

# Fabio Marchetti

## 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.

423  
papers

8,665  
citations

43  
h-index

61  
g-index

441  
ext. papers

9,485  
ext. citations

3.9  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
423	Synthesis and structural characterisation of some 1:1:2 complexes of silver(I) compounds with triphenylpnictides and $\beta$ thylenediamine $[\text{Ph}_3\text{E}(\text{N-en})\text{Ag}(\text{N-en-N}')_2\text{Ag}(\text{N-en})(\text{EPh}_3)]_2^+(\text{X})_2$ . <i>Inorganica Chimica Acta</i> , <b>2022</b> , 534, 120825	2.7	
422	Synthesis and structural characterization of some 1:1 and 1:2 adducts of silver(I) salts with hindered Pmes3, PPhmes2 and PPh2mes bases (Ph = phenyl, mes = 2,4,6-trimethylphenyl). <i>Inorganica Chimica Acta</i> , <b>2022</b> , 535, 120857	2.7	
421	Cyanide-alkene competition in a diiron complex and isolation of a multisite (cyano)alkylidene-alkene species.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	3
420	Towards bright dysprosium emitters: Single and combined effects of environmental symmetry, deuteration, and gadolinium dilution. <i>Dyes and Pigments</i> , <b>2022</b> , 199, 110078	4.6	2
419	Tethering Carbohydrates to the Vinyliminium Ligand of Antiproliferative Organometallic Diiron Complexes.. <i>Organometallics</i> , <b>2022</b> , 41, 514-526	3.8	2
418	A comparative structural and spectroscopic study of diiron and diruthenium isocyanide and aminocarbyne complexes. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 536, 120886	2.7	1
417	Synthesis and structural characterisation of four 1:1:2 ionic/mononuclear complexes of Ag(I) and Cu(I) salts with tertiary organophosphine and 1,2-diamines. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 536, 120882	2.7	0
416	Synthesis and structural characterization of some 1:1 adducts of silver(I) salts with (hindered) PR3 bases (R = phenyl, o-tolyl, cyclohexyl). <i>Inorganica Chimica Acta</i> , <b>2022</b> , 536, 120895	2.7	
415	Screening the biological properties of transition metal carbamates reveals gold(I) and silver(I) complexes as potent cytotoxic and antimicrobial agents. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 227, 111667	4.2	1
414	A Comprehensive Analysis of the Metal-Nitrile Bonding in an Organo-Diiron System. <i>Molecules</i> , <b>2021</b> , 26,	4.8	5
413	Role of the (pseudo)halido ligand in ruthenium(II) -cymene $\pi$ amino acid complexes in speciation, protein reactivity and cytotoxicity. <i>Dalton Transactions</i> , <b>2021</b> , 50, 15760-15777	4.3	2
412	Serendipitous Formation of a Zwitterionic Imidazolium Molecule from $\beta$ Diimine with Glyoxal as Unusual Cyclization Agent. <i>ChemistrySelect</i> , <b>2021</b> , 6, 10051-10053	1.8	0
411	New Platinum(II) Complexes Affecting Different Biomolecular Targets in Resistant Ovarian Carcinoma Cells. <i>ChemMedChem</i> , <b>2021</b> , 16, 1956-1966	3.7	6
410	Ruthenium(II) 1,4,7-trithiacyclononane complexes of curcumin and bisdemethoxycurcumin: Synthesis, characterization, and biological activity. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 218, 111387	4.2	1
409	The Cytotoxic Activity of Diiron Bis-Cyclopentadienyl Complexes with Bridging C3-Ligands. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4351	2.6	1
408	Trapping carbamates of $\beta$ Amino acids: One-Pot and catalyst-free synthesis of 5-Aryl-2-Oxazolidinonyl derivatives. <i>Journal of CO2 Utilization</i> , <b>2021</b> , 47, 101495	7.6	2
407	Hetero-Bis-Conjugation of Bioactive Molecules to Half-Sandwich Ruthenium(II) and Iridium(III) Complexes Provides Synergic Effects in Cancer Cell Cytotoxicity. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 9529-9541	5.1	5

406	Easily Available, Amphiphilic Diiron Cyclopentadienyl Complexes Exhibit in Vitro Anticancer Activity in 2D and 3D Human Cancer Cells through Redox Modulation Triggered by CO Release. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10169-10185	4.8	13
405	Evaluation of anticancer role of a novel ruthenium(II)-based compound compared with NAMI-A and cisplatin in impairing mitochondrial functionality and promoting oxidative stress in triple negative breast cancer models. <i>Mitochondrion</i> , <b>2021</b> , 56, 25-34	4.9	4
404	Synthesis and structural characterisation of some mononuclear 1:1:1 complexes of coinage metal(I) compounds with tertiary phosphines (arsines) and 1,2-diamines, [MX(EPh <sub>3</sub> )(N,N'-1,2-diamine)]. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 517, 120185	2.7	3
403	Synthesis of $\beta$ -kylidene cyclic carbonates via CO <sub>2</sub> fixation under ambient conditions promoted by an easily available silver carbamate. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4340-4346	3.6	3
402	Non-precious metal carbamates as catalysts for the aziridine/CO coupling reaction under mild conditions. <i>Dalton Transactions</i> , <b>2021</b> , 50, 5351-5359	4.3	6
401	Modulating the water oxidation catalytic activity of iridium complexes by functionalizing the Cp*-ancillary ligand: hints on the nature of the active species. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 2885-2895	5.5	2
400	Total- and semi-bare noble metal nanoparticles@silica core@shell catalysts for hydrogen generation by formic acid decomposition. <i>Emergent Materials</i> , <b>2021</b> , 4, 483-491	3.5	3
399	Ruthenium arene complexes in the treatment of 3D models of head and neck squamous cell carcinomas. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 212, 113143	6.8	5
398	Unsymmetrical Dinuclear Rull Complexes with Bridging Polydentate Nitrogen Ligands as Potential Water Oxidation Catalysts. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 861-869	2.3	0
397	Anticancer Diiron Vinyliminium Complexes: A Structure-Activity Relationship Study. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	9
396	Anticancer and antibacterial potential of robust Ruthenium(II) arene complexes regulated by choice of diimine and halide ligands. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 344, 109522	5	7
395	Lanthanide azolecarboxylate compounds: Structure, luminescent properties and applications. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 445, 214084	23.2	19
394	Titania-decorated hybrid nano-architectures and their preliminary assessment in catalytic applications. <i>Nano Structures Nano Objects</i> , <b>2021</b> , 28, 100788	5.6	
393	Antimicrobial MOFs. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 446, 214121	23.2	23
392	Aminocarbonyl ligands in organometallic chemistry. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 449, 214203	23.2	6
391	Arene-ruthenium(II) complexes with pyrazole-based ligands bearing a pyridine moiety: Synthesis, structure, DFT calculations, and cytotoxicity. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 528, 120610	2.7	3
390	Diethylammonium iodide as catalyst for the metal-free synthesis of 5-aryl-2-oxazolidinones from aziridines and carbon dioxide. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 4152-4161	3.9	4
389	Preparation and Characterization of Silver(I) Ethylcellulose Thin Films as Potential Food Packaging Materials. <i>ChemPlusChem</i> , <b>2020</b> , 85, 426-440	2.8	3

388	Ionic liquids vs conventional solvents: A comparative study in the selective catalytic oxidations promoted by oxovanadium(IV) complexes. <i>Applied Catalysis A: General</i> , <b>2020</b> , 599, 117622	5.1	8
387	A ruthenium(II)-curcumin compound modulates NRF2 expression balancing the cancer cell death/survival outcome according to p53 status. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2020</b> , 39, 122	12.8	7
386	Exploring the Anticancer Potential of Diiron Bis-cyclopentadienyl Complexes with Bridging Hydrocarbyl Ligands: Behavior in Aqueous Media and In Vitro Cytotoxicity. <i>Organometallics</i> , <b>2020</b> , 39, 645-657	3.8	22
385	Ru(II) water oxidation catalysts with 2,3-bis(2-pyridyl)pyrazine and tris(pyrazolyl)methane ligands: assembly of photo-active and catalytically active subunits in a dinuclear structure. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3341-3352	4.3	2
384	Tethering (Arene)Ru(II) Acylpyrazolones Decorated with Long Aliphatic Chains to Polystyrene Surfaces Provides Potent Antibacterial Plastics. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
383	Structural hybridization of bimetallic zeolitic imidazolate framework (ZIF) nanosheets and carbon nanofibers for efficiently sensing $\beta$ -synuclein oligomers. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127821	8.5	80
382	Investigation on the interconversion from DMF-solvated to unsolvated copper(II) pyrazolate coordination polymers. <i>CrystEngComm</i> , <b>2020</b> , 22, 3294-3308	3.3	5
381	Fifteen Years of Scientific Investigation into Main Groups and Transition Metal Coordination Chemistry with Allan White. <i>Australian Journal of Chemistry</i> , <b>2020</b> , 73, 399	1.2	1
380	Exploring the Molecular Mechanisms Underlying the in vitro Anticancer Effects of Multitarget-Directed Hydrazone Ruthenium(II)-Arene Complexes. <i>ChemMedChem</i> , <b>2020</b> , 15, 105-113	3.7	10
379	Conjugating Biotin to Ruthenium(II) Arene Units via Phosphine Ligand Functionalization. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 1061-1072	2.3	5
378	Zinc(II) Complexes of Acylpyrazolones Decorated with a Cyclohexyl Group Display Antiproliferative Activity Against Human Breast Cancer Cells. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 1027-1039	10.3	5
377	Diiron Complexes with a Bridging Functionalized Allylidene Ligand: Synthesis, Structural Aspects, and Cytotoxicity. <i>Organometallics</i> , <b>2020</b> , 39, 361-373	3.8	12
376	Synthesis, phosphorescence and luminescence properties of novel europium and gadolinium tris-acylpyrazolonate complexes. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119279	2.7	5
375	Piano Stool Aminoalkylidene-Ferracyclopentenone Complexes from Bimetallic Precursors: Synthesis and Cytotoxicity Data. <i>ChemPlusChem</i> , <b>2020</b> , 85, 110-122	2.8	7
374	Semiconducting CuNi(hexahydroxytriphenylene) framework for electrochemical aptasensing of C6 glioma cells and epidermal growth factor receptor. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 9951-9960	7.3	10
373	Tetrasubstituted Selenophenes from the Stepwise Assembly of Molecular Fragments on a Diiron Frame and Final Cleavage of a Bridging Alkylidene. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17497-17508	5.1	6
372	Bis-conjugation of Bioactive Molecules to Cisplatin-like Complexes through (2,2'-Bipyridine)-4,4'-Dicarboxylic Acid with Optimal Cytotoxicity Profile Provided by the Combination Ethacrynic Acid/Flurbiprofen. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 17525-17535	4.8	5
371	Potassium-Doped Para-Terphenyl: Structure, Electrical Transport Properties and Possible Signatures of a Superconducting Transition. <i>Condensed Matter</i> , <b>2020</b> , 5, 78	1.8	3

370	Construction of a Functionalized Selenophene-Allylidene Ligand via Alkyne Double Action at a Diiron Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 3268-3276	2.3	4
369	Synthesis, crystal structure and photophysical properties of mixed-ligand lanthanide complexes with 1,3-diketones bearing pyrazole moieties and 1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 513, 119922	2.7	8
368	Antiproliferative and bactericidal activity of diiron and monoiron cyclopentadienyl carbonyl complexes comprising a vinyl-aminoalkylidene unit. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5923	3.1	10
367	Recent Advances in the Chemistry of Metal Carbamates. <i>Molecules</i> , <b>2020</b> , 25,	4.8	15
366	Surveying Italian and International Baccalaureate Teachers to Compare Their Opinions on System Concept and Interdisciplinary Approaches in Chemistry Education. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 3575-3587	2.4	2
365	Bypassing the Inertness of Aziridine/CO Systems to Access 5-Aryl-2-Oxazolidinones: Catalyst-Free Synthesis Under Ambient Conditions. <i>ChemSusChem</i> , <b>2020</b> , 13, 5586-5594	8.3	6
364	Coordination chemistry of pyrazolone-based ligands and applications of their metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 401, 213069	23.2	45
363	Straightforward formation of carbocations from tertiary carboxylic acids via CO release at room temperature. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1574-1577	4.3	1
362	Carboxylation of terminal alkynes promoted by silver carbamate at ambient pressure. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10821-10825	3.6	9
361	Decarbonylation of phenylacetic acids by high valent transition metal halides. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5725-5734	4.3	1
360	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
359	Novel osmium(II) $\eta^5$ -methylcyclopentadienyl complexes containing curcumin and bisdemethoxycurcumin ligands. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 2448-2457	6.8	11
358	Heterotrimetallic complexes of iron and ruthenium based on vinyliminium dithiocarboxylate ligands. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 886, 9-12	2.3	4
357	Solvent-Dependent Hemilability of (2-Diphenylphosphino)Phenol in a Ru(II) para-Cymene System. <i>Organometallics</i> , <b>2018</b> , 37, 1381-1391	3.8	7
356	Activation of CN bonds by high-valent group 6 metal chlorides, including the conversion of an $\eta^5$ -diimine into a functionalized imidazolium. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8503-8511	3.6	4
355	Synthesis and Structural Characterization of Non-Homoleptic Carbamate Complexes of VV and WVI and Their Facile Implantation onto Silica Surfaces. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1176-1184	2.3	3
354	Structural Characterization of a Fluorido-Amide of Niobium, and Facile CO <sub>2</sub> Incorporation Affording a Fluorido-Carbamate. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 999-1006	2.3	3
353	Regioselective Nucleophilic Additions to Diiron Carbonyl Complexes Containing a Bridging Aminocarbyne Ligand: A Synthetic, Crystallographic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 959-959	2.3	

352	Stable coordination complexes of $\mu$ -diimines with Nb(v) and Ta(v) halides. <i>Dalton Transactions</i> , <b>2018</b> , 47, 3346-3355	4.3	12
351	Modifying bis(triflimide) ionic liquids by dissolving early transition metal carbamates. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 5057-5066	3.6	9
350	Synthesis, characterization and cytotoxicity of arene-ruthenium(II) complexes with acylpyrazolones functionalized with aromatic groups in the acyl moiety. <i>Dalton Transactions</i> , <b>2018</b> , 47, 868-878	4.3	22
349	Regioselective Nucleophilic Additions to Diiron Carbonyl Complexes Containing a Bridging Aminocarbonyne Ligand: A Synthetic, Crystallographic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 960-971	2.3	28
348	Amination of Bridging Vinyliminium Ligands in Diiron Complexes: C-N Bond Forming Reactions for Amidine-Alkylidene Species. <i>Organometallics</i> , <b>2018</b> , 37, 107-115	3.8	13
347	Dioxomolybdenum(VI) compounds with $\beta$ -amino acid donor ligands as catalytic precursors for the selective oxyfunctionalization of olefins. <i>Molecular Catalysis</i> , <b>2018</b> , 446, 39-48	3.3	5
346	Constructing Organometallic Architectures from Aminoalkylidyne Diiron Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3987-4003	2.3	29
345	Synthesis of new coordination complexes of MF <sub>5</sub> (M = Nb, Ta), and insights into the Ta(V) reduction. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 498-502	2.7	2
344	Effects of methyl groups in a pyrimidine-based flexible ligand on the formation of silver(I) coordination networks. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13998-14008	3.6	2
343	Iron(III) N,N-Dialkylcarbamate-Catalyzed Formation of Cyclic Carbonates from CO and Epoxides under Ambient Conditions by Dynamic CO Trapping as Carbamate Ligands. <i>ChemSusChem</i> , <b>2018</b> , 11, 2737-2743 <sup>26</sup>	8.3	26
342	Composite Materials Based on (Cymene)Ru(II) Curcumin Additives Loaded on Porous Carbon Adsorbents from Agricultural Residues Display Efficient Antibacterial Activity. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 153-159	4.1	4
341	Half-Sandwich Metal Complexes with $\beta$ -diketone-Like Ligands and Their Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3521-3536	2.3	22
340	Synthesis and spectroscopic/DFT structural characterization of coordination compounds of Nb(V) and Ti(IV) with bioactive carboxylic acids. <i>Polyhedron</i> , <b>2018</b> , 141, 208-214	2.7	2
339	$\mu$ -Diimine homologues of cisplatin: synthesis, speciation in DMSO/water and cytotoxicity. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17453-17463	3.6	7
338	Ubiquity of cis-Halide $\pi$ -isocyanide Direct Interligand Interaction in Organometallic Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14554-14563	5.1	5
337	Controlled Dissociation of Iron and Cyclopentadienyl from a Diiron Complex with a Bridging C Ligand Triggered by One-Electron Reduction. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 15172-15186	5.1	17
336	Metal N,N-dialkylcarbamates as easily available catalytic precursors for the carbon dioxide/propylene oxide coupling under ambient conditions. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2018</b> , 28, 168-173 <sup>6</sup>	7.6	13
335	DFT Mechanistic Insights into the Alkyne Insertion Reaction Affording Diiron $\beta$ -Vinyliminium Complexes and New Functionalization Pathways. <i>Organometallics</i> , <b>2018</b> , 37, 3718-3731	3.8	20

334	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> , <b>2018</b> , 57, 14123-14133	5.1	36
333	Ruthenium p-cymene complexes with $\beta$ -diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to $\beta$ -valerolactone. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 17574-17586	3.6	17
332	Synthesis, characterization and behavior in water/DMSO solution of Ru(II) arene complexes with bioactive carboxylates. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 869, 201-211	2.3	14
331	$\beta$ -Diimines as Versatile, Derivatizable Ligands in Ruthenium(II) p-Cymene Anticancer Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6669-6685	5.1	35
330	Versatile coordination of acetazolamide to ruthenium(ii) p-cymene complexes and preliminary cytotoxicity studies. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9367-9384	4.3	17
329	Influence of Functionalized $\beta$ -Arene Rings on Ruthenium(II) Curcuminoids Complexes. <i>ChemistrySelect</i> , <b>2018</b> , 3, 6696-6700	1.8	5
328	Ruthenium Arene Complexes with $\beta$ -Aminoacido Ligands: New Insights into Transfer Hydrogenation Reactions and Cytotoxic Behaviour. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3041-3057	2.3	16
327	Ruthenium(II)-arene complexes with dibenzoylmethane induce apoptotic cell death in multiple myeloma cell lines. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 454, 139-148	2.7	22
326	Synthesis and characterization of a new alkyne functionalized bis(pyrazolyl)methane ligand and of its Pd(II) complexes: Evaluation of their in vitro cytotoxic activity. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 677-682	2.7	4
325	Synthesis and study of the stability of amidinium/guanidinium carbamates of amines and $\beta$ -amino acids. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 1798-1805	3.6	11
324	Application of metal $\beta$ -organic frameworks. <i>Polymer International</i> , <b>2017</b> , 66, 731-744	3.3	116
323	Synthesis and structural characterization of mixed halide $\beta$ -N-diethylcarbamates of group 4 metals, including a case of unusual tetrahydrofuran activation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 1781-1789	3.6	10
322	The reactions of $\beta$ -amino acids and $\beta$ -amino acid esters with high valent transition metal halides: synthesis of coordination complexes, activation processes and stabilization of $\beta$ -ammonium acylchloride cations. <i>RSC Advances</i> , <b>2017</b> , 7, 10158-10174	3.7	8
321	Unusual activation pathways of amines in the reactions with molybdenum pentachloride. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4329-4340	3.6	3
320	Dicationic Ruthenium(II) Arene Curcumin Complexes Containing Methylated 1,3,5-Triaza-7-phosphaadamantane: Synthesis, Structure, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 2905-2910	2.3	20
319	A general strategy to add diversity to ruthenium arene complexes with bioactive organic compounds via a coordinated (4-hydroxyphenyl)diphenylphosphine ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12001-12004	4.3	26
318	Heteroleptic Copper(I) Complexes of "Scorpionate" Bis-pyrazolyl Carboxylate Ligand with Auxiliary Phosphine as Potential Anticancer Agents: An Insight into Cytotoxic Mode. <i>Scientific Reports</i> , <b>2017</b> , 7, 45229	4.9	33
317	NMR Spectroscopy, Heteronuclei, As, Sb, Bi <b>2017</b> , 313-317		

316	Ruthenium arene complexes with triphenylphosphane ligands: cytotoxicity towards pancreatic cancer cells, interaction with model proteins, and effect of ethacrynic acid substitution. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14574-14588	3.6	32
315	Vanadium(v) oxoanions in basic water solution: a simple oxidative system for the one pot selective conversion of l-proline to pyrroline-2-carboxylate. <i>Dalton Transactions</i> , <b>2017</b> , 46, 15059-15069	4.3	5
314	Cytotoxic Half-Sandwich Rh(III) and Ir(III) $\eta^5$ -Diketonates. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13600-13612	5.1	28
313	Back-Donation in High-Valent d Metal Complexes: Does It Exist? The Case of Nb. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11266-11274	5.1	20
312	Allowing the direct interaction of N-aryl $\eta^5$ -Diimines with a high valent metal chloride: one-pot WCl <sub>6</sub> -promoted formation of quinoxalinium salts. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12780-12784	4.3	7
311	One pot conversion of acetyl chloride to dehydroacetic acid and its coordination in a ruthenium(II) arene complex. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 848, 214-221	2.3	6
310	Tuning the cytotoxicity of ruthenium(ii) para-cymene complexes by mono-substitution at a triphenylphosphine/phenoxydiphenylphosphine ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16589-16604	4.3	34
309	AreneRuthenium(II) Complexes with Bioactive ortho-Hydroxydibenzoylmethane Ligands: Synthesis, Structure, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 1800-1806	2.3	21
308	Oxidoperoxidomolybdenum(vi) complexes with acylpyrazolonate ligands: synthesis, structure and catalytic properties. <i>Dalton Transactions</i> , <b>2017</b> , 47, 197-208	4.3	11
307	One pot conversion of benzophenone imine into the relevant 2-aza-allenium. <i>Chemical Communications</i> , <b>2016</b> , 53, 364-367	5.8	7
306	One-Pot Intermolecular C $\beta$ Self-Coupling of Dimethyl Sulfoxide Promoted by Molybdenum Pentachloride. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3838-3845	2.3	6
305	The reactivity of tungsten hexachloride with tetrahydrofuran and 2-methoxyethanol. <i>Polyhedron</i> , <b>2016</b> , 117, 769-776	2.7	9
304	The chemistry of high valent tungsten chlorides with N-substituted ureas, including urea self-protonation reactions triggered by WCl <sub>6</sub> . <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 8271-8281	3.6	7
303	A crystallographic and DFT study on a NHC complex of niobium oxide trifluoride. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 2766-2774	1.6	10
302	Synthesis, Structure, and Anticancer Activity of Arene-Ruthenium(II) Complexes with Acylpyrazolones Bearing Aliphatic Groups in the Acyl Moiety. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11770-11781	5.1	56
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300	Preparation of Polyethylene Composites Containing Silver(I) Acylpyrazolonato Additives and SAR Investigation of their Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29676-29687	7.5	18
299	The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 162, 44-51	4.2	40



298	Electron exchange reactions between tungsten hexachloride and nitrogen donors. <i>Polyhedron</i> , <b>2016</b> , 115, 30-36	2.7	3
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296	Coordination complexes of niobium and tantalum pentahalides with a bulky NHC ligand. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6939-48	4.3	23
295	Arene Osmium Complexes with Ethacrynic Acid-Modified Ligands: Synthesis, Characterization, and Evaluation of Intracellular Glutathione S-Transferase Inhibition and Antiproliferative Activity. <i>Organometallics</i> , <b>2016</b> , 35, 1046-1056	3.8	21
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293	Self-assembly of arene ruthenium acylpyrazolone fragments to tetranuclear metallacycles. Molecular structures and solid-state ( <sup>15</sup> N) CPMAS NMR correlations. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3974-3982	4.2	6
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288	Coordination Compounds of Niobium(IV) Oxide Dihalides Including the Synthesis and the Crystallographic Characterization of NHC Complexes. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4173-82	5.1	15
287	The water soluble ruthenium(II) organometallic compound [Ru( <i>p</i> -cymene)(bis(3,5-dimethylpyrazol-1-yl)methane)Cl]Cl suppresses triple negative breast cancer growth by inhibiting tumor infiltration of regulatory T cells. <i>Pharmacological Research</i> , <b>2016</b> , 107, 282-290	10.2	43
286	A ruthenium derivative of quercetin with enhanced cholesterol-lowering activity. <i>RSC Advances</i> , <b>2016</b> , 6, 39636-39641	3.7	9
285	The reactivity of niobium and tantalum pentahalides with imines. <i>Polyhedron</i> , <b>2016</b> , 115, 99-104	2.7	8
284	Linkage Isomerism in Silver Acylpyrazolonato Complexes and Correlation with Their Antibacterial Activity. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 5453-66	5.1	27
283	Synthesis of a highly reactive form of WOCl, its conversion into nanocrystalline mono-hydrated WO and coordination compounds with tetramethylurea. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15342-15349	4.3	6
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279	Cu <sup>I</sup> Coupling of Isocyanide Ligands Promoted by Acetylide Addition to Diiron Aminocarbonyl Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 3658-3664	3.8	13
278	The chlorinating behaviour of WCl <sub>6</sub> towards $\alpha$ -amino acids. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8729-38	4.3	13
277	Synthesis of novel lanthanide acylpyrazolonato ligands with long aliphatic chains and immobilization of the Tb complex on the surface of silica pre-modified via hydrophobic interactions. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14887-95	4.3	10
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275	Carbon monoxide-isocyanide coupling promoted by acetylide addition to a diiron complex. <i>Chemical Communications</i> , <b>2015</b> , 51, 8101-4	5.8	16
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273	MoCl <sub>5</sub> as an effective chlorinating agent towards $\alpha$ -amino acids: synthesis of $\alpha$ -ammonium-acylchloride salts and $\alpha$ -amino-acylchloride complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10030-7	4.3	7
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270	Implementing an Equilibrium Law Teaching Sequence for Secondary School Students To Learn Chemical Equilibrium. <i>Journal of Chemical Education</i> , <b>2015</b> , 92, 1008-1015	2.4	9
269	Arylhydrazones of barbituric acid: synthesis, coordination ability and catalytic activity of their Cu <sup>I</sup> , Cu <sup>II</sup> /III and Cu <sup>I</sup> complexes toward peroxidative oxidation of alkanes. <i>RSC Advances</i> , <b>2015</b> , 5, 84142-84152	3.7	17
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267	The versatile chemistry of niobium pentachloride with aliphatic amines: Aminolysis, metal reduction and C-H activation. <i>Polyhedron</i> , <b>2015</b> , 100, 192-198	2.7	12
266	Structural characterization of $\alpha$ -amino acid complexes of molybdates: a spectroscopic and DFT study. <i>RSC Advances</i> , <b>2015</b> , 5, 9010-9018	3.7	8
265	Mn <sup>II</sup> and Cu <sup>I</sup> 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> , <b>2015</b> , 5, 25979-25987	3.7	24
264	Organometallic rhodium(III) and iridium(III) cyclopentadienyl complexes with curcumin and bisdemethoxycurcumin co-ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 20523-31	4.3	46
263	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 <sub>4</sub> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 434-40	5.1	41

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260	Recent advances in acylpyrazolone metal complexes and their potential applications. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 303, 1-31	23.2	75
259	Different outcomes in the reactions of WCl <sub>6</sub> with carboxylic acids. <i>Polyhedron</i> , <b>2015</b> , 99, 141-146	2.7	10
258	A crystallographically characterized salt of self-generated N-protonated tetraethylurea. <i>Chemical Communications</i> , <b>2015</b> , 51, 1323-5	5.8	14
257	Novel composite plastics containing silver(I) acylpyrazolonato additives display potent antimicrobial activity by contact. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 836-50	4.8	31
256	Revisitation of the PCl <sub>5</sub> -chlorination reaction of amino acids: Spectroscopic and DFT insights, and synthesis of the L-proline-derived 2,5-diketopiperazine. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 427, 150-154	2.7	7
255	Tribenzylamine C-H activation and intermolecular hydrogen transfer promoted by WCl <sub>6</sub> . <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3832-8	5.1	15
254	Reactions of TaF <sub>5</sub> with activated arenes. Synthesis of [4-(OH)-3-(OCH <sub>3</sub> )C <sub>6</sub> H <sub>3</sub> CH(OH)][4-(OH)-3-(OCH <sub>3</sub> )C <sub>6</sub> H <sub>3</sub> CHO][TaF <sub>6</sub> ], a rare example of protonated aldehyde. <i>Polyhedron</i> , <b>2014</b> , 70, 6-10	2.7	5
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247	The interaction of molybdenum pentachloride with O- and S-heterocycles. <i>Dalton Transactions</i> , <b>2014</b> , 43, 495-504	4.3	24
246	Synthesis of di- and tetranuclear oxido-molybdenum(V) complexes containing p-toluenesulfonates as ligands: a joint spectroscopic, crystallographic and computational study. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10157-63	4.3	5
245	A structurally-characterized NbCl <sub>5</sub> -NHC adduct. <i>Chemical Communications</i> , <b>2014</b> , 50, 4472-4	5.8	23

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242	Synthesis, characterization, and antitumor activity of water-soluble (arene)ruthenium(II) derivatives of 1,3-dimethyl-4-acylpyrazolon-5-ato ligands. First example of Ru(arene)(ligand) antitumor species involving simultaneous Ru-N7(guanine) bonding and ligand intercalation to DNA. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3668-77	5.1	40
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240	Evaluation of (arene)Ru(II) complexes of curcumin as inhibitors of $\alpha$ Dipeptidyl peptidase IV. <i>Biochimie</i> , <b>2014</b> , 99, 146-52	4.6	27
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192	Pro-porous coordination polymers of the 1,4-bis((3,5-dimethyl-1H-pyrazol-4-yl)-methyl)benzene ligand with late transition metals. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11506-13	5.1	28
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186	The reactivity of NbX <sub>5</sub> (X=F, Cl) with lactons, lactams, and the synthesis of the first nucleobase-containing niobium complex. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 376, 123-128	2.7	13
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184	Binuclear diorganotin(IV) complexes with bis(O,O'-4-acyl-5-pyrazolonato) bis(bidentate) ligands. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 388-393	2.7	4
183	Novel triorganotin(IV) complexes of $\beta$ -diketonates bearing two heterocycles in their structures. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 367, 98-107	2.7	4
182	Easily available niobium(V) mixed chloro-alkoxide complexes as catalytic precursors for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 1664-1670	2.5	13
181	Easily accessible oxygen-containing derivatives of niobium pentachloride as catalytic precursors for ethylene polymerization. <i>Polymer International</i> , <b>2011</b> , 60, 1722-1727	3.3	10
180	C $\equiv$ N Activation in Diiron Bridging Vinyliminium Ligands: Reaction with CS <sub>2</sub> to Form New Zwitterionic Complexes Acting as Organometallic Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1260-1268	2.3	13
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