

# Marco Bortoluzzi

## List of Publications by Year in descending order

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87  
papers

1,091  
citations

535685

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87  
docs citations

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times ranked

836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, reactivity and photoluminescence of copper(I) borohydride complexes with bis[(2-diphenylphosphino)phenyl] ether as chelating ligand. <i>Journal of Organometallic Chemistry</i> , 2022, 957, 122171.	0.8	4
2	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> , 2022, 227, 111667.	1.5	20
3	Cyanide-alkene competition in a diiron complex and isolation of a multisite (cyano)alkylidene-alkene species. <i>Dalton Transactions</i> , 2022, 51, 1936-1945.	1.6	14
4	Synthesis, molecular structure and fluxional behavior of the elusive $[\text{HRu}(\text{CO})_{12}]^{\sim}$ carbonyl anion. <i>Dalton Transactions</i> , 2022, 51, 2250-2261.	1.6	7
5	Green Phosphorescent Zn(II) Halide Complexes with $\text{N}^2, \text{N}^2, \text{N}^2, \text{N}^2$ -tetramethyl- $\text{P}^2$ -indolylphosphonic Diamide as Ligand. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .		
6	$\eta^4$ -Coordinated ruthenabenzenes from three-component assembly on a diruthenium $\eta^4$ -allenyl scaffold. <i>Dalton Transactions</i> , 2022, 51, 8390-8400.	1.6	8
7	Bimetallic Fe-Ir and Trimetallic Fe-Ir-Au Carbonyl Clusters Containing Hydride and/or Phosphine Ligands: Syntheses, Structures and DFT Studies. <i>Journal of Cluster Science</i> , 2021, 32, 743-753.	1.7	2
8	Synthesis of $\eta^5$ -alkylidene cyclic carbonates via $\text{CO}_2$ fixation under ambient conditions promoted by an easily available silver carbamate. <i>New Journal of Chemistry</i> , 2021, 45, 4340-4346.	1.4	15
9	One-pot atmospheric pressure synthesis of $[\text{H}_3\text{Ru}(\text{CO})_{12}]^{\sim}$ . <i>Dalton Transactions</i> , 2021, 50, 9610-9622.	1.6	9
10	Synthesis and photoluminescence of manganese( $\text{II}$ ) naphthylphosphonic diamide complexes. <i>Dalton Transactions</i> , 2021, 50, 3132-3136.	1.6	12
11	Luminescent heteroleptic copper(I) complexes with polydentate benzotriazolyl-based ligands. <i>Transition Metal Chemistry</i> , 2021, 46, 391-402.	0.7	10
12	Seven- and eight-coordinate lanthanide(III) amidophosphate complexes: synthesis, characterization and photoluminescence. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1466-1481.	0.8	4
13	Heterometallic Ni-Pt Chini-Type Carbonyl Clusters: An Example of Molecular Random Alloy Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 8811-8825.	1.9	4
14	Photoluminescence of Homoleptic Lanthanide Complexes With Tris(benzotriazol-1-yl)borate. <i>Journal of Fluorescence</i> , 2021, 31, 1433-1443.	1.3	5
15	Tris-isocyanide copper(I) complex enabling copper azide-alkyne cycloaddition in neat conditions. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6401.	1.7	7
16	Manganese( $\text{II}$ ) bromo- and iodo-complexes with phosphoramidate and phosphonate ligands: synthesis, characterization and photoluminescence. <i>New Journal of Chemistry</i> , 2021, 45, 12871-12878.	1.4	16
17	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> , 2021, 19, 4152-4161.	1.5	12
18	Palladium(II) and platinum(II) pyrrolate-quinoline-imine chloro-complexes by metal-assisted condensation reactions. <i>Chemical Papers</i> , 2020, 74, 3673-3682.	1.0	2

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19	Luminescent lanthanide complexes with phosphoramidate and arylphosphonic diamide ligands. <i>Chemical Papers</i> , 2020, 74, 3693-3704.	1.0	10
20	Tetrahedral photoluminescent manganese(II) halide complexes with 1,3-dimethyl-2-phenyl-1,3-diazaphospholidine-2-oxide as a ligand. <i>New Journal of Chemistry</i> , 2020, 44, 571-579.	1.4	22
21	Further insights into platinum carbonyl Chini clusters. <i>Inorganica Chimica Acta</i> , 2020, 512, 119904.	1.2	8
22	Synthesis, Structural Characterization, and DFT Investigations of $[M_4Fe_4(CO)_{16}]^{3+}$ ( $M = Pt, Ir$ )	1.0	0
23	Tetrasubstituted Selenophenes from the Stepwise Assembly of Molecular Fragments on a Diiron Frame and Final Cleavage of a Bridging Alkylidene. <i>Inorganic Chemistry</i> , 2020, 59, 17497-17508.	1.9	9
24	Light harvesting indolyl-substituted phosphoramidate ligand for the enhancement of Mn(II) luminescence. <i>Dalton Transactions</i> , 2020, 49, 7525-7534.	1.6	23
25	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> , 2020, 49, 3341-3352.	1.6	7
26	A Comparative Experimental and Computational Study of Heterometallic Fe-M (M = Cu, Ag, Au) Carbonyl Clusters Containing N-Heterocyclic Carbene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2191-2202.	1.0	14
27	Luminescent Cu(I) complex with bis(indazol-1-yl)phenylmethane as chelating ligand. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107894.	1.8	8
28	Mono-, Di- and Tetra-iron Complexes with Selenium or Sulphur Functionalized Vinyliminium Ligands: Synthesis, Structural Characterization and Antiproliferative Activity. <i>Molecules</i> , 2020, 25, 1656.	1.7	20
29	Thermal Growth of Au-Fe Heterometallic Carbonyl Clusters Containing N-Heterocyclic Carbene and Phosphine Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 2228-2240.	1.9	13
30	Influence of Copper(I) Halides on the Reactivity of Aliphatic Carbodiimides. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	1
31	Synthesis, characterization and catalytic activity of novel ruthenium complexes bearing NNN click based ligands. <i>Dalton Transactions</i> , 2019, 48, 13580-13588.	1.6	15
32	Synthesis of new triazolyl-oxazoline chiral ligands and study of their coordination to Pd(II) metal centers. <i>Inorganica Chimica Acta</i> , 2019, 498, 119129.	1.2	11
33	Synthesis and Characterization of Heterobimetallic Carbonyl Clusters with Direct Au-Fe and Au-Au Interactions Supported by N-Heterocyclic Carbene and Phosphine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3084-3093.	1.0	16
34	1,3-Dimethyl-2-phenyl-1,3-diazaphospholidine-2-oxide as ligand for the preparation of luminescent lanthanide complexes. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1524-1536.	0.8	6
35	Dibromomanganese(II) complexes with hexamethylphosphoramidate and phenylphosphonic bis(diamide) ligands. <i>Journal of Coordination Chemistry</i> , 2019, 72, 309-327.	0.8	18
36	Luminescent copper(I) coordination polymer with 1-methyl-1H-benzotriazole, iodide and acetonitrile as ligands. <i>Inorganic Chemistry Communication</i> , 2019, 102, 141-146.	1.8	13

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37	Polymerization Isomerism in $[MFe(CO)_4]_n$ ( $M = Ti, Zr, Hf$ ) (M =) <i>Tj ETQq1 1 0.784314 rgB</i> Chemistry, 2019, 58, 2911-2915.	1.9	21
38	Synthesis of Bis(benzotriazol-1-yl)methane Derivatives by Cobalt-Catalyzed Formation of C-C Bonds. Proceedings (mdpi), 2019, 41, .	0.2	3
39	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> , 2018, 2018, 1176-1184.	1.0	6
40	Structural Characterization of a Fluoridoamide of Niobium, and Facile $CO_2$ Incorporation Affording a Fluorido Carbamate. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 999-1006.	1.0	4
41	Regioselective Nucleophilic Additions to Diiron Carbonyl Complexes Containing a Bridging Aminocarbonyl Ligand: A Synthetic, Crystallographic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 960-971.	1.0	36
42	Green-emitting manganese (II) complexes with phosphoramidate and phenylphosphonic diamide ligands. <i>Inorganic Chemistry Communication</i> , 2018, 92, 145-150.	1.8	38
43	Synthesis and characterization of yttrium, europium, terbium and dysprosium complexes containing a novel type of triazolyl oxazoline ligand. <i>Chemical Papers</i> , 2018, 72, 799-808.	1.0	15
44	The conjugate base of malonaldehyde as antenna-ligand towards trivalent europium and terbium ions. <i>Chemical Papers</i> , 2018, 72, 809-819.	1.0	2
45	Half-sandwich hydrazine complexes of iridium: Preparation and reactivity. <i>Inorganica Chimica Acta</i> , 2018, 470, 139-148.	1.2	10
46	$\lambda^2$ -Diimines as Versatile, Derivatizable Ligands in Ruthenium(II) <i>p</i> -Cymene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 6669-6685.	1.9	50
47	Preparation and reactivity of half-sandwich dioxygen complexes of ruthenium. <i>Dalton Transactions</i> , 2018, 47, 9173-9184.	1.6	6
48	Cascade Reactions of $\lambda^2$ -Phenylcinnamic Acid to Polycyclic Compounds Promoted by High Valent Transition Metal Halides. <i>ChemistrySelect</i> , 2018, 3, 8844-8848.	0.7	2
49	Iron(III) $N,N'$ -Dialkylcarbamate-Catalyzed Formation of Cyclic Carbonates from $CO_2$ and Epoxides under Ambient Conditions by Dynamic $CO_2$ Trapping as Carbamate Ligands. <i>ChemSusChem</i> , 2018, 11, 2737-2743.	3.6	31
50	Synthesis and structural characterization of mixed halide $N,N$ -diethylcarbamates of group 4 metals, including a case of unusual tetrahydrofuran activation. <i>New Journal of Chemistry</i> , 2017, 41, 1781-1789.	1.4	14
51	Reactions of Platinum Carbonyl Chini Clusters with $Ag(NHC)Cl$ Complexes: Formation of Acid-Base Lewis Adducts and Heteroleptic Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 6532-6544.	1.9	16
52	Synthesis of the Highly Reduced $[Fe_6C(CO)_{15}]^{4-}$ Carbonyl Carbide Cluster and Its Reactions with $H^+$ and $[Au(PPh_3)_3]^+$ . <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3135-3143.	1.0	14
53	One pot conversion of benzophenone imine into the relevant 2-aza-allenium. <i>Chemical Communications</i> , 2017, 53, 364-367.	2.2	8
54	Vanadium(IV) oxoanions in basic water solution: a simple oxidative system for the one pot selective conversion of <i>l</i> -proline to pyrroline-2-carboxylate. <i>Dalton Transactions</i> , 2017, 46, 15059-15069.	1.6	8

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55	Preparation of metalated azine complexes of iridium( $\text{Ir}^{\text{III}}$ ). <i>New Journal of Chemistry</i> , 2017, 41, 12976-12988.	1.4	8
56	Allowing the direct interaction of N-aryl $\text{Ir}^{\text{IV}}$ -diimines with a high valent metal chloride: one-pot $\text{WCl}_6$ -promoted formation of quinoxalinium salts. <i>Dalton Transactions</i> , 2017, 46, 12780-12784.	1.6	9
57	Reactivity of $[\text{WCl}_6]$ with Ethers: A Joint Computational, Spectroscopic and Crystallographic Study. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3169-3177.	1.0	12
58	Pentamethylcyclopentadienyl Half-Sandwich Diazoalkane Complexes of Ruthenium: Preparation and Reactivity. <i>Inorganic Chemistry</i> , 2016, 55, 5592-5602.	1.9	20
59	Reactivity with alkene and alkyne of pentamethylcyclopentadienyl half-sandwich diazoalkane complexes of ruthenium. <i>Journal of Organometallic Chemistry</i> , 2016, 822, 259-268.	0.8	11
60	One-Pot Intermolecular C-S Self-Coupling of Dimethyl Sulfoxide Promoted by Molybdenum Pentachloride. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3838-3845.	1.0	7
61	The reactivity of tungsten hexachloride with tetrahydrofuran and 2-methoxyethanol. <i>Polyhedron</i> , 2016, 117, 769-776.	1.0	10
62	The chemistry of high valent tungsten chlorides with N-substituted ureas, including urea self-protonation reactions triggered by $\text{WCl}_6$ . <i>New Journal of Chemistry</i> , 2016, 40, 8271-8281.	1.4	9
63	Preparation of diazoalkane complexes of iron( $\text{Fe}^{\text{II}}$ ). <i>RSC Advances</i> , 2016, 6, 97650-97658.	1.7	9
64	The conjugate base of methyl 3-oxobutanoate as an antenna ligand in visible-emitting photoluminescent lanthanide complexes. <i>RSC Advances</i> , 2016, 6, 32727-32739.	1.7	4
65	Oxidative Dimerization of Triarylaminates Promoted by $\text{WCl}_6$ , Including the Solid State Isolation and the Crystallographic Characterization of a Triphenylammonium Salt. <i>Inorganic Chemistry</i> , 2016, 55, 887-893.	1.9	15
66	Reactivity of vinylidene complexes of ruthenium with hydrazines and hydroxylamines. <i>Dalton Transactions</i> , 2015, 44, 3439-3446.	1.6	11
67	Diazoalkane complexes of ruthenium with tris(pyrazolyl)borate and bis(pyrazolyl)acetate ligands. <i>Dalton Transactions</i> , 2015, 44, 15470-15480.	1.6	16
68	The chlorinating behaviour of $\text{WCl}_6$ towards $\text{Ir}^{\text{IV}}$ -aminoacids. <i>Dalton Transactions</i> , 2015, 44, 8729-8738.	1.6	14
69	Preparation of pyranilidene complexes of ruthenium. <i>Dalton Transactions</i> , 2015, 44, 7411-7418.	1.6	4
70	$\text{MoCl}_5$ as an effective chlorinating agent towards $\text{Ir}^{\text{IV}}$ -amino acids: synthesis of $\text{Ir}^{\text{IV}}$ -ammonium-acylchloride salts and $\text{Ir}^{\text{IV}}$ -amino-acylchloride complexes. <i>Dalton Transactions</i> , 2015, 44, 10030-10037.	1.6	16
71	Yttrium and lanthanide complexes of $\text{Ir}^{\text{II}}$ -dialdehydes: synthesis, characterization, luminescence and electrochemistry of coordination compounds with the conjugate base of bromomalonaldehyde. <i>Dalton Transactions</i> , 2014, 43, 9303.	1.6	7
72	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> , 2014, 43, 10157.	1.6	6

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73	Yttrium and lanthanide complexes of $\beta^2$ -dialdehydes: synthesis, characterization and luminescence of coordination compounds with the conjugate base of nitromalonaldehyde. Dalton Transactions, 2014, 43, 10120.	1.6	6
74	Hydride Migration from a Triangular Face to a Tetrahedral Cavity in Tetranuclear Iron Carbonyl Clusters upon Coordination of $[\text{AuPPh}_3]_3$ Fragments. Angewandte Chemie - International Edition, 2014, 53, 7233-7237.	7.2	10
75	Inorganic pigments doped with tris(pyrazol-1-yl)borate lanthanide complexes: A photoluminescence study. Journal of Luminescence, 2014, 145, 963-969.	1.5	15
76	Coordination complexes of $\text{NbX}_5$ (X = F, Cl) with (N,O)- and (O,O)-donor ligands and the first X-ray characterization of a neutral $\text{NbF}_5$ adduct. Dalton Transactions, 2013, 42, 13054.	1.6	19
77	Oxido- and Sulfidoniobium(V)N,N-Diethylcarbamates: Synthesis, Characterization and DFT Study. European Journal of Inorganic Chemistry, 2013, 2013, 3112-3118.	1.0	11
78	Convenient synthesis of fluoride-alkoxides of Nb(v) and Ta(v): a spectroscopic, crystallographic and computational study. Dalton Transactions, 2012, 41, 12898.	1.6	18
79	Preparation of photoluminescent PMMA doped with tris(pyrazol-1-yl)borate lanthanide complexes. Journal of Luminescence, 2012, 132, 2378-2384.	1.5	31
80	Photoluminescence studies on europium-based scorpionate-complex. Inorganic Chemistry Communication, 2011, 14, 1762-1766.	1.8	29
81	New platinum(II) and palladium(II) quinoline-imine-pyridine, quinoline-imine-thiazole and quinoline-imine-imidazole complexes by metal-assisted condensation reactions. Journal of Organometallic Chemistry, 2011, 696, 2565-2575.	0.8	11
82	Scandium and yttrium complexes of a heteroscorpionate [N,N,O]-donor-set ligand: Synthesis, characterization and catalytic activity in ethylene polymerization. Inorganica Chimica Acta, 2009, 362, 4353-4357.	1.2	20
83	A DFT study on the interactions between the $[\text{Pt}(\text{H}_2\text{O})(\text{terpy})]^{2+}$ cation and the triflate and perchlorate counter-anions. Polyhedron, 2008, 27, 1497-1502.	1.0	9
84	The Relative Coordinating Ability of Some Weak O-Donor Anions and Water Towards the $[\text{Pt}(\text{terpy})]^{2+}$ (terpy = 2,2',6''-terpyridine) Center $\mu^{\text{X}}$ X-ray Crystal Structures of $[\text{Pt}(\text{terpy})(\text{H}_2\text{O})](\text{CF}_3\text{SO}_3)_2$ and $[\text{Pt}_2(\frac{1}{4}\text{-OH})(\text{terpy})_2](\text{PF}_6)_2(\text{CF}_3\text{SO}_3)$ . European Journal of Inorganic Chemistry, 2007, 2007, 5743-5751.	1.0	15
85	Metal-assisted syntheses and NMR characterization of square-planar Pd(II) and Pt(II) complexes with tridentate nitrogen-donor chelate ligands. Inorganic Chemistry Communication, 2006, 9, 1301-1303.	1.8	16
86	Reactivity of neutral nitrogen donors in square-planar d8 metal complexes: The system chloro(2,2',6''-terpyridine)platinum(II) cation with five-membered N-donor heterocycles in methanol. Polyhedron, 2006, 25, 2698-2704.	1.0	21
87	A Sustainable Route for the Synthesis of Alkyl Arylacetates via Halogen and Base Free Carbonylation of Benzyl Acetates. Catalysis Science and Technology, 0, , .	2.1	3