catalysts</i> , 2021, 11, 90.	3.5	13
612	Preparation of new dinitrogen complexes of rhenium(I) with organophosphite and isocyanide ligands. X-ray structure of mer-[ReCl(N ₂)(CNMe) {P(OMe) ₃ } ₃]. <i>Journal of Organometallic Chemistry</i> , 1982, 240, C18-C22.	1.8	12

#	ARTICLE	IF	CITATIONS
613	Reaction of the dinitrogen complex $[\text{Re}(\text{i}-2\text{-S}_2\text{PPh}_2)(\text{N}_2)(\text{PMe}_2\text{Ph})_3]$ with methylisocyanide. Preparation and X-ray structure of the mixed dinitrogen- η^1 -isocyanide complex		

#	ARTICLE	IF	CITATIONS
631	Transition-metal complexes of (1S,2S,3R)-3-hydroxycamphorsultam. <i>Inorganic Chemistry</i> , 1993, 32, 5160-5164.	4.0	11
632	Dinitrile complexes with a rare cis-diphosphine rhenium(I) centre: syntheses, properties and cis- to trans-isomerization. <i>Journal of Organometallic Chemistry</i> , 1996, 526, 237-250.	1.8	11
633	A Possible Role for Amavadine in Some Amanita Fungi: A Unique Case in Biology. <i>ACS Symposium Series</i> , 1998, , 241-247.	0.5	11
634	Cascade Reaction of Camphor-Derived Diynes with Transition Metal Compounds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 725-733.	0.7	11
635	Phosphaalkyne cyclodimerization at a rhodium(I) centre. Syntheses of a cationic λ^4 -1,3-diphosphacyclobutadiene rhodium complex and of its platinum(II) or tungsten(0) adducts. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3041-3045.	1.1	11
636	Metal-mediated and solvent dependent chlorination of the nitrosonaphtholato ligand The authors are very much obliged to Prof. Yuri N. Kukushkin (deceased Nov. 31st, 1998) for stimulating ideas and discussions relevant to this work.. <i>Dalton Transactions RSC</i> , 2001, , 3279-3284.	2.3	11
637	Vanadium-Catalyzed Alkane Functionalization Reactions under Mild Conditions. <i>ACS Symposium Series</i> , 2007, , 51-60.	0.5	11
638	Synthesis, characterization and antimicrobial activity of arylhydrazones of methylene active compounds. <i>Pharmaceutical Chemistry Journal</i> , 2012, 46, 157-164.	0.8	11
639	Synthesis and chemical reactivity of an Fe(III) metallacrown-6 towards N-donor Lewis bases. <i>Inorganic Chemistry Communication</i> , 2013, 30, 42-45.	3.9	11
640	How to force a classical chelating ligand to a metal non-chelating bridge: the observation of a rare coordination mode of diethanolamine in the 1D complex $\{[\text{Cu}_{2}(\text{Piv})_{4}(\text{H}_{3}\text{tBuDea})](\text{Piv})\}_{n}$. <i>CrystEngComm</i> , 2014, 16, 775-783.	2.6	11
641	Targeting canine mammary tumours via gold nanoparticles functionalized with promising $\text{Co}(\text{II})$ and $\text{Zn}(\text{II})$ compounds. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1537-1542.	1.8	11
642	Trinuclear and polymeric cobalt(II or II/III) complexes with an arylhydrazone of acetoacetanilide and their application in cyanosilylation of aldehydes. <i>Inorganica Chimica Acta</i> , 2017, 466, 632-637.	2.4	11
643	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110789.	3.5	11
644	ZnO nanoparticles: An efficient catalyst for transesterification reaction of λ^{\pm} -keto carboxylic esters. <i>Catalysis Today</i> , 2020, 348, 72-79.	4.4	11
645	Water-Soluble O-, S- and Se-Functionalized Cyclic Acetyl-triaza-phosphines. Synthesis, Characterization and Application in Catalytic Azide-alkyne Cycloaddition. <i>Molecules</i> , 2020, 25, 5479.	3.8	11
646	Transition Metal-Based Prodrugs for Anticancer Drug Delivery. <i>Current Medicinal Chemistry</i> , 2020, 26, 7476-7519.	2.4	11
647	Activation of alkynes by the dinitrogen complex $[\text{CoH}(\text{N}_2)(\text{PPh}_3)_3]$ towards catalytic oligomerization and cyclization reactions. <i>Monatshefte für Chemie</i> , 1988, 119, 583-589.	1.8	10
648	Carbyne-fluoro complexes of rhenium. Single-pot synthesis of $\text{trans}[\text{ReF}(\lambda^{\pm}\text{CCH}_2\text{R})-(\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)_2][\text{BF}_4]$. <i>Journal of Organometallic Chemistry</i> , 1993, 450, C7-C8.	1.8	10

#	ARTICLE	IF	CITATIONS
649	Synthesis of trans-[Re(NO) ₂ -(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄], a formal dinitrosyl complex of rhenium(-I) and its protic denitrosylation. X-Ray structure of trans-[ReF(NO)-(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1994, 476, C9-C11.	1.8	10
650	Highly Reactive Platinum(0) Carbene Intermediates in the Reactions of Diazo Compounds. A Fast Atom Bombardment Mass Spectrometric Study. <i>Organometallics</i> , 1995, 14, 551-554.	2.3	10
651	Fast-atom Bombardment (FAB) Mass Spectra of Nitrile or Cyanamide Complexes with the {M(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ } ⁿ⁺ (M=Fe or Re) Metal Sites. Application to Reactions Induced under FAB Conditions. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 447-454.	1.5	10
652	Electron-transfer chain catalysis for the cis-to-trans isomeric conversion of cis-[ReCl(CO)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 4139-4146.	1.1	10
653	Activation of a coordinated alkyne by electron transfer: crystal structures of [Ph ₂ {C(CO ₂ Me) ⁻ ...CH(CO ₂ Me)}] and [PPh ₂ {C(CO ₂ Me) ⁻ †C(CO ₂ Me)}]. <i>Journal of Organometallic Chemistry</i> , 2000, 598, 318-328.	1.8	10
654	Reactions of cyclic and linear alkynols with a phosphinic iron(II) centre. <i>Inorganic Chemistry Communication</i> , 2003, 6, 94-96.	3.9	10
655	(R=alkyl or aryl) complexes as catalysts for ethylene polymerization. <i>Inorganic Chemistry Communication</i> , 2003, 6, 331-334.	3.9	10
656	2-Amino-2-oxazoline and trialkylisourea Pt(II) complexes derived from organocyanamides. <i>Dalton Transactions</i> , 2003, , 3751-3756.	3.3	10
657	Ni(II)-Mediated nitrosation of oximes bearing an $\hat{\iota}$ -CH ₂ group. <i>Inorganic Chemistry Communication</i> , 2006, 9, 869-871.	3.9	10
658	Novel nickel(II) complex bearing phthalimido ligands derived from oxime-mediated transformation of phthalonitrile. <i>Inorganic Chemistry Communication</i> , 2008, 11, 117-120.	3.9	10
659	Structural and thermal properties of three cyano-substituted azoderivatives of $\hat{\iota}$ ² -diketones. <i>Journal of Molecular Structure</i> , 2011, 992, 72-76.	3.6	10
660	Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. <i>Journal of Organometallic Chemistry</i> , 2012, 714, 47-52.	1.8	10
661	A [2 Å – 2] Cu ₄ molecular grid and a Mn ₅ cluster derived from a 1-(2-pyridyl)pyrazole based polytopic ligand –“ Synthesis, structure, magnetic properties and catalytic activity in the allylic oxidation of cyclohexene. <i>Polyhedron</i> , 2013, 62, 51-60.	2.2	10
662	Characterization of the antiproliferative potential and biological targets of a trans ketoimine platinum complex. <i>Inorganica Chimica Acta</i> , 2014, 423, 156-167.	2.4	10
663	Metal-free regioselective C–C bond cleavage in 1,3,5-triazine derivatives of $\hat{\iota}$ ² -diketones. <i>New Journal of Chemistry</i> , 2014, 38, 495-498.	2.8	10
664	Using chiral ionic liquid additives to enhance asymmetric induction in a Diels–Alder reaction. <i>Dalton Transactions</i> , 2017, 46, 1704-1713.	3.3	10
665	Simple solvent-free preparation of dispersed composites and their application as catalysts in oxidation and hydrocarboxylation of cyclohexane. <i>Materials Today Chemistry</i> , 2017, 5, 52-62.	3.5	10
666	Syntheses, Structures, and Catalytic Hydrocarbon Oxidation Properties of N-Heterocycle-Sulfonated Schiff Base Copper(II) Complexes. <i>Inorganics</i> , 2019, 7, 17.	2.7	10

#	ARTICLE	IF	CITATIONS
667	A new amido-phosphane as ligand for copper and silver complexes. Synthesis, characterization and catalytic application for azide-alkyne cycloaddition in glycerol. Dalton Transactions, 2021, 50, 6109-6125.	3.3	10
668	Role of Halogen Substituents on Halogen Bonding in 4,5-Dibromohexahydro-3a,6-Epoxyisoindol-1(4H)-ones. Crystals, 2021, 11, 112.	2.2	10
669	Reactions with nucleophiles and cathodic electrochemical behaviour of some neutral and cationic diamino-, dioxy- and aminooxycarbene complexes of palladium(II) and platinum(II). Journal of Organometallic Chemistry, 1992, 431, 117-128.	1.8	9
670	Synthesis and X-ray structure of [ReBr ₃ (NNPh)(PPh ₃) ₂], a paramagnetic organodiazenido complex. Inorganica Chimica Acta, 1993, 211, 131-132.	2.4	9
671	Syntheses and properties of the gold(I) complexes with bulky thiolates [Au(SR)] ₆ and [Au(SR)(PPh ₃)] (R) Tj ETQq1 1 0.784314 rgBT /O	1.4	9
672	The First Observation and Structural Characterization of (Formamide)platinum(IV) Complexes. European Journal of Inorganic Chemistry, 2001, 2001, 2805.	2.0	9
673	Reactivity Trends in the Reaction of Alkynes with 3-Oxo-camphorsulfonylimine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 691-698.	0.7	9
674	Synthesis of the First Family of Platinum(IV) Complexes with Phosphorus Ylide Ligands. Organometallics, 2002, 21, 3744-3748.	2.3	9
675	Allenylidene and derived alkynyl complexes of iron(II) with the {FeBr(Et ₂ PCH ₂ CH ₂ PEt ₂) ₂ } ⁺ centre. Journal of Organometallic Chemistry, 2003, 684, 315-321.	1.8	9
676	Lewis acidity of platinum(II)-based Baeyer-Villiger catalysts: An electrochemical approach. Inorganica Chimica Acta, 2008, 361, 3247-3253.	2.4	9
677	Transformations of the Vaska-type complex trans-[RhCl(CO)(PTA) ₂] (PTA=1,3,5-triaza-7-phosphaadamantane) during stepwise addition of HCl: Synthesis, characterization and crystal structure of trans-[RhCl ₂ (PTA)(PTAH)]. Inorganica Chimica Acta, 2011, 378, 342-346.	2.4	9
678	1D coordination polymer with octahedral and square-planar nickel(II) centers. Inorganic Chemistry Communication, 2013, 29, 82-84.	3.9	9
679	Immortalization and characterization of a new canine mammary tumour cell line <scp>FR37â€CMT</scp>. Veterinary and Comparative Oncology, 2017, 15, 952-967.	1.8	9
680	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. Inorganica Chimica Acta, 2018, 469, 197-201.	2.4	9
681	Novel Methinic Functionalized and Dendritic C-Scorpionates. Molecules, 2018, 23, 3066.	3.8	9
682	Comparison of microwave and mechanochemical energy inputs in the catalytic oxidation of cyclohexane. Dalton Transactions, 2018, 47, 8193-8198.	3.3	9
683	C-scorpionate Au(III) complexes as pre-catalysts for industrially significant toluene oxidation and benzaldehyde esterification reactions. Inorganica Chimica Acta, 2020, 512, 119881.	2.4	9
684	Zn(II)-to-Cu(II) Transmetalation in an Amide Functionalized Complex and Catalytic Applications in Styrene Oxidation and Nitroaldol Coupling. Molecules, 2020, 25, 2644.	3.8	9

#	ARTICLE	IF	CITATIONS
685	Knoevenagel condensation reaction in supercritical carbon dioxide medium using a Zn(II) coordination polymer as catalyst. <i>Inorganica Chimica Acta</i> , 2022, 538, 120981.	2.4	9

686 A study of the protonation and alkylation of *tert*-butyl isocyanide in trans-[M(CN*tert*-Bu)₂]₂·2TfO₂·2TfOH (2(Ph₂P(O)Ph₂))₂·2TfO₂·2TfOH.

#	ARTICLE	IF	CITATIONS
703	Novel H-Bonded Synthons in Copper Supramolecular Frameworks with Aminoethylpiperazine-Based Ligands. <i>Synthesis, Structure and Catalytic Activity. Materials</i> , 2020, 13, 5435.	2.9	8
704	Pyrene Carboxylate Ligand Based Coordination Polymers for Microwave-Assisted Solvent-Free Cyanosilylation of Aldehydes. <i>Molecules</i> , 2021, 26, 1101.	3.8	8
705	Catalytic oxidation of a model volatile organic compound (toluene) with tetranuclear Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2021, 520, 120314.	2.4	8
706	Estimate of Electrochemical Ligand Parameters in Iron(II) Adducts of [FeH(CN)(dppe) ₂]. <i>Portugaliae Electrochimica Acta</i> , 2001, 19, 371-376.	1.1	8
707	Benzimidazole Schiff base copper(II) complexes as catalysts for environmental and energy applications: VOC oxidation, oxygen reduction and water splitting reactions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23175-23190.	7.1	8
708	[MoH ₄ (dppe) ₂].thf (dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂ ; thf = Tetrahydrofuran). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 23-26.	0.4	7
709	First-Row-Transition Ion Metals(II)-EDTA Functionalized Magnetic Nanoparticles as Catalysts for Solvent-Free Microwave-Induced Oxidation of Alcohols. <i>Catalysts</i> , 2017, 7, 335.	3.5	7
710	Cyanosilylation of aldehydes catalyzed by lanthanide derivatives comprising arylhydrazones of ̢ ² -diketones. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 102-105.	1.8	7
711	The Henry reaction catalyzed by NiII and CuII complexes bearing arylhydrazones of acetoacetanilide. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 48-53.	1.8	7
712	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , 2019, 12, 3353.	2.9	7
713	Nitrogen ligands. <i>Dalton Transactions</i> , 2019, 48, 13904-13906.	3.3	7
714	Synergistic catalytic action of vanadia-titania composites towards the microwave-assisted benzoin oxidation. <i>Dalton Transactions</i> , 2019, 48, 3198-3203.	3.3	7
715	Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. <i>Materials</i> , 2019, 12, 3907.	2.9	7
716	A new Cu(II)-O-Carvacrotinate complex: Synthesis, characterization and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 190, 31-37.	3.5	7
717	Solvent-free oxidation of 1-phenylethanol catalysed by gold nanoparticles supported on carbon powder materials. <i>Catalysis Today</i> , 2020, 357, 22-31.	4.4	7
718	Mechanochemical and Conventional Synthesis of Copper(II) Coordination Polymers Bearing Arylhydrazone of Acetoacetanilide and Their Catalytic Activity in Conversion of Acetone to Acetic Acid. <i>ChemistrySelect</i> , 2020, 5, 7923-7927.	1.5	7
719	Green synthesis of zinc oxide particles with apple-derived compounds and their application as catalysts in the transesterification of methyl benzoates. <i>Dalton Transactions</i> , 2020, 49, 6488-6494.	3.3	7
720	Biological Evaluation of Azo- and Imino-Based Carboxylate Triphenyltin(IV) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 930-941.	2.0	7

#	ARTICLE	IF	CITATIONS
721	Supported Gold Nanoparticles as Catalysts in Peroxidative and Aerobic Oxidation of 1-Phenylethanol under Mild Conditions. <i>Nanomaterials</i> , 2020, 10, 151.	4.1	7
722	Oxido- and Dioxido-Vanadium(V) Complexes Supported on Carbon Materials: Reusable Catalysts for the Oxidation of Cyclohexane. <i>Nanomaterials</i> , 2021, 11, 1456.	4.1	7
723	Vanadium C-scorpionate supported on mesoporous aptes-functionalized SBA-15 as catalyst for the peroxidative oxidation of benzyl alcohol. <i>Microporous and Mesoporous Materials</i> , 2021, 320, 111111.	4.4	7
724	A Bio-Based Alginate Aerogel as an Ionic Liquid Support for the Efficient Synthesis of Cyclic Carbonates from CO ₂ and Epoxides. <i>Catalysts</i> , 2021, 11, 872.	3.5	7
725	Homogeneous oxidation of C-H bonds with <i>m</i> -CPBA catalysed by a Co/Fe system: mechanistic insights from the point of view of the oxidant. <i>Catalysis Science and Technology</i> , 2022, 12, 282-299.	4.1	7
726	Water-soluble Al(<i>scp</i>), Fe(<i>scp</i>) and Cu(<i>scp</i>) formazanates: synthesis, structure, and applications in alkane and alcohol oxidations. <i>New Journal of Chemistry</i> , 2022, 46, 5002-5011.	2.8	7
727	Ultrasound and photo-assisted oxidation of toluene and benzyl alcohol with oxidovanadium(V) complexes. <i>Applied Catalysis A: General</i> , 2022, 638, 118623.	4.3	7
728	The crystal structure of [WH ₂ Cl ₂ (PMe ₂ Ph) ₄] and its dehydrochlorination to generate a reactive metal centre. <i>Journal of Organometallic Chemistry</i> , 1983, 255, C1-C4.	1.8	6
729	Preparation of a tetrahydroborate complex of rhenium(I), cis-[Re(<i>l</i> -2-BH ₄)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of Organometallic Chemistry</i> , 1986, 306, C33-C35.	1.8	6
730	Novel phosphalkyne/benzoyldiazenido ligand coupling forming the first <i>l</i> -2-phosphidocarbene complex. Synthesis and molecular structure of [ReCl ₂ { <i>l</i> -4-N(NCOPh)PCButPCBut}(PPh ₃)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1031-1032.	2.0	6
731	Synthesis and redox properties of complexes of rhenium(I) with cyanoguanidine and some derivatives. Crystal structure of trans-[ReNCNC(NH ₂) ₂ (CNMe)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] [BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1994, 469, 179-187.	1.8	6
732	Stopped-flow mechanistic study of bromide substitution by an organonitrile at an iron(II) phosphinic centre; a π -electron driven process. <i>Inorganica Chimica Acta</i> , 1996, 250, 311-315.	2.4	6
733	Cationic nickel(II) complexes with azine diphosphines – structural and electrochemical study. <i>Inorganica Chimica Acta</i> , 2002, 338, 201-209.	2.4	6
734	The metallacyclopentane reaction between Pt(IV)-bound nitriles and alkylated oxamic and oximic forms of hydroxamic acids. <i>Dalton Transactions</i> , 2004, , 2728-2732.	3.3	6
735	Electrocatalytic reduction of organohalides mediated by the dihalo-molybdenum phosphinic complexes trans-[MoX ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (X = I, Br) – A mechanistic study by cyclic voltammetry digital simulation. <i>Dalton Transactions</i> , 2009, , 4772.	3.3	6
736	Synthesis, characterization and redox behaviour of benzoyldiazenido- and oxorhenium complexes bearing N,N- and S,S-type ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 1269-1274.	2.4	6
737	Synthesis, characterization, electrochemical behavior and <i>in vitro</i> protein tyrosine kinase inhibitory activity of the cymene-halogenbenzohydroxamate [Ru(<i>l</i> -6-cymene)(bha)Cl] complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 730, 137-143.	1.8	6
738	Syntheses and some features of five new cyclohexane-1,3-dicarboxylates with multiple stereogenic centers. <i>Journal of Molecular Structure</i> , 2013, 1032, 83-87.	3.6	6

#	ARTICLE	IF	CITATIONS
739	Mononuclear copper(ii) complexes of an arylhydrazone of 1H-indene-1,3(2H)-dione as catalysts for the oxidation of 1-phenylethanol in ionic liquid medium. <i>RSC Advances</i> , 2016, 6, 83412-83420.	3.6	6
740	Ball milling as an effective method to prepare magnetically recoverable heterometallic catalysts for alcohol oxidation. <i>Inorganica Chimica Acta</i> , 2017, 455, 653-658.	2.4	6
741	Tetrel, Chalcogen, and Charge-Assisted Hydrogen Bonds in 2-((2-Carboxy-1-(substituted)-2-hydroxyethyl)thio) Pyridin-1-ium Chlorides. <i>Crystals</i> , 2017, 7, 327.	2.2	6
742	Elementary and efficient catalyst process for the Knoevenagel condensation of araldehydes with arylmethylidene malononitrile. <i>Inorganica Chimica Acta</i> , 2018, 471, 76-81.	2.4	6
743	C-scorpionate iron(II) complexes as highly selective catalysts for the hydrocarboxylation of cyclohexane. <i>Inorganica Chimica Acta</i> , 2019, 489, 269-274.	2.4	6
744	Well-defined nickel(II) tetrazole-saccharinate complex as homogeneous catalyst on the reduction of aldehydes: scope and reaction mechanism. <i>Pure and Applied Chemistry</i> , 2020, 92, 151-166.	1.9	6
745	New members of the polynuclear manganese family: MnII2MnIII2 single-molecule magnets and MnIII3MnIII8 antiferromagnetic complexes. <i>Synthesis and magnetostructural correlations. Dalton Transactions</i> , 2020, 49, 13970-13985.	3.3	6
746	Immobilization of Rh(I)-N-Xantphos and Fe(II)-C-Scorpionate onto Magnetic Nanoparticles: Reusable Catalytic System for Sequential Hydroformylation/Acetalization. <i>Catalysts</i> , 2021, 11, 608.	3.5	6
747	Chemistry and Electrochemistry of Alkyne-and Isocyanide-Derived Carbyne Complexes of Rhenium, Molybdenum or Tungsten. , 1993, , 105-121.		6
748	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo[3.3.1.1^{3,7}]decane tetrafluoroborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o556-o556.	0.2	6
749	Redox Properties of the Dinitrogen-Cyanamide Complexes trans-[Mo(N2) (NCNR2)(Ph2PCH2CH2PPh2)2]. <i>Portugaliae Electrochimica Acta</i> , 1999, 17, 221-224.	1.1	6
750	Electrochemical Study of Alkynyl Fe(II) Complexes. <i>Portugaliae Electrochimica Acta</i> , 2003, 21, 85-90.	1.1	6
751	Diazadiene-isonitrile complexes of molybdenum(II) and molybdenum(III). <i>Transition Metal Chemistry</i> , 1981, 6, 255-258.	1.4	5
752	Diazenido, dinitrogen and triisocyanide complexes of rhenium(I) with phosphite or phosphonite co-ligands. <i>Polyhedron</i> , 1989, 8, 1778-1779.	2.2	5
753	Preparation of bisdiazalkane and related complexes from the reactions of diazo compounds with the dinitrogen complexestrans-[M(N2)2(Ph 2PCH2CH2PPh 2)2] (M=Mo or W). <i>Monatshefte F&Auml;r Chemie</i> , 1992, 123, 749-756.	1.8	5
754	Electrochemical behaviour and reactivity of cyclohexadienyl iron complexes. <i>Inorganica Chimica Acta</i> , 1996, 248, 45-49.	2.4	5
755	Ligand Reactivity: General Introduction. , 2003, , 585-594.		5
756	Nucleophilic addition of bifunctional sulfimidodisulfides to platinum(IV)-coordinated nitriles. <i>Russian Chemical Bulletin</i> , 2004, 53, 1681-1685.	1.5	5

#	ARTICLE	IF	CITATIONS
757	Bis[1/4-2-[bis(2-hydroxyethyl)amino]ethanolato]bis(4-methylbenzoato)dicopper(II) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m526-m528.	0.2	5
758	Bis[tris(1-pyrazolyl)methane-1,3,5-triazole]copper(II) dichloride methanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1979-m1979.	0.2	5
759	<i>trans</i> -Bis[5-(4-fluorophenyl)tetrazolato]bis(triphenylphosphine)platinum(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2656-m2656.	0.2	5
760	New cobalt(II) and nickel(II) complexes of 2-hydroxy-benzyl derivatives of 4-aminoantipyrine. Polyhedron, 2012, 44, 72-76.	2.2	5
761	Copper(II)-mediated in-situ hydrolyses of pyrroline N-oxide and benzonitrile leading to a mixed ligand complex. Inorganic Chemistry Communication, 2012, 18, 69-72.	3.9	5
762	New arylhydrazones of 1,2-diketones and their optical and thermal properties. Journal of Molecular Structure, 2012, 1019, 16-20.	3.6	5
763	The solvation and redox behavior of mixed ligand copper(II) complexes of acetylacetonate and aromatic diimines in ionic liquids. Inorganica Chimica Acta, 2014, 409, 465-471.	2.4	5
764	Expanding the family of substituted-at-core nickel(II) phthalocyanines. Inorganica Chimica Acta, 2017, 455, 696-700.	2.4	5
765	Pnictogen and chalcogen bonds in cyclometalated iridium(III) complexes. Inorganica Chimica Acta, 2018, 477, 31-33.	2.4	5
766	Alkane Functionalization: Introduction and Overview. , 2018, , 1-15.		5
767	1st International Conference on Noncovalent Interactions. New Journal of Chemistry, 2019, 43, 13312-13314.	2.8	5
768	Commercial gold(III) complex supported on functionalized carbon materials as catalyst for cyclohexane hydrocarboxylation. Catalysis Today, 2020, 357, 39-45.	4.4	5
769	Fe@Hierarchical BEA Zeolite Catalyst for MW-Assisted Alcohol Oxidation Reaction: A Greener Approach. Catalysts, 2020, 10, 1029.	3.5	5
770	Nickel(II), Copper(II) and Palladium(II) Complexes with Bis-Semicarbazide Hexaazamacrocycles: Redox-Noninnocent Behavior and Catalytic Activity in Oxidation and C-C Coupling Reactions. Inorganic Chemistry, 2020, 59, 10650-10664.	4.0	5
771	Mechanochemical Preparation of Pd(II) and Pt(II) Composites with Carbonaceous Materials and Their Application in the Suzuki-Miyaura Reaction at Several Energy Inputs. Molecules, 2020, 25, 2951.	3.8	5
772	Ultrasound and Radiation-Induced Catalytic Oxidation of 1-Phenylethanol to Acetophenone with Iron-Containing Particulate Catalysts. Molecules, 2020, 25, 740.	3.8	5
773	A novel <i>o</i> -vanillin Fe(III) complex catalytically active in C-H oxidation: exploring the magnetic exchange interactions and spectroscopic properties with different DFT functionals. Dalton Transactions, 2021, 50, 14782-14796.	3.3	5
774	Spectroelectrochemical Properties and Catalytic Activity in Cyclohexane Oxidation of the Hybrid Zr/Hf-Phthalocyaninate-Capped Nickel(II) and Iron(II) tris-Pyridineoximates and Their Precursors. Molecules, 2021, 26, 336.	3.8	5

#	ARTICLE	IF	CITATIONS
775	Amavadine, a Vanadium Compound in Amanita Fungi. , 2012, , 35-49.		5
776	Carbene Complexes Derived from the Activation of Isocyanides and Alkynes by Electron-Rich Metal Centres. , 1989, , 79-99.		5
777	Redox Properties of the Amavadine Models [V(HIDA) ₂] ²⁻ and [V(HIDPA) ₂] ²⁻ and Their Electroinduced Reactivity Towards Activated-Thiols and -Phenols. , 1993, , 411-415.		5
778	Electrochemical Behaviour of trans-[FeH(CN)(dppe) ₂] Adducts. Collection of Czechoslovak Chemical Communications, 2003, 68, 1663-1676.	1.0	5
779	Redox Behaviour of Alkynol-Derived Allenylidene Complexes of Iron(II). Portugaliae Electrochimica Acta, 2001, 19, 361-365.	1.1	5
780	Diastereomeric dinickel(μ) complexes with non-innocent bis(octaazamacrocyclic) ligands: isomerization, spectroelectrochemistry, DFT calculations and use in catalytic oxidation of cyclohexane. Dalton Transactions, 2022, 51, 5151-5167.	3.3	5
781	Time resolved polarography. Study of the EC mechanism. Analytica Chimica Acta, 1995, 306, 107-113.	5.4	4
782	Reactions and electrochemical behaviour of dithiocarbene complexes of platinum(II). Inorganica Chimica Acta, 1995, 235, 397-405.	2.4	4
783	Organometallic and coordination chemistry on phosphazenes. III. Synthesis, characterization, and electrochemical behavior of transition metal-cinnamionitrile cyclophosphazene derivatives. Journal of Inorganic and Organometallic Polymers, 1996, 6, 145-170.	1.5	4
784	Diaquabis(2-hydroxyiminopropionato- λ^2 N,O)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1670-m1671.	0.2	4
785	Cyanoimide-bridged, bi- and trinuclear, heterometallic complexes with an NCN-Mo-NCN phosphinic core. European Journal of Inorganic Chemistry, 2009, 2009, 3966-3971.	2.0	4
786	Solvent-dependent reactivities of acyclic nitrones with λ^2 -diketones: catalyst-free syntheses of endiones and enones. Tetrahedron, 2012, 68, 7019-7027.	1.9	4
787	Mono-alkylation of cyanoimide at a molybdenum(IV) diphosphinic center by alkyl halides: synthesis, cathodically induced isomerization and theoretical studies. Electrochimica Acta, 2016, 218, 252-262.	5.2	4
788	Highly Active and Selective Supported Rhenium Catalysts for Aerobic Oxidation of n-Hexane and n-Heptane. Catalysts, 2018, 8, 114.	3.5	4
789	Fe(III) Complexes in Cyclohexane Oxidation: Comparison of Catalytic Activities under Different Energy Stimuli. Catalysts, 2020, 10, 1175.	3.5	4
790	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO ₂ . Molecular Catalysis, 2021, 499, 111292.	2.0	4
791	A Mixed Valence CoII/CoIII ₂ Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. Molecules, 2021, 26, 1060.	3.8	4
792	Electrochemical Behaviour of Complexes Derived from the Activation of Alkynes, Isocyanides and Nitriles. , 1993, , 331-344.		4

#	ARTICLE	IF	CITATIONS
793	Chapter 8. C–C Bond Formation in the Sustainable Synthesis of Pharmaceuticals. RSC Green Chemistry, 0, , 193-229.	0.1	4
794	Three-dimensional hydrogen-bonded supramolecular assembly in tetrakis(1,3,5-triaza-7-phosphaadamantane)copper(I) chloride hexahydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m603-m604.	0.2	4
795	Polyaromatic Carboxylate Ligands Based Zn(II) Coordination Polymers for Ultrasound-Assisted One-Pot Tandem Deacetalization–Knoevenagel Reactions. Catalysts, 2022, 12, 294.	3.5	4
796	Designing and Construction of Polyaromatic Group Containing Cd(II)-based Coordination Polymers for Solvent-free Strecker-type Cyanation of Acetals. New Journal of Chemistry, 0, , .	2.8	4
797	Vanadium(V) complexes supported on porous MIL-100(Fe) as catalysts for the selective oxidation of toluene. Microporous and Mesoporous Materials, 2022, 341, 112091.	4.4	4
798	Study on the reactions of the dinitrogen complex $\text{trans-[M(N}_2\text{)}_2\text{(Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2\text{)}_2\text{]}$ (M=Mo or W) with ethyldiazoacetate: Formation of an Azo compound and of a phosphazene species. Monatshefte für Chemie, 1986, 117, 429-435.	1.8	3
799	Conversion of alkynes and nitriles into organo and organonitrogenated species at group VI and VII dinitrogen-binding metal centers. Synthesis of some vinylidene and alkynyl complexes of rhenium. Monatshefte für Chemie, 1993, 124, 739-749.	1.8	3
800	Theoretical study of the relative stability of isomeric forms of platinum carboxamide complexes. Inorganica Chimica Acta, 2003, 350, 245-251.	2.4	3
801	Acylation of cyanoimido-complexes $\text{trans-[Mo(NCN)}\{\text{NCNC(O)R}\}(\text{dppe})_2\text{]Cl}$ and their reactions with electrophiles: chemical, electrochemical and theoretical study. Dalton Transactions, 2012, 41, 13876.	3.3	3
802	Thermodynamics of Dissociation of ortho-Hydroxyphenylhydrazo-1,2-diketones and of Their Complexation with Copper(II) in Aqueous–Ethanol Solutions. Journal of Solution Chemistry, 2012, 41, 491-502.	1.2	3
803	Vanadium Complexes in Catalytic Oxidations. , 2017, , .		3
804	In vitro characterization of arylhydrazones of active methylene derivatives. Saudi Pharmaceutical Journal, 2018, 26, 430-436.	2.7	3
805	Copper(II) Complexes of Arylhydrazone of 1H-Indene-1,3(2H)-dione as Catalysts for the Oxidation of Cyclohexane in Ionic Liquids. Catalysts, 2018, 8, 636.	3.5	3
806	Efficient Solvent-Free Friedel–Crafts Benzoylation and Acylation of <i>m</i> -Xylene Catalyzed by <i>N</i> -Acetylpyrazine-2-carbohydrazide–Fe(III)–chloro Complexes. ChemistrySelect, 2018, 3, 8349-8355.	1.5	3
807	N-Formylation of amines using arylhydrazones of malononitrile and a Cu(II) complex under eco-friendly conditions at room temperature. Inorganica Chimica Acta, 2020, 513, 119938.	2.4	3
808	Synthesis, Structures, Electrochemistry, and Catalytic Activity towards Cyclohexanol Oxidation of Mono-, Di-, and Polynuclear Iron(III) Complexes with 3-Amino-2-Pyrazinecarboxylate. Applied Sciences (Switzerland), 2020, 10, 2692.	2.5	3
809	Redox Properties and Ligand Effects for the Hydrido-Technetium-Dinitrogen, -Carbonyl and -Isocyanide Complexes $\text{trans-[Tc(L)(Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2\text{)}_2\text{]}$ (L = N ₂ , CO or CNR). , 1993, , 63-67.		3
810	Reactions of Bis(phenyldiazenido)rhenium Complex $[\text{ReBr}_2(\text{NNPh})_2(\text{PPh}_3)_2]\text{Br}$ with Carbon Monoxide and Alk-1-yne. Collection of Czechoslovak Chemical Communications, 2007, 72, 599-608.	1.0	3

#	ARTICLE	IF	CITATIONS
811	Comparative Electrochemical Behaviour of the Complexes trans-[Mo(NCN){NCNC(O)R}(dppe) ₂]Cl (R =) Tj ETQq1 1.1	0.784314	3
812	M ^{II} -Cl Interaction Supported Heterometallic {Ni ^{II} Sn ^{II} }{Sn ^{IV} } and {Ni ^{II} Sn ^{II} }{Sn ^{II} } Complex Salts: Possibility of Ion-Pair-Assisted Tetrel Bonds. <i>Crystal Growth and Design</i> , 2022, 22, 341-355.	3.0	3
813	Reactions of the dinitrogen complex trans-[ReCl(N ₂)(dppe) ₂] with thiolate compounds and with carbon bisulphide. <i>Transition Metal Chemistry</i> , 1985, 10, 463-466.	1.4	2
814	New chiral terpene-derived vanadatranes. <i>Inorganica Chimica Acta</i> , 2002, 336, 147-150.	2.4	2
815	trans-Tetrachlorobis[(E)-ethyl 2-(1-iminopropoxyimino)propanoate]platinum(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1765-m1767.	0.2	2
816	Amavadin and Homologues as Mediators of Water Oxidation. <i>Angewandte Chemie</i> , 2016, 128, 1511-1514.	2.0	2
817	Nitroaldol reaction catalyzed by arylhydrazone di- and triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 98-101.	1.8	2
818	Microwave-assisted synthesis of fluoroorganics. , 2021, , 415-488.		2
819	Mechanism of the Electroactivation of the Metal-Hydride Bond in [ReClH(NCR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]., 1993, , 483-487.		2
820	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo[3.3.1.1]decane 7-oxide triiodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o496-o497.	0.2	2
821	Highly Selective Cyclohexane Oxidation Catalyzed by Ferrocene in Ionic Liquid Medium. <i>Letters in Organic Chemistry</i> , 2017, 14, .	0.5	2
822	Redox Behaviour of a Tris(pyrazolyl)methanesulfonate Vanadium Complex, a Preliminary Study. <i>Portugaliae Electrochimica Acta</i> , 2006, 24, 257-259.	1.1	2
823	Electrochemical Properties of (h ⁵ -C ₅ Me ₅) ⁺ Rhodium and ⁺ Iridium Complexes Containing Bis(pyrazolyl)alkane Ligands. <i>Portugaliae Electrochimica Acta</i> , 2014, 32, 253-257.	1.1	2
824	C-Heterogenized Re Nanoparticles as Effective Catalysts for the Reduction of 4-Nitrophenol and Oxidation of 1-Phenylethanol. <i>Catalysts</i> , 2022, 12, 285.	3.5	2
825	Phosphinic complexes of rhenium and tungsten in reactions with stereoincators. <i>Journal of Organometallic Chemistry</i> , 1992, 438, C23-C25.	1.8	1
826	Synthesis and properties of camphorimine iron(III) or copper(II) complexes. <i>Inorganica Chimica Acta</i> , 1997, 258, 201-209.	2.4	1
827	FORMATION OF RING SYSTEMS WITHIN SULFIMIDES AND THEIR METAL COMPLEXES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 983-984.	1.6	1
828	Bis[1,1-bis(propan-2-iminoxy)-1H-isindol-3-amine- ³ N,N ⁺ ,N ⁺] ²⁺ nickel(II) dinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m2846-m2848.	0.2	1

#	ARTICLE	IF	CITATIONS
829	Diisocyanide Complexes of Molybdenum(0) and Tungsten(0) and Derived Aminocarbene Complexes. <i>Inorganic Syntheses</i> , 2007, , 9-14.	0.3	1
830	The first metal complexes bearing ligated 3-iminoisoindolin-1-ones. <i>Inorganica Chimica Acta</i> , 2009, 362, 2994-2998.	2.4	1
831	Reactivity of the Antitumor Complex (H ₂ trz) [trans-RuCl ₄ (N ₂ -Htrz) ₂] in the Presence of DNA Purines within a Fluorinated Silica Matrix. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1189-1199.	2.6	1
832	Correction to New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu ₃ (1/4-3-OH)(1/4-pz) ₃] ₂ and 4,4'-Bipyridine. 1 Å°. <i>Crystal Growth and Design</i> , 2013, 13, 1799-1799.	3.0	1
833	Back Cover: Water-Soluble C-Scorpionate Complexes - Catalytic and Biological Applications (Eur. J.) <i>Tj ETQq1 1 0.784314 rgBT / Overlo</i>	2.0	1
834	Virtual Collection of Portuguese Catalysis. <i>ChemCatChem</i> , 2018, 10, 2712-2716.	3.7	1
835	Distinctive coordination behavior of a pyrazole imine-oxime compound towards Co(II) and Ni(II). <i>Heliyon</i> , 2019, 5, e01623.	3.2	1
836	Alkoxo bridged heterobimetallic Co(III)Sn(IV) compounds with face shared coordination octahedra: Synthesis, crystal structure and cyanosilylation catalysis. <i>Journal of Organometallic Chemistry</i> , 2021, 949, 121949.	1.8	1
837	Electrochemical Ligand Parameters for Phosphonium-Functionalized Isocyanides and Derived Carbenes and Indoles of Group VI Transition Metal Carbonyls. , 1993, , 57-62.		1
838	Electrochemical Properties of Robson Type Macrocyclic Dicopper(II) Complexes. <i>Portugaliae Electrochimica Acta</i> , 2015, 33, 201-207.	1.1	1
839	Electrochemical Behaviour of Aminoxy-, Dioxy- and Diaminocarbene Complexes of Palladium(II) and Platinum(II). , 1993, , 345-350.		0
840	Metal-Mediated and Metal-Catalyzed Hydrolysis of Nitriles. <i>ChemInform</i> , 2005, 36, no.	0.0	0
841	Triphenylbenzylphosphonium trichloro(propiononitrile)platinate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1843-m1844.	0.2	0
842	trans -Bis[1,2-Ethanediybis(Diphenyl- Phosphine)]Bis(Isocyanomethane)Tungsten(0). <i>Inorganic Syntheses</i> , 2007, , 43-45.	0.3	0
843	Protagonist in chemistry. <i>Inorganica Chimica Acta</i> , 2008, 361, 1567-1568.	2.4	0
844	<l>XXV International Conference on Organometallic Chemistry</l>. <i>Platinum Metals Review</i> , 2013, 57, 17-31.	1.2	0
845	Metal systems for a sustainable chemistry. <i>Inorganica Chimica Acta</i> , 2017, 455, 307-308.	2.4	0
846	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1661-1662.	3.7	0

#	ARTICLE	IF	CITATIONS
847	Frontispiece: Noncovalent Interactions at Lanthanide Complexes. Chemistry - A European Journal, 2021, 27, .	3.3	0
848	Isocyanides as Probes in Chemical Nitrogen Fixation. , 1984, , 98-98.		0
849	A Comparative Study of Numerical Methods for Cyclic Voltammetry Digital Simulation of an Electrochemical Process with a Coupled Chemical Reaction. , 1993, , 477-482.		0
850	Noncovalent Interactions. Chemistry International, 2020, 42, 37-40.	0.3	0