

# M Fc Guedes Da Silva

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

342  
papers

10,719  
citations

57  
h-index

79  
g-index

349  
ext. papers

11,662  
ext. citations

4.3  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
342	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> , <b>2022</b> , 22, 2248-2265	3.5	2
341	Polyaromatic Carboxylate Ligands Based Zn(II) Coordination Polymers for Ultrasound-Assisted One-Pot Tandem Deacetalization-Knoevenagel Reactions. <i>Catalysts</i> , <b>2022</b> , 12, 294	4	0
340	Heterogeneous Gold Nanoparticle-Based Catalysts for the Synthesis of Click-Derived Triazoles via the Azide-Alkyne Cycloaddition Reaction. <i>Catalysts</i> , <b>2022</b> , 12, 45	4	2
339	π-π Interaction Supported Heterometallic {Ni(II)Sn(IV)} and {Ni(II)Sn(II)} Complex Salts: Possibility of Ion-Pair-Assisted Tetrel Bonds. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 341-355	3.5	1
338	Synthesis of a Novel Series of Cu(I) Complexes Bearing Alkylated 1,3,5-Triaza-7-phosphadmantane as Homogeneous and Carbon-Supported Catalysts for the Synthesis of 1- and 2-Substituted-1,2,3-triazoles. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
337	Catalytic oxidation of a model volatile organic compound (toluene) with tetranuclear Cu(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 520, 120314	2.7	3
336	Peroxides in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 437, 213859	23.2	19
335	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> , <b>2021</b> , 429, 213614	23.2	5
334	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO <sub>2</sub> . <i>Molecular Catalysis</i> , <b>2021</b> , 499, 111292	3.3	2
333	Reconnaissance of the reactions of carbamodithiolate salts with dialkyltin dichloride. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1227, 129541	3.4	1
332	Influence of anchoring moieties on new benzimidazole-based Schiff base copper(II) complexes towards estrogen dependent breast cancer cells. <i>Dalton Transactions</i> , <b>2021</b> , 50, 3701-3716	4.3	6
331	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> , <b>2021</b> , 50, 6109-6125	4.3	2
330	The Catalytic Activity of Carbon-Supported Cu(I)-Phosphine Complexes for the Microwave-Assisted Synthesis of 1,2,3-Triazoles. <i>Catalysts</i> , <b>2021</b> , 11, 185	4	6
329	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> , <b>2021</b> , 11, 90	4	5
328	Pyrene Carboxylate Ligand Based Coordination Polymers for Microwave-Assisted Solvent-Free Cyanosilylation of Aldehydes. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
327	A Mixed Valence CoCo Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
326	A Bio-Based Alginate Aerogel as an Ionic Liquid Support for the Efficient Synthesis of Cyclic Carbonates from CO <sub>2</sub> and Epoxides. <i>Catalysts</i> , <b>2021</b> , 11, 872	4	2

325	Alkoxo bridged heterobimetallic CoIIISnIV compounds with face shared coordination octahedra: Synthesis, crystal structure and cyanosilylation catalysis. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 949, 121949	2.3	1
324	Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 14370-14388	4.8	4
323	Fe(III) Complexes in Cyclohexane Oxidation: Comparison of Catalytic Activities under Different Energy Stimuli. <i>Catalysts</i> , <b>2020</b> , 10, 1175	4	2
322	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> , <b>2020</b> , 49, 8075-8085	4.3	11
321	Cd(II) coordination compounds as heterogeneous catalysts for microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9163-9171	3.6	8
320	New Trends in Enantioselective Cross-Dehydrogenative Coupling. <i>Catalysts</i> , <b>2020</b> , 10, 529	4	10
319	Zn(II)-to-Cu(II) Transmetalation in an Amide Functionalized Complex and Catalytic Applications in Styrene Oxidation and Nitroaldol Coupling. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
318	1D Copper(II)-Aroylhydrazone Coordination Polymers: Magnetic Properties and Microwave Assisted Oxidation of a Secondary Alcohol. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 157	5	9
317	Biological Evaluation of Azo- and Imino-Based Carboxylate Triphenyltin(IV) Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 930-941	2.3	3
316	The Stereoselective Nitro-Mannich Reaction in the Synthesis of Active Pharmaceutical Ingredients and Other Biologically Active Compounds. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 30	5	7
315	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> , <b>2020</b> , 10, 2692	2.6	2
314	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> , <b>2020</b> , 25,	4.8	9
313	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 416, 213332	23.2	26
312	ZnO nanoparticles: An efficient catalyst for transesterification reaction of keto carboxylic esters. <i>Catalysis Today</i> , <b>2020</b> , 348, 72-79	5.3	8
311	New members of the polynuclear manganese family: MnMn single-molecule magnets and MnMn antiferromagnetic complexes. Synthesis and magnetostructural correlations. <i>Dalton Transactions</i> , <b>2020</b> , 49, 13970-13985	4.3	1
310	Water-Soluble O-, S- and Se-Functionalized Cyclic Acetyl-triaza-phosphines. Synthesis, Characterization and Application in Catalytic Azide-alkyne Cycloaddition. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
309	Versatility of Amide-Functionalized Co(II) and Ni(II) Coordination Polymers: From Thermochromic-Triggered Structural Transformations to Supercapacitors and Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16301-16318	5.1	7
308	A mechanistic insight into the rapid and selective removal of Congo Red by an amide functionalised Zn(ii) coordination polymer. <i>Dalton Transactions</i> , <b>2020</b> , 49, 12970-12984	4.3	6

307	Application of molybdenum complexes for the oxidation of cyclohexane in acetonitrile, ionic liquid and supercritical CO <sub>2</sub> media, a comparative study. <i>Molecular Catalysis</i> , <b>2020</b> , 482, 100356	3.3	9
306	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> , <b>2020</b> , 1200, 127106	3.4	1
305	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> , <b>2020</b> , 385, 324-337	7.3	20
304	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 200, 110811	4.2	9
303	Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1774-1785	4.3	18
302	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> , <b>2019</b> , 43, 9843-9854	3.6	13
301	Synthesis and Structure of Copper Complexes of a N <sub>6</sub> O <sub>4</sub> Macrocyclic Ligand and Catalytic Application in Alcohol Oxidation. <i>Catalysts</i> , <b>2019</b> , 9, 424	4	7
300	Distinctive coordination behavior of a pyrazole imine-oxime compound towards Co(II) and Ni(II). <i>Heliyon</i> , <b>2019</b> , 5, e01623	3.6	1
299	Cyanosilylation of Aldehydes Catalyzed by Ag(I)- and Cu(II)-Arylhydrazone Coordination Polymers in Conventional and in Ionic Liquid Media. <i>Catalysts</i> , <b>2019</b> , 9, 284	4	6
298	Syntheses, Structures, and Catalytic Hydrocarbon Oxidation Properties of N-Heterocycle-Sulfonated Schiff Base Copper(II) Complexes. <i>Inorganics</i> , <b>2019</b> , 7, 17	2.9	9
297	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> , <b>2019</b> , 9, 217	4	16
296	Vanadium complexes of different nuclearities in the catalytic oxidation of cyclohexane and cyclohexanol: an experimental and theoretical investigation. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 17557-17570	3.6	17
295	Synergistic catalytic action of vanadia-titania composites towards the microwave-assisted benzoin oxidation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3198-3203	4.3	7
294	Cu(II) complexes of N-rich arylhydrazone: magnetism and catalytic activity towards microwave-assisted oxidation of xylenes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 12839-12849	4.3	15
293	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 199, 110789	4.2	11
292	Hydrosoluble Complexes Bearing Tris(pyrazolyl)methane Sulfonate Ligand: Synthesis, Characterization and Catalytic Activity for Henry Reaction. <i>Catalysts</i> , <b>2019</b> , 9, 611	4	6
291	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , <b>2019</b> , 12,	3.5	5
290	Highly Efficient Bifunctional Amide Functionalized Zn and Cd Metal Organic Frameworks for One-Pot Cascade Deacetalization-Knoevenagel Reactions. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 699	5	12

- 289 Noncovalent interactions in metal complex catalysis. *Coordination Chemistry Reviews*, **2019**, 387, 32-46 23.2 137
- 288 Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. *Materials*, **2019**, 12, 3-5 4
- 287 Triorganostannyl(IV) benzoates with pendulous framework appended with ferrocene scaffold. *Journal of Organometallic Chemistry*, **2019**, 882, 33-41 2.3 2
- 286 Cytotoxic homoleptic Ti(IV) compounds of ONO-type ligands: synthesis, structures and anti-cancer activity. *Dalton Transactions*, **2018**, 48, 304-314 4.3 8
- 285 Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. *Biomedicine and Pharmacotherapy*, **2018**, 101, 137-144 7.5 26
- 284 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
- 283 A tetranuclear diphenyltin(IV) complex and its catalytic activity in the aerobic Baeyer-Villiger oxidation of cyclohexanone. *Journal of Organometallic Chemistry*, **2018**, 867, 193-200 2.3 7
- 282 Nitroaldol reaction catalyzed by arylhydrazone di- and triorganotin(IV) complexes. *Journal of Organometallic Chemistry*, **2018**, 867, 98-101 2.3 2
- 281 Cyanosilylation of aldehydes catalyzed by lanthanide derivatives comprising arylhydrazones of  $\beta$ -diketones. *Journal of Organometallic Chemistry*, **2018**, 867, 102-105 2.3 4
- 280 Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. *Inorganica Chimica Acta*, **2018**, 469, 197-201 2.7 7
- 279 Efficient Solvent-Free Friedel-Crafts Benzoylation and Acylation of m-Xylene Catalyzed by N-Acetylpyrazine-2-carbohydrazide-Fe(III)-chloro Complexes. *ChemistrySelect*, **2018**, 3, 8349-8355 1.8 1
- 278 Cobalt(II) complexes with pyridine and 5-[(E)-2-(aryl)-1-diazenyl]-quinolin-8-olates: synthesis, electrochemistry and X-ray structural characterization. *Journal of Coordination Chemistry*, **2018**, 71, 2856-2874 1.6 4
- 277 Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. *Inorganica Chimica Acta*, **2018**, 471, 130-136 2.7 27
- 276 CO<sub>2</sub> + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates. *Journal of Supercritical Fluids*, **2018**, 132, 71-75 4.2 15
- 275 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 4 3
- 274 Synthesis of Metallomacrocyclic and Coordination Polymers with Pyridine-Based Amidocarboxylate Ligands and Their Catalytic Activities towards the Henry and Knoevenagel Reactions. *ChemistryOpen*, **2018**, 7, 865-877 2.3 10
- 273 Ligand Design for N, O- or N, N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. *Inorganic Chemistry*, **2018**, 57, 14123-14133 5.1 36
- 272 Peroxidative Oxidation of Alkanes and Alcohols under Mild Conditions by Di- and Tetranuclear Copper (II) Complexes of Bis (2-Hydroxybenzylidene) Isophthalohydrazide. *Molecules*, **2018**, 23, 4.8 15

271	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> , <b>2018</b> , 42, 17513-17523	3.6	6
270	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> , <b>2018</b> , 37, 2961-2979	3.8	6
269	Copper complexes bearing C-scorpionate ligands: Synthesis, characterization and catalytic activity for azide-alkyne cycloaddition in aqueous medium. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 483, 371-378	2.7	16
268	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> , <b>2018</b> , 47, 7290-7299	4.3	28
267	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> , <b>2018</b> , 13, 2868-2880	4.5	15
266	Sulfonated Schiff base dimeric and polymeric copper(II) complexes: Temperature dependent synthesis, crystal structure and catalytic alcohol oxidation studies. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 549-556	2.7	21
265	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> , <b>2017</b> , 455, 627-637	2.7	6
264	Expanding the family of substituted-at-core nickel(II) phthalocyanines. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 696-700	2.7	2
263	Copper(II) complexes with carboxylic- or sulfonic-functionalized arylhydrazones of acetoacetanilide and their application in cyanosilylation of aldehydes. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 834, 22-27	2.3	41
262	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> , <b>2017</b> , 41, 4076-4086	3.6	33
261	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> , <b>2017</b> , 133, 33-39	2.7	10
260	Chalcogen bonding in synthesis, catalysis and design of materials. <i>Dalton Transactions</i> , <b>2017</b> , 46, 10121-10138	4.3	247
259	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. <i>Dalton Transactions</i> , <b>2017</b> , 46, 8649-8657	4.3	47
258	Unfolding biological properties of a versatile dicopper(II) precursor and its two mononuclear copper(II) derivatives. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 174, 25-36	4.2	7
257	Addition of N-nucleophiles to gold(III)-bound isocyanides leading to short-lived gold(III) acyclic diaminecarbene complexes. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3246-3250	3.6	19
256	Arylhydrazone Cd(II) and Cu(II) complexes as catalysts for secondary alcohol oxidation. <i>Polyhedron</i> , <b>2017</b> , 129, 182-188	2.7	13
255	Microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol with monomeric keto and polymeric enol arylhydrazone Cu(II) complexes. <i>Molecular Catalysis</i> , <b>2017</b> , 439, 224-232	3.3	27
254	Cyanosilylation of aldehydes catalyzed by arylhydrazone di- and triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 848, 118-121	2.3	5

253	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> , <b>2017</b> , 46, 13364-13375	4.3	13
252	Influencing the outcome: Diorganotin(IV) ladder to macrocycle conversion through solvent selection. <i>Inorganic Chemistry Communication</i> , <b>2017</b> , 84, 68-71	3.1	3
251	Mixed ligand arylhydrazone and N-donor heterocyclic Lewis base Cu(II) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 175, 267-275	4.2	21
250	Copper(I) and copper(II) metallacycles as catalysts for microwave assisted selective oxidation of cyclohexane. <i>Polyhedron</i> , <b>2017</b> , 134, 143-152	2.7	15
249	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> , <b>2017</b> , 466, 632-637	2.7	7
248	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> , <b>2017</b> , 166, 34-48	4.2	16
247	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 345, 54-72	23.2	181
246	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. <i>Journal of Molecular Catalysis A</i> , <b>2017</b> , 426, 506-515		34
245	Molecular switching through cooperative ionic interactions and charge assisted hydrogen bonding. <i>Dyes and Pigments</i> , <b>2017</b> , 138, 107-111	4.6	10
244	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> , <b>2016</b> , 6, 83412-83420	3.7	5
243	ZnII and CdII MOFs based on an amidoisophthalic acid ligand: synthesis, structure and catalytic application in transesterification. <i>RSC Advances</i> , <b>2016</b> , 6, 89007-89018	3.7	17
242	New copper(II) tetramer with arylhydrazone of barbituric acid and its catalytic activity in the oxidation of cyclic C5-8 alkanes. <i>Polyhedron</i> , <b>2016</b> , 117, 666-671	2.7	11
241	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> , <b>2016</b> , 45, 12779-89	4.3	27
240	N-HO and N-HCl supported 1D chains of heterobimetallic Cu/Ni-Sn cocrystals. <i>Dalton Transactions</i> , <b>2016</b> , 45, 17929-17938	4.3	13
239	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> , <b>2016</b> , 2016, 5557-5567	2.3	21
238	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> , <b>2016</b> , 45, 19277-19289	4.3	10
237	Biomolecular interaction, catecholase like activity and alkane oxidation in ionic liquids of a phenylcarbohydrazone-based monocopper(II) complex. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 450, 426-436	2.7	25
236	Silver(I) 1,3,5-Triaza-7-phosphadadamantane Coordination Polymers Driven by Substituted Glutarate and Malonate Building Blocks: Self-Assembly Synthesis, Structural Features, and Antimicrobial Properties. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 5886-94	5.1	86

235	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> , <b>2016</b> , 6, 54263-54269	3.7	20
234	Sulfonated Schiff base Sn(IV) complexes as potential anticancer agents. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 162, 83-95	4.2	31
233	Bioactive Silver-Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 1486-96	5.1	81
232	Cyclic carbonate synthesis from CO <sub>2</sub> and epoxides using zinc(II) complexes of arylhydrazones of $\beta$ -diketones. <i>Journal of Catalysis</i> , <b>2016</b> , 335, 135-140	7.3	44
231	Nanoporous lanthanide metal-organic frameworks as efficient heterogeneous catalysts for the Henry reaction. <i>CrystEngComm</i> , <b>2016</b> , 18, 1337-1349	3.3	37
230	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> , <b>2016</b> , 6, 8079-8088	3.7	42
229	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> , <b>2016</b> , 40, 528-537	3.6	21
228	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> , <b>2016</b> , 40, 1535-1546	3.6	56
227	Synthesis, characterization, thermal properties and antiproliferative potential of copper(II) 4Pphenyl-terpyridine compounds. <i>Dalton Transactions</i> , <b>2016</b> , 45, 5339-55	4.3	41
226	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> , <b>2016</b> , 16, 1837-1849	3.5	78
225	In vitro and in vivo biological characterization of the anti-proliferative potential of a cyclic trinuclear organotin(IV) complex. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 1015-23		14
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113	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> , <b>2010</b> , 46, 2766-8	5.8	72
112	Design of Silver(I)BTA Coordination Polymers through Controlled N,P-Coordination of 1,3,5-Triaza-7-phosphaadamantane (PTA) with Arylcarboxylates. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 5244-5253	3.5	28
111	Self-assembled dicopper(II) diethanolamine cores for mild aerobic and peroxidative oxidation of alcohols. <i>Dalton Transactions</i> , <b>2010</b> , 39, 9879-88	4.3	63
110	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> , <b>2010</b> , 49, 6390-2	5.1	68

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101	Syntheses and Crystal Structures of the First Zinc Complex with 1,3,5-Triaza-7-phosphaadamantane (PTA), [ZnCl <sub>2</sub> (PTA) <sub>2</sub> ], and of the Hybrid Organic-Inorganic Salts of N-Methyl-1,3,5-triaza-7-phosphaadamantane with Tetrahalozinc [PTAMe] <sub>2</sub> [ZnI <sub>2</sub> X <sub>2</sub> ] (X = I, Cl). <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1181-1186	2.3	13
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