

M Fc Guedes Da Silva

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#	Paper	IF	Citations
342	Chalcogen bonding in synthesis, catalysis and design of materials. <i>Dalton Transactions</i> , 2017 , 46, 10121-10138	10.3	247
341	Multinuclear copper triethanolamine complexes as selective catalysts for the peroxidative oxidation of alkanes under mild conditions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4345-9	16.4	229
340	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. <i>Coordination Chemistry Reviews</i> , 2017 , 345, 54-72	23.2	181
339	Vanadium complexes: Recent progress in oxidation catalysis. <i>Coordination Chemistry Reviews</i> , 2015 , 301-302, 200-239	23.2	175
338	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	5.6	153
337	Aminocarbene complexes derived from nucleophilic addition to isocyanide ligands. <i>Coordination Chemistry Reviews</i> , 2001 , 218, 75-112	23.2	152
336	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, 7083-93	5.1	143
335	Noncovalent interactions in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2019 , 387, 32-46	23.2	137
334	Differentially selective chemosensor with fluorescence off-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, 6655-64	5.1	134
333	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	3.5	114
332	Self-assembled copper(II) coordination polymers derived from aminopolyalcohols and benzenepolycarboxylates: structural and magnetic properties. <i>Inorganic Chemistry</i> , 2008 , 47, 162-75	5.1	109
331	Diorganotin(IV) derivatives of substituted benzohydroxamic acids with high antitumor activity. <i>Chemistry - A European Journal</i> , 2004 , 10, 1456-62	4.8	95
330	Novel Scorpionate and Pyrazole Dioxovanadium Complexes, Catalysts for Carboxylation and Peroxidative Oxidation of Alkanes. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 171-187	5.6	91
329	Aminocarbyne complexes derived from isocyanides activated towards electrophilic addition. <i>Coordination Chemistry Reviews</i> , 2001 , 218, 43-74	23.2	90
328	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 SuzukiMiyaura Reaction. <i>Organometallics</i> , 2009 , 28, 6559-6566	3.8	88
327	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	3.5	87
326	3D hydrogen bonded heteronuclear Coll, Nill, Cull and ZnII aqua complexes derived from dipicolinic acid. <i>Inorganica Chimica Acta</i> , 2007 , 360, 506-512	2.7	87

325	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, 5886-94	5.1	86
324	Ortho-hydroxyphenylhydrazo- β -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, 918-31	5.1	86
323	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	2.3	86
322	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, 4048-58	4.3	84
321	New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAS): synthesis, topological analysis and antimicrobial activity. <i>CrystEngComm</i> , 2013 , 15, 8060	3.3	82
320	Bioactive Silver-Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. <i>Inorganic Chemistry</i> , 2016 , 55, 1486-96	5.1	81
319	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, 8158-67	5.1	79
318	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	3.5	78
317	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	3.5	78
316	Zinc metal-organic frameworks: efficient catalysts for the diastereoselective Henry reaction and transesterification. <i>Dalton Transactions</i> , 2014 , 43, 7795-810	4.3	78
315	Cu(II) 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 , 9207-15	4.3	78
314	Electron-transfer induced isomerizations of coordination compounds. <i>Coordination Chemistry Reviews</i> , 2001 , 219-221, 53-80	23.2	77
313	Redox potential and substituent effects at ferrocene derivatives. Estimates of Hammett ρ and Taft polar σ substituent constants. <i>Journal of Organometallic Chemistry</i> , 1991 , 421, 75-90	2.3	75
312	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, 2766-8	5.8	72
311	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		72
310	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, 11173-83	5.1	71
309	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, 11096-105	5.1	70
308	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	5.1	69

- 307 Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. *Dalton Transactions*, **2012**, 41, 12888-97 4.3 68
- 306 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. *Inorganic Chemistry*, **2010**, 49, 6390-2 5.1 68
- 305 Cu(I) complexes bearing the new sterically demanding and coordination flexible tris(3-phenyl-1-pyrazolyl)methanesulfonate ligand and the water-soluble phosphine 1,3,5-triaza-7-phosphaadamantane or related ligands. *Inorganic Chemistry*, **2008**, 47, 10158-68 5.1 68
- 304 Tautomeric effect of hydrazone Schiff bases in tetranuclear Cu(II) complexes: magnetism and catalytic activity towards mild hydrocarboxylation of alkanes. *Dalton Transactions*, **2013**, 42, 16578-87 4.3 67
- 303 Alkali metal directed assembly of heterometallic V(v)/M (M = Na, K, Cs) coordination polymers: structures, topological analysis, and oxidation catalytic properties. *Inorganic Chemistry*, **2013**, 52, 8601-11 5.1 66
- 302 Zinc(II) ortho-hydroxyphenylhydrazo-diketone complexes and their catalytic ability towards diastereoselective nitroaldol (Henry) reaction. *Dalton Transactions*, **2011**, 40, 5352-61 4.3 66
- 301 1,3,5-Triaza-7-phosphaadamantane-7-oxide (PTA⁷O): New Diamondoid Building Block for Design of Three-Dimensional Metal-Organic Frameworks. *Crystal Growth and Design*, **2011**, 11, 2711-2716 3.5 66
- 300 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 E/Z isomerisation. *Chemistry - A European Journal*, **2013**, 19, 588-600 4.8 65
- 299 Mild oxidative functionalization of alkanes and alcohols catalyzed by new mono- and dicopper(II) aminopolyalcoholates. *Journal of Molecular Catalysis A*, **2011**, 350, 26-34 65
- 298 A hexanuclear mixed-valence oxovanadium(IV,V) complex as a highly efficient alkane oxidation catalyst. *Inorganic Chemistry*, **2012**, 51, 11229-31 5.1 64
- 297 Amavadin and other vanadium complexes as remarkably efficient catalysts for one-pot conversion of ethane to propionic and acetic acids. *Chemistry - A European Journal*, **2008**, 14, 1828-42 4.8 64
- 296 A new binuclear oxovanadium(V) complex as a catalyst in combination with pyrazinecarboxylic acid (PCA) for efficient alkane oxygenation by H₂O₂. *Dalton Transactions*, **2013**, 42, 11791-803 4.3 63
- 295 Self-assembled dicopper(II) diethanolamine cores for mild aerobic and peroxidative oxidation of alcohols. *Dalton Transactions*, **2010**, 39, 9879-88 4.3 63
- 294 Syntheses, structure, and reactivity of chiral titanium compounds: procatalysts for olefin polymerization. *Chemistry - A European Journal*, **2001**, 7, 951-8 4.8 63
- 293 Pyrazole or tris(pyrazolyl)ethanol oxo-vanadium(IV) complexes as homogeneous or supported catalysts for oxidation of cyclohexane under mild conditions. *Journal of Molecular Catalysis A*, **2013**, 367, 52-60 62
- 292 Azametallacycles from Ag(I)- or Cu(II)-promoted coupling reactions of dialkylcyanamides with oximes at Pt(II). *Inorganic Chemistry*, **2001**, 40, 1134-42 5.1 62
- 291 The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. *European Journal of Inorganic Chemistry*, **2007**, 2007, 2686-2692 2.3 61
- 290 Dinuclear Mn(II,II) complexes: magnetic properties and microwave assisted oxidation of alcohols. *Dalton Transactions*, **2014**, 43, 3966-77 4.3 59

289	3D hydrogen bonded metal-organic frameworks constructed from [M(H ₂ O) ₆][M'(dipicolinate) ₂](nH ₂ O) (M/M'= Zn/Ni or Ni/Ni). Identification of intercalated acyclic (H ₂ O) ₆ /(H ₂ O) ₁₀ clusters. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1728-1737	2.7	59
288	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 , 3074-84	4.3	58
287	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	3.8	57
286	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	3.5	57
285	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, 16953-64	4.3	56
284	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	3.6	56
283	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		55
282	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	4.8	54
281	Diorganotin(IV) derivatives of arylhydroxamic acids: synthesis, properties and antitumor activity. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 4584-4591	2.3	53
280	Metal-mediated [2+3] cycloaddition of nitrones to palladium-bound isonitriles. <i>Chemistry - A European Journal</i> , 2009 , 15, 5969-78	4.8	52
279	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	5.1	51
278	Copper(II) complexes of arylhydrazones of β -diketones immobilized on ZnAl layered double hydroxides as effective recyclable catalysts for peroxidative oxidation of alkanes. <i>Applied Catalysis A: General</i> , 2012 , 439-440, 15-23	5.1	50
277	Synthesis, characterization, solid-state photo-luminescence and anti-tumor activity of zinc(II) 4Pphenyl-terpyridine compounds. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 704-11	4.2	50
276	Novel Palladium-Aminocarbene Species Derived from Metal-Mediated Coupling of Isonitriles and 1,3-Diiminoisindoline: Synthesis and Catalytic Application in Suzuki-Miyaura Cross-Coupling. <i>Organometallics</i> , 2012 , 31, 2379-2387	3.8	49
275	Copper(II) complexes with a new carboxylic-functionalized arylhydrazone of β -diketone as effective catalysts for acid-free oxidations. <i>New Journal of Chemistry</i> , 2012 , 36, 1646	3.6	48
274	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	4.3	47
273	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	2.3	47
272	Stereochemical investigation of the addition of primary and secondary aliphatic amines to the nitrile complexes cis- and trans-[PtCl ₂ (NCMe) ₂]. X-ray structures of the amidine complexes trans-[Pt(NH ₂ Pri) ₂ {Z?N(H)?C(NHPri)Me}]Cl ₂ ·H ₂ O and trans-[PtCl ₂ (NCMe){E?N(H)?C(NMeBut)Me}]. <i>Inorganica Chimica Acta</i> , 2002 , 330, 229-239	2.7	47

271	Preparation and Crystal Structures of Benzoylhydrazido- and-diazenidorhenium Complexes with N,O-Ligands and Their Catalytic Activity Towards Peroxidative Oxidation of Cycloalkanes. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2071-2080	2.3	47
270	Synthesis, structure and catalytic application of lead(II) complexes in cyanosilylation reactions. <i>Dalton Transactions</i> , 2015 , 44, 268-80	4.3	46
269	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		46
268	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	3.6	46
267	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	2.3	46
266	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 , 5297-304	4.3	46
265	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	2.7	45
264	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, 19983-96	4.3	44
263	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	7.3	44
262	Lanthanide derivatives comprising arylhydrazones of β -diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. <i>Dalton Transactions</i> , 2015 , 44, 5602-10	4.3	44
261	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. <i>Inorganic Chemistry Communication</i> , 2012 , 22, 187-189	3.1	44
260	Evidence for a Michaelis-Menten Type Mechanism in the Electrocatalytic Oxidation of Mercaptopropionic Acid by an Amavadine Model. <i>Journal of the American Chemical Society</i> , 1996 , 118, 7568-7573	16.4	44
259	Trinuclear CuII Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3959-3969	2.3	43
258	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 , 6546-55	4.3	43
257	Iron(III) and cobalt(III) complexes with both tautomeric (keto and enol) forms of aroylhydrazone ligands: catalysts for the microwave assisted oxidation of alcohols. <i>RSC Advances</i> , 2016 , 6, 8079-8088	3.7	42
256	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	3.6	42
255	Water-Soluble Copper(II) Complexes with a Sulfonic-Functionalized Arylhydrazone of β -Diketone and Their Application in Peroxidative Allylic Oxidation of Cyclohexene. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2305-2313	2.3	42
254	Unprecedented Metal-Free C(sp ³) σ (sp ³) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. <i>Organometallics</i> , 2009 , 28, 1683-1687	3.8	42

253	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	2.3	41
252	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]BF ₄ . <i>Inorganic Chemistry</i> , 2015 , 54, 434-40	5.1	41
251	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4Pphenyl-terpyridine compounds. <i>Dalton Transactions</i> , 2016 , 45, 5339-55	4.3	41
250	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	2.7	40
249	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	2.3	40
248	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	2.3	39
247	Trends in properties of para-substituted 3-(phenylhydrazo)pentane-2,4-diones. <i>Journal of Physical Organic Chemistry</i> , 2011 , 24, 764-773	2.1	39
246	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	2.3	39
245	Coordination chemistry of CNH ₂ , the simplest aminocarbyne. <i>Journal of Organometallic Chemistry</i> , 2001 , 617-618, 65-69	2.3	39
244	Activation of organonitriles toward beta-electrophilic attack. Synthesis and characterization of methyleneamide (azavinylidene) complexes of rhenium. <i>Inorganic Chemistry</i> , 2002 , 41, 219-28	5.1	38
243	Nanoporous lanthanide metal-organic frameworks as efficient heterogeneous catalysts for the Henry reaction. <i>CrystEngComm</i> , 2016 , 18, 1337-1349	3.3	37
242	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu ₃ (β-OH)(Epz) ₃] ²⁺ and 4,4'-Bypiridine. 1 st <i>Crystal Growth and Design</i> , 2012 , 12, 2890-2901	3.5	37
241	Activation of C≡N 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	2.7	37
240	Redox potential, ligand and structural effects in rhodium(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2001 , 620, 174-181	2.3	37
239	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, 167-76		36
238	Mixed dinitrogen-organocyanamide complexes of molybdenum(0) and their protic conversion into hydrazide and amidoazavinylidene derivatives. <i>Inorganic Chemistry</i> , 2003 , 42, 2157-64	5.1	36
237	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 = Cl, F, Me or MeO). A mechanistic study. <i>Journal of Organometallic Chemistry</i> , 1993 , 461, 141-145	2.3	36
236	Ligand Design for N, O- or N, N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. <i>Inorganic Chemistry</i> , 2018 , 57, 14123-14133	5.1	36

- 235 Amide functionalized metal-organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. *RSC Advances*, **2015**, 5, 87400-87410 3.7 35
- 234 New Fell and Cull Complexes Bearing Azathia Macrocycles [Catalyst Precursors for Mild Peroxidative Oxidation of Cyclohexane and 1-Phenylethanol. *European Journal of Inorganic Chemistry*, **2011**, 2011, n/a-n/a 2.3 35
- 233 First example of an imine addition to coordinated isonitrile. *Inorganica Chimica Acta*, **2009**, 362, 833-838 2.7 35
- 232 Bifunctional activation of cyanoguanidine. Synthesis and molecular structure of the azametallacycle cis-[(PPh₃)₂Pt{NHC(OMe)=NC(NH₂)=NH}][BPh₄]. *Inorganica Chimica Acta*, **1997**, 265, 267-270 2.7 35
- 231 Metal-free and PdII-promoted [2+3] cycloadditions of a cyclic nitron to phthalonitriles: syntheses of oxadiazolines as well as phthalamide-PdII and dihydropyrrolyl-iminoisoindolinone-PdII complexes with high catalytic activity in Suzuki-Miyaura cross-coupling reactions. *Chemistry - A European Journal*, **2008**, 14, 9312-22 4.8 35
- 230 Syntheses and properties of cyanamide and cyanoguanidine complexes of platinum(II). X-Ray structure of trans-[Pt(CF₃)(NCNEt₂)(PPh₃)₂][BF₄]. *Journal of Organometallic Chemistry*, **1995**, 490, 89-99²⁻³ 35
- 229 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. *European Journal of Inorganic Chemistry*, **2013**, 2013, 3651-3658 2.3 34
- 228 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 34
- 227 Electrochemical synthesis of adducts of 2-aminopyridine or methanol in metal chelates of a N,N,N-tridentate Schiff base ligand. X-ray crystal structures of the Ni(II) and Zn(II) derivatives. *Polyhedron*, **2003**, 22, 1335-1340 2.7 34
- 226 DNA and BSA binding and cytotoxic properties of copper(II) and iron(III) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands. *New Journal of Chemistry*, **2017**, 41, 4076-4086^{3,6} 33
- 225 Cobalt complexes with pyrazole ligands as catalyst precursors for the peroxidative oxidation of cyclohexane: X-ray absorption spectroscopy studies and biological applications. *Chemistry - an Asian Journal*, **2014**, 9, 1132-43 4.5 32
- 224 Sulfonated Schiff base Sn(IV) complexes as potential anticancer agents. *Journal of Inorganic Biochemistry*, **2016**, 162, 83-95 4.2 31
- 223 NiII, CuII and ZnII complexes with a sterically hindered scorpionate ligand (TpmsPh) and catalytic application in the diastereoselective nitroaldol (Henry) reaction. *Dalton Transactions*, **2014**, 43, 15192-200^{4,3} 31
- 222 Synthesis and characterization of some water soluble Zn(II) complexes with (E)-N-(pyridin-2-ylmethylene)arylamines that regulate tumour cell death by interacting with DNA. *Dalton Transactions*, **2014**, 43, 1191-202 4.3 31
- 221 Oxidovanadium(V) Complexes Anchored on Carbon Materials as Catalysts for the Oxidation of 1-Phenylethanol. *ChemCatChem*, **2016**, 8, 2254-2266 5.2 31
- 220 ADC-metal complexes as effective catalysts for hydrosilylation of alkynes. *Journal of Catalysis*, **2014**, 309, 79-86 7.3 30
- 219 Oxadiazoline and Ketoimine Palladium(II) Complexes as Highly Efficient Catalysts for Suzuki-Miyaura Cross-Coupling Reactions in Supercritical Carbon Dioxide. *Advanced Synthesis and Catalysis*, **2011**, 353, 1153-1160 5.6 30
- 218 Copper(I) Iodide Complexes Derived from N-Alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, Crystal Structures, Photoluminescence, and Identification of the Unprecedented {Cu₃I₅}₂ Cluster. *Organometallics*, **2009**, 28, 6425-6431 3.8 30

217	Pd(II)-promoted [2 + 3] cycloaddition of pyrroline N-oxide to organonitriles. Application of (Delta(4)-1,2,4-oxadiazoline)-Pd(II) complexes in the Suzuki-Miyaura reaction. <i>Dalton Transactions</i> , 2009 , 2210-6	4.3	30
216	Synthesis of the cyanamide-derived bis(cyanoimido) complexes trans-[M(NCN) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (M = Mo or W) and crystal structure of the molybdenum compound. <i>Journal of Organometallic Chemistry</i> , 1989 , 371, C45-C47	2.3	30
215	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(CCHR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂] (R = alkyl or aryl) and X-ray structure of trans-[ReCl(CCHPh)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989		30
214	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	3.8	29
213	Iminoacylation. <i>Inorganica Chimica Acta</i> , 2000 , 300-302, 499-504	2.7	29
212	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?-methoxysalicylaldimine). <i>Inorganica Chimica Acta</i> , 1996 , 244, 25-36	2.7	29
211	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	3.5	28
210	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	2.3	28
209	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, 6456-67	5.1	28
208	Hydrosoluble Cu(i)-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	4.3	28
207	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, 12779-89	4.3	27
206	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	3.3	27
205	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	2.3	27
204	Pt(II)-promoted [2 + 3] cycloaddition of azide to cyanopyridines: convenient tool toward heterometallic structures. <i>Inorganic Chemistry</i> , 2008 , 47, 11334-41	5.1	27
203	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 ; dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂), trans-[ReCl ₂ (dppe) ₂] and [NBun ₄] ₂ [trans-MoCl ₂ (dppe) ₂][BF ₄] ₃ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3015-3023		27
202	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018 , 471, 130-136	2.7	27
201	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	5.5	26
200	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , 2020 , 416, 213332	23.2	26

199	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 137-144	7.5	26
198	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	3.7	26
197	Crystal engineering with 1,3,5-triaza-7-phosphaadamantane (PTA): first PTA-driven 3D metal-organic frameworks. <i>CrystEngComm</i> , 2011 , 13, 6329	3.3	26
196	Mixed unsymmetric oxadiazoline and/or imine platinum(II) complexes. <i>Dalton Transactions</i> , 2007 , 3259-663	6.3	26
195	Zinc amidoisophthalate complexes and their catalytic application in the diastereoselective Henry reaction. <i>New Journal of Chemistry</i> , 2015 , 39, 3004-3014	3.6	25
194	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	3.7	25
193	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	2.7	25
192	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	2.3	25
191	MnII and CuII 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	3.7	24
190	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	2.7	24
189	Dimeric diorganotin(IV) complexes with arylhydrazones of β -diketones: synthesis, structures, cytotoxicity and apoptosis properties. <i>RSC Advances</i> , 2015 , 5, 45053-45060	3.7	24
188	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-N bond cleavage of propionitrile by a PdII Centre. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3513-3520	2.3	24
187	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 , 4778-85	4.3	24
186	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	2.3	24
185	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	2.3	24
184	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	3.6	24
183	Unusual shift of a nitro group in a phenylhydrazone- β -diketone. <i>Dalton Transactions</i> , 2011 , 40, 12472-8	4.3	23
182	Synthesis and Electrochemical and Theoretical Studies of Fischer-Type Alkenyl-Carbyne Tungsten Complexes [(dppe)(CO) ₂ (RNC)W{CCHCCH ₂ CH ₂ (CH ₂) _n CH ₂ }] [BF ₄] (R = Alkyl, Aryl) <i>Organometallics</i> , 2001 , 20, 2782-2793	3.8	23

181	Persistent hydrogen-bonded and non-hydrogen-bonded phenoxyl radicals. <i>Chemistry - A European Journal</i> , 2011 , 17, 11882-92	4.8	22
180	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	2.7	22
179	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	3.7	22
178	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	2.7	21
177	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	2.3	21
176	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	3.6	21
175	A new cyclic binuclear Ni(II) complex as a catalyst towards nitroaldol (Henry) reaction. <i>Catalysis Communications</i> , 2014 , 57, 103-106	3.2	21
174	Mixed ligand aroylhydrazone and N-donor heterocyclic Lewis base Cu(II) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , 2017 , 175, 267-275	4.2	21
173	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	5.1	21
172	Direct synthesis of (imine)platinum(II) complexes by iminoacylation of ketoximes with activated organonitrile ligands. <i>Dalton Transactions</i> , 2006 , 5062-7	4.3	21
171	Aroylhydrazone Cu(II) Complexes in keto Form: Structural Characterization and Catalytic Activity towards Cyclohexane Oxidation. <i>Molecules</i> , 2016 , 21, 425	4.8	21
170	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, 13957-68	4.3	21
169	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	3.7	20
168	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	3.8	20
167	Ruthenium(II) Arene Complexes Bearing Tris(pyrazolyl)methanesulfonate Capping Ligands. Electrochemistry, Spectroscopic, and X-ray Structural Characterization. <i>Organometallics</i> , 2011 , 30, 6180-6188	3.8	20
166	Synthesis and coordination chemistry of a new N4-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, 7941-52	5.1	20
165	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	2.3	20
164	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	7.3	20

- 163 Addition of N-nucleophiles to gold(III)-bound isocyanides leading to short-lived gold(III) acyclic diaminocarbene complexes. *New Journal of Chemistry*, **2017**, 41, 3246-3250 3.6 19
- 162 Triphenylstannyl((arylimino)methyl)benzoates with selective potency that induce G1 and G2/M cell cycle arrest and trigger apoptosis via ROS in human cervical cancer cells. *Dalton Transactions*, **2018**, 47, 1993-2008 4.3 19
- 161 New Rull (arene) complexes with halogen-substituted bis- and tris(pyrazol-1-yl)borate ligands. *Chemistry - A European Journal*, **2014**, 20, 3689-704 4.8 19
- 160 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. *Inorganica Chimica Acta*, **2014**, 423, 183-193 2.7 19
- 159 Photoinduced synthesis and electrochemical properties of new ruthenium(mono)bipyridine dialkylcyanamide and propiononitrile complexes. *Journal of Organometallic Chemistry*, **2006**, 691, 2368-2377 2.3 19
- 158 Hydride to carbene migration at platinum(II). Synthesis and x-ray structure of [cyclic] cis[(PPh₃)₂Pt[C(H)SCH₂CH₂S]]BF₄. *Organometallics*, **1993**, 12, 2372-2376 3.8 19
- 157 Electrochemically induced dehydrogenation of the hydride complexes [ReClH(NCR)(Ph₂PCH₂CH₂PPh₂)₂][BF₄]. A mechanistic study. *Journal of the Chemical Society Chemical Communications*, **1992**, 1289 19
- 156 Peroxides in metal complex catalysis. *Coordination Chemistry Reviews*, **2021**, 437, 213859 23.2 19
- 155 Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. *Dalton Transactions*, **2019**, 48, 1774-1785 4.3 18
- 154 Synthesis, characterization, antimicrobial and enzymatic activity of 4b,9b-dihydroxy-7,8-dihydro-4bH-indeno[1,2-b]benzofuran-9,10(6H,9bH)-dione. *Journal of Molecular Structure*, **2011**, 1006, 318-323 3.4 18
- 153 Cationic phenyl and chloro-platinum(II) complexes with cyanamides and cyanoguanidine. X-ray structure of trans-[Pt(Ph)(NCNMe₂)(PPh₃)₂][BPh₄]. *Inorganica Chimica Acta*, **2002**, 334, 395-402 2.7 18
- 152 Unusual pathways for the reaction between [MCl₂(Me₂SO)₄] (M = Os, Ru) and hydrazine dihydrochloride: deoxygenation of sulfoxides vs. coordination of hydrazinium. *Dalton Transactions RSC*, **2000**, 1363-1371 18
- 151 Electron-transfer activation of the aminocarbene and the hydrogen isocyanide complexes trans-[ReCl(CNHn)(Ph₂PCH₂CH₂PPh₂)₂][BF₄]_n (n=2 or 1). Interconversion of coordinated CNH₂ and CNH. *Inorganica Chimica Acta*, **1994**, 226, 9-16 2.7 18
- 150 Preparation and properties of the nitrile complexes trans-[ReCl(NCR)(dppe)₂] (R = alkyl or aryl). *Polyhedron*, **1989**, 8, 1872-1873 2.7 18
- 149 Vanadium complexes of different nuclearities in the catalytic oxidation of cyclohexane and cyclohexanol: an experimental and theoretical investigation. *New Journal of Chemistry*, **2019**, 43, 17557-17570 3.6 17
- 148 Arylhydrazones of barbituric acid: synthesis, coordination ability and catalytic activity of their CoII, CoII/III and CuII complexes toward peroxidative oxidation of alkanes. *RSC Advances*, **2015**, 5, 84142-84152 3.7 17
- 147 ZnII and CdII MOFs based on an amidoisophthalic acid ligand: synthesis, structure and catalytic application in transesterification. *RSC Advances*, **2016**, 6, 89007-89018 3.7 17
- 146 Nickel(II)-2-amino-4-alkoxy-1,3,5-triazapentadienate complexes as catalysts for Heck and Henry reactions. *RSC Advances*, **2016**, 6, 29159-29163 3.7 17

145	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	2.3	17
144	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	3.8	17
143	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	4	16
142	DNA and BSA binding, anticancer and antimicrobial properties of Co(II), Co(II/III), Cu(II) and Ag(I) complexes of arylhydrazones of barbituric acid. <i>RSC Advances</i> , 2016 , 6, 4237-4249	3.7	16
141	Water soluble heterometallic potassium-dioxidovanadium(V) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , 2016 , 155, 17-25	4.2	16
140	Metal-mediated coupling of amino acid esters with isocyanides leading to new chiral acyclic aminocarbene complexes. <i>Dalton Transactions</i> , 2014 , 43, 15861-71	4.3	16
139	New dibutyltin(IV) ladders: Syntheses, structures and, optimization and evaluation of cytotoxic potential employing A375 (melanoma) and HCT116 (colon carcinoma) cell lines in vitro. <i>Journal of Inorganic Biochemistry</i> , 2017 , 166, 34-48	4.2	16
138	Redox-active cytotoxic diorganotin(IV) cycloalkylhydroxamate complexes with different ring sizes: reduction behaviour and theoretical interpretation. <i>Journal of Inorganic Biochemistry</i> , 2012 , 117, 147-56	4.2	16
137	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	2.7	16
136	Solvent-Free Microwave-Assisted Peroxidative Oxidation of Alcohols Catalyzed by Iron(III)-TEMPO Catalytic Systems. <i>Catalysis Letters</i> , 2015 , 145, 2066-2076	2.8	15
135	Cu(II) complexes of N-rich arylhydrazone: magnetism and catalytic activity towards microwave-assisted oxidation of xylenes. <i>Dalton Transactions</i> , 2019 , 48, 12839-12849	4.3	15
134	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	3.1	15
133	Copper(I) and copper(II) metallacycles as catalysts for microwave assisted selective oxidation of cyclohexane. <i>Polyhedron</i> , 2017 , 134, 143-152	2.7	15
132	Pd(II)-Promoted Single-Pot Template Transformations of Benzonitriles, Cyanoguanidine and Sodium Dicyanamide with the Formation of Symmetrical and Asymmetrical (1,3,5-Triazapentadienyl)palladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 277-288	2.3	15
131	Reactivity of [Pt(CH2=CH2)(PPh3)2] toward ethyldiazocetate. Synthesis and molecular structure of the diethyl fumarate complex [Pt{trans-CH(CO2Et)=CH(CO2Et)}(PPh3)2] and preparation of the analogous diethyl maleate compound. <i>Inorganica Chimica Acta</i> , 1993 , 214, 85-95	2.7	15
130	CO2 + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates. <i>Journal of Supercritical Fluids</i> , 2018 , 132, 71-75	4.2	15
129	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,	4.8	15
128	Copper(II) and Sodium(I) Complexes based on 3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane-5-oxide: Synthesis, Characterization, and Catalytic Activity. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2868-2880	4.5	15

127	In vitro and in vivo biological characterization of the anti-proliferative potential of a cyclic trinuclear organotin(IV) complex. <i>Molecular BioSystems</i> , 2016 , 12, 1015-23		14
126	Structural Versatility of Alkali Metal Coordination Polymers Driven by Arylhydrazones of β -Diketones. <i>Crystal Growth and Design</i> , 2013 , 13, 5076-5084	3.5	14
125	Redox potential parameterization in coordination compounds with polydentate scorpionate and benzene ligands. <i>Electrochimica Acta</i> , 2012 , 82, 478-483	6.7	14
124	Pt(II)-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, 10774-86	5.1	14
123	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	2.7	14
122	Redox Potential - (Electronic) Structure Relationships in 18- and 17-Electron Mononitrile (or Monocarbonyl) Diphosphine Complexes of Re and Fe. <i>Collection of Czechoslovak Chemical Communications</i> , 2001 , 66, 139-154		14
121	Arylhydrazone Cd(II) and Cu(II) complexes as catalysts for secondary alcohol oxidation. <i>Polyhedron</i> , 2017 , 129, 182-188	2.7	13
120	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	3.6	13
119	Silver coordination polymers with tri- and hexacyanoethyl-functionalized macrocyclic ligands. <i>Dalton Transactions</i> , 2015 , 44, 1388-96	4.3	13
118	N-HO and N-HCl supported 1D chains of heterobimetallic Cu/Ni-Sn cocrystals. <i>Dalton Transactions</i> , 2016 , 45, 17929-17938	4.3	13
117	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	4.3	13
116	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	13
115	A Dianionic Dinickel(II) Complex and Its Oxidised Phenoxyl Radical States. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2791-2796	2.3	13
114	Syntheses and Crystal Structures of the First Zinc Complex with 1,3,5-Triaza-7-phosphaadamantane (PTA), [ZnCl ₂ (PTA) ₂], and of the Hybrid Organic-Inorganic Salts of N-Methyl-1,3,5-triaza-7-phosphaadamantane with Tetrahalozinc [PTAMe] ₂ [ZnX ₂] (X = I, Cl). <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1101-1107	2.3	13
113	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	2.7	13
112	Synthesis, Characterization and Redox Behaviour of Mono- and Dicarbonyl Phosphane Rhenium(I) Complexes Bearing N-, N,N- and N,O-Type Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1556-1565	2.3	13
111	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	2.3	13
110	Liposomes as Delivery System of a Sn(IV) Complex for Cancer Therapy. <i>Pharmaceutical Research</i> , 2016 , 33, 1351-8	4.5	13

109	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	5	12
108	1D hacksaw chain bipyridine-sulfonate Schiff base-dicopper(II) as a host for variable solvent guests. <i>RSC Advances</i> , 2015 , 5, 28070-28079	3.7	12
107	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	2.4	12
106	Synthesis and catalytic activities of a Zn(II) 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	4.3	11
105	New copper(II) tetramer with arylhydrazone of barbituric acid and its catalytic activity in the oxidation of cyclic C ₅ -C ₈ alkanes. <i>Polyhedron</i> , 2016 , 117, 666-671	2.7	11
104	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110789	4.2	11
103	Synthesis and chemical reactivity of an Fe(III) metallacrown-6 towards N-donor Lewis bases. <i>Inorganic Chemistry Communication</i> , 2013 , 30, 42-45	3.1	11
102	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	2.7	11
101	1D Zn(II) coordination polymer of arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione as a pre-catalyst for the Henry reaction. <i>Catalysis Communications</i> , 2016 , 87, 49-52	3.2	11
100	Copper(II) coordination polymers of arylhydrazone of 1H-indene-1,3(2H)-dione linked by 4,4'-bipyridine or hexamethylenetetramine: Evaluation of catalytic activity in Henry reaction. <i>Polyhedron</i> , 2017 , 133, 33-39	2.7	10
99	New Trends in Enantioselective Cross-Dehydrogenative Coupling. <i>Catalysts</i> , 2020 , 10, 529	4	10
98	Fine tuning through valence bond tautomerization of ancillary ligands in ruthenium(II) arene complexes for better anticancer activity and enzyme inhibition properties. <i>Dalton Transactions</i> , 2016 , 45, 19277-19289	4.3	10
97	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	3.3	10
96	Isomerisation and controlled condensation in an aqueous medium of allyl alcohol catalysed by new water-soluble rhodium complexes with 1,3,5-triaza-7-phosphadamantane (PTA). <i>Dalton Transactions</i> , 2013 , 42, 10867-74	4.3	10
95	Molecular switching through cooperative ionic interactions and charge assisted hydrogen bonding. <i>Dyes and Pigments</i> , 2017 , 138, 107-111	4.6	10
94	Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. <i>Journal of Organometallic Chemistry</i> , 2012 , 714, 47-52	2.3	10
93	Structural and thermal properties of three cyano-substituted azoderivatives of β -diketones. <i>Journal of Molecular Structure</i> , 2011 , 992, 72-76	3.4	10
92	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	3.8	10

91	Synthesis and redox properties of cis-[ReCl(NCR)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂](R = alkyl or aryl) complexes with a cis-phosphine rhenium(I) centre. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 3299		10
90	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 , <i>7</i> , 865-877	2.3	10
89	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , 2019 , <i>200</i> , 110811	4.2	9
88	Syntheses, Structures, and Catalytic Hydrocarbon Oxidation Properties of N-Heterocycle-Sulfonated Schiff Base Copper(II) Complexes. <i>Inorganics</i> , 2019 , <i>7</i> , 17	2.9	9
87	1D Copper(II)-Aroylhydrazone Coordination Polymers: Magnetic Properties and Microwave Assisted Oxidation of a Secondary Alcohol. <i>Frontiers in Chemistry</i> , 2020 , <i>8</i> , 157	5	9
86	Synthesis, Characterization and Biological Activity of Novel Cu(II) Complexes of 6-Methyl-2-Oxo-1,2-Dihydroquinoline-3-Carbaldehyde-4n-Substituted Thiosemicarbazones. <i>Molecules</i> , 2020 , <i>25</i> ,	4.8	9
85	Insight into inhibition of the human amyloid beta protein precursor (APP: PDB ID) using (E)-N-(pyridin-2-ylmethylene)arylamines (LR) models: structure elucidation of a family of ZnX ₂ -LR complexes. <i>Dalton Transactions</i> , 2015 , <i>44</i> , 2359-69	4.3	9
84	Lewis acidity of platinum(II)-based Baeyer-Villiger catalysts: An electrochemical approach. <i>Inorganica Chimica Acta</i> , 2008 , <i>361</i> , 3247-3253	2.7	9
83	The First Observation and Structural Characterization of (Formamide)platinum(IV) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2001 , <i>2001</i> , 2805	2.3	9
82	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 , <i>482</i> , 100356	3.3	9
81	Cytotoxic homoleptic Ti(IV) compounds of ONO-type ligands: synthesis, structures and anti-cancer activity. <i>Dalton Transactions</i> , 2018 , <i>48</i> , 304-314	4.3	8
80	Cd(II) coordination compounds as heterogeneous catalysts for microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol. <i>New Journal of Chemistry</i> , 2020 , <i>44</i> , 9163-9171	3.6	8
79	1D coordination polymer with octahedral and square-planar nickel(II) centers. <i>Inorganic Chemistry Communication</i> , 2013 , <i>29</i> , 82-84	3.1	8
78	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)]. <i>Inorganica Chimica Acta</i> , 2011 , <i>378</i> , 342-348	2.7	8
77	Cyanide as a versatile Lewis base ligand at a dinitrogen-binding iron(II) centre: mono- and heteronuclear adducts. <i>Inorganica Chimica Acta</i> , 2003 , <i>356</i> , 259-266	2.7	8
76	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 , <i>10</i> , 447-454	2.2	8
75	The cis-Re(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ ⁺ metal centre. Synthesis and molecular structure of the dinitrile complex cis-[Re(NCC ₆ H ₄ Me-4) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1992 , <i>433</i> , C14-C17	2.3	8
74	ZnO nanoparticles: An efficient catalyst for transesterification reaction of keto carboxylic esters. <i>Catalysis Today</i> , 2020 , <i>348</i> , 72-79	5.3	8

73	Unfolding biological properties of a versatile dicopper(II) precursor and its two mononuclear copper(II) derivatives. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 25-36	4.2	7
72	Synthesis and Structure of Copper Complexes of a N6O4 Macrocyclic Ligand and Catalytic Application in Alcohol Oxidation. <i>Catalysts</i> , 2019 , 9, 424	4	7
71	Synergistic catalytic action of vanadia-titania composites towards the microwave-assisted benzoin oxidation. <i>Dalton Transactions</i> , 2019 , 48, 3198-3203	4.3	7
70	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	5	7
69	A tetranuclear diphenyltin(IV) complex and its catalytic activity in the aerobic Baeyer-Villiger oxidation of cyclohexanone. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 193-200	2.3	7
68	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. <i>Inorganica Chimica Acta</i> , 2018 , 469, 197-201	2.7	7
67	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	2.7	7
66	Versatility of Amide-Functionalized Co(II) and Ni(II) Coordination Polymers: From Thermo-chromic-Triggered Structural Transformations to Supercapacitors and Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , 2020 , 59, 16301-16318	5.1	7
65	1,3-Dipolar Cycloaddition of Nitrones to Gold(III)-Bound Isocyanides. <i>Organometallics</i> , 2016 , 35, 3569-3576	3.6	7
64	Perceptive variation of carboxylate ligand and probing the influence of substitution pattern on the structure of mono- and di-butylstannoxane complexes. <i>Inorganica Chimica Acta</i> , 2017 , 455, 627-637	2.7	6
63	Cyanosilylation of Aldehydes Catalyzed by Ag(I)- and Cu(II)-Arylhydrazone Coordination Polymers in Conventional and in Ionic Liquid Media. <i>Catalysts</i> , 2019 , 9, 284	4	6
62	Hydrosoluble Complexes Bearing Tris(pyrazolyl)methane Sulfonate Ligand: Synthesis, Characterization and Catalytic Activity for Henry Reaction. <i>Catalysts</i> , 2019 , 9, 611	4	6
61	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 , 4772-7	4.3	6
60	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	2.7	6
59	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	2.3	6
58	The electrodeposition of SnS layers on Sn(Hg). <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1984 , 172, 367-372		6
57	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo-[3.3.1.1]decane tetra-fluoro-borate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o556		6
56	A mechanistic insight into the rapid and selective removal of Congo Red by an amide functionalised Zn(ii) coordination polymer. <i>Dalton Transactions</i> , 2020 , 49, 12970-12984	4.3	6

55	Influence of anchoring moieties on new benzimidazole-based Schiff base copper(II) complexes towards estrogen dependent breast cancer cells. <i>Dalton Transactions</i> , 2021 , 50, 3701-3716	4.3	6
54	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	4	6
53	Packing polymorphism in 3-amino-2-pyrazinecarboxylate based tin(II) complexes and their catalytic activity towards cyanosilylation of aldehydes. <i>New Journal of Chemistry</i> , 2018 , 42, 17513-17523	3.6	6
52	Syntheses, Structural Snapshots, Solution Redox Properties, and Cytotoxic Performances of Designated Ferrocene Scaffolds Appended with Organostannyl(IV) benzoates en Route for Human Hepatic Carcinoma. <i>Organometallics</i> , 2018 , 37, 2961-2979	3.8	6
51	Zn(II)-to-Cu(II) Transmetalation in an Amide Functionalized Complex and Catalytic Applications in Styrene Oxidation and Nitroaldol Coupling. <i>Molecules</i> , 2020 , 25,	4.8	5
50	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	3.7	5
49	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , 2019 , 12,	3.5	5
48	Synthesis, characterization, electrochemical behavior and in vitro protein tyrosine kinase inhibitory activity of the cymene-halogenobenzohydroxamate [Ru(η -cymene)(bha)Cl] complexes. <i>Journal of Organometallic Chemistry</i> , 2013 , 730, 137-143	2.3	5
47	Cyanosilylation of aldehydes catalyzed by arylhydrazone di- and triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 848, 118-121	2.3	5
46	Bis[tris(1-pyrazolyl)methane- β N,N',N'']copper(II) dichloride methanol disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1979-m1979		5
45	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	23.2	5
44	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	4	5
43	Cyanosilylation of aldehydes catalyzed by lanthanide derivatives comprising arylhydrazones of β -diketones. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 102-105	2.3	4
42	Cobalt(II) complexes with pyridine and 5-[(E)-2-(aryl)-1-diazenyl]-quinolin-8-olates: synthesis, electrochemistry and X-ray structural characterization. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 2856-2874	1.6	4
41	Copper(II)-mediated in-situ hydrolyses of pyrroline N-oxide and benzonitrile leading to a mixed ligand complex. <i>Inorganic Chemistry Communication</i> , 2012 , 18, 69-72	3.1	4
40	Cyanoimide-Bridged, Bi- and Trinuclear, Heterometallic Complexes with an NCNMoNCN Phosphinic Core. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3966-3971	2.3	4
39	trans-Bis[5-(4-fluorophenyl)tetrazolato]bis(triphenylphosphine)platinum(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2656-m2656		4
38	Organometallic and coordination chemistry on phosphazenes. III. Synthesis, characterization, and electrochemical behavior of transition metal-cinnamitrile cyclophosphazene derivatives. <i>Journal of Inorganic and Organometallic Polymers</i> , 1996 , 6, 145-170		4

37	Three-dimensional hydrogen-bonded supra-molecular assembly in tetrakis-(1,3,5-triaza-7-phosphaadamantane)copper(I) chloride hexa-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m603-4		4
36	Electrochemical Behaviour of trans-[FeH(CN)(dppe) ₂] Adducts. <i>Collection of Czechoslovak Chemical Communications</i> , 2003 , 68, 1663-1676		4
35	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,	5.4	4
34	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,	4.8	4
33	Mono-alkylation of cyanoimide at a molybdenum(IV) diphosphinic center by alkyl halides: synthesis, cathodically induced isomerization and theoretical studies. <i>Electrochimica Acta</i> , 2016 , 218, 252-262	6.7	4
32	Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. <i>Materials</i> , 2019 , 12,	3.5	4
31	Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 14370-14388	4.9	4
30	Biological Evaluation of Azo- and Imino-Based Carboxylate Triphenyltin(IV) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 930-941	2.3	3
29	Influencing the outcome: Diorganotin(IV) ladder to macrocycle conversion through solvent selection. <i>Inorganic Chemistry Communication</i> , 2017 , 84, 68-71	3.1	3
28	Acylated cyanoimido-complexes trans-[Mo(NCN){NCNC(O)R}(dppe) ₂]Cl and their reactions with electrophiles: chemical, electrochemical and theoretical study. <i>Dalton Transactions</i> , 2012 , 41, 13876-90	4.3	3
27	Solvent-dependent reactivities of acyclic nitrones with 1,2-diketones: catalyst-free syntheses of endiones and enones. <i>Tetrahedron</i> , 2012 , 68, 7019-7027	2.4	3
26	Reactions and electrochemical behaviour of dithiocarbene complexes of platinum(II). <i>Inorganica Chimica Acta</i> , 1995 , 235, 397-405	2.7	3
25	Reactions of Bis(phenyldiazenido)rhenium Complex [ReBr ₂ (NNPh) ₂ (PPh ₃) ₂]Br with Carbon Monoxide and Alk-1-yne. <i>Collection of Czechoslovak Chemical Communications</i> , 2007 , 72, 599-608		3
24	Catalytic oxidation of a model volatile organic compound (toluene) with tetranuclear Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2021 , 520, 120314	2.7	3
23	Pyrene Carboxylate Ligand Based Coordination Polymers for Microwave-Assisted Solvent-Free Cyanosilylation of Aldehydes. <i>Molecules</i> , 2021 , 26,	4.8	3
22	A Mixed Valence CoCo Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. <i>Molecules</i> , 2021 , 26,	4.8	3
21	Copper(II) Complexes of Arylhydrazone of 1H-Indene-1,3(2H)-dione as Catalysts for the Oxidation of Cyclohexane in Ionic Liquids. <i>Catalysts</i> , 2018 , 8, 636	4	3
20	Expanding the family of substituted-at-core nickel(II) phthalocyanines. <i>Inorganica Chimica Acta</i> , 2017 , 455, 696-700	2.7	2

19	Fe(III) Complexes in Cyclohexane Oxidation: Comparison of Catalytic Activities under Different Energy Stimuli. <i>Catalysts</i> , 2020 , 10, 1175	4	2
18	Synthesis, Structures, Electrochemistry, and Catalytic Activity towards Cyclohexanol Oxidation of Mono-, Di-, and Polynuclear Iron(III) Complexes with 3-Amino-2-Pyrazinecarboxylate. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2692	2.6	2
17	Nitroaldol reaction catalyzed by arylhydrazone di- and triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 98-101	2.3	2
16	1-Methyl-1-azonia-3,5-diaza-7-phospha-tricyclo-[3.3.1.1]decane 7-oxide triiodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o496-7		2
15	Triorganostannyl(IV) benzoates with pendulous framework appended with ferrocene scaffold. <i>Journal of Organometallic Chemistry</i> , 2019 , 882, 33-41	2.3	2
14	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO ₂ . <i>Molecular Catalysis</i> , 2021 , 499, 111292	3.3	2
13	A new amido-phosphane as ligand for copper and silver complexes. Synthesis, characterization and catalytic application for azide-alkyne cycloaddition in glycerol. <i>Dalton Transactions</i> , 2021 , 50, 6109-6125	4.3	2
12	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	4	2
11	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	3.5	2
10	Heterogeneous Gold Nanoparticle-Based Catalysts for the Synthesis of Click-Derived Triazoles via the Azide-Alkyne Cycloaddition Reaction. <i>Catalysts</i> , 2022 , 12, 45	4	2
9	Distinctive coordination behavior of a pyrazole imine-oxime compound towards Co(II) and Ni(II). <i>Heliyon</i> , 2019 , 5, e01623	3.6	1
8	Efficient Solvent-Free Friedel-Crafts Benzoylation and Acylation of m-Xylene Catalyzed by N-Acetylpyrazine-2-carbohydrazide-Fe(III)-chloro Complexes. <i>ChemistrySelect</i> , 2018 , 3, 8349-8355	1.8	1
7	Synthesis, characterization and cholinesterase enzymes inhibitory activity of 1-[3-methyl-5-(2,6,6-trimethyl-cyclohex-1-enyl)-4,5-dihydro-pyrazol-1-yl]-ethanone. <i>Journal of Molecular Structure</i> , 2013 , 1049, 488-493	3.4	1
6	New members of the polynuclear manganese family: MnMn single-molecule magnets and MnMn antiferromagnetic complexes. Synthesis and magnetostructural correlations. <i>Dalton Transactions</i> , 2020 , 49, 13970-13985	4.3	1
5	Synthesis, crystal structures, magnetic properties and antimicrobial screening of octahedral nickel(II) complexes with substituted quinolin-8-olates and pyridine ligands. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127106	3.4	1
4	Reconnaissance of the reactions of carbamodithiolate salts with dialkyltin dichloride. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129541	3.4	1
3	Alkoxo bridged heterobimetallic CoIIISnIV compounds with face shared coordination octahedra: Synthesis, crystal structure and cyanosilylation catalysis. <i>Journal of Organometallic Chemistry</i> , 2021 , 949, 121949	2.3	1
2	MIIIIICl Interaction Supported Heterometallic {NiIIISnII}{SnIV} and {NiIISnII}{SnII} Complex Salts: Possibility of Ion-Pair-Assisted Tetrel Bonds. <i>Crystal Growth and Design</i> , 2022 , 22, 341-355	3.5	1

- 1 Polyaromatic Carboxylate Ligands Based Zn(II) Coordination Polymers for Ultrasound-Assisted One-Pot Tandem Deacetalization-Knoevenagel Reactions. *Catalysts*, **2022**, 12, 294 4 0