

# Stefano Zacchini

## List of Publications by Year in descending order

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341  
papers

7,406  
citations

93792

39  
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156644

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350  
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350  
docs citations

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times ranked

4987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boosting the guerbet reaction: A cooperative catalytic system for the efficient bio-ethanol refinery to second-generation biofuels. <i>Journal of Catalysis</i> , 2022, 405, 47-59.	3.1	19
2	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
3	Group 9 and 10 Carbonyl Clusters. , 2022, , 205-270.		2
4	Synthesis, molecular structure and fluxional behavior of the elusive $[\text{HRu}_4(\text{CO})_{12}]^+ \text{ carbonyl anion}$ . <i>Dalton Transactions</i> , 2022, 51, 2250-2261.	1.6	7
5	Inverted Ligand Field in a Pentanuclear Bow Tie Au/Fe Carbonyl Cluster. <i>Inorganic Chemistry</i> , 2022, 61, 3484-3492.	1.9	5
6	Carbon-Carbon Bond Coupling of Vinyl Molecules with an Allenyl Ligand at a Diruthenium Complex. <i>Organometallics</i> , 2022, 41, 1006-1014.	1.1	14
7	A comparative structural and spectroscopic study of diiron and diruthenium isocyanide and aminocarbene complexes. <i>Inorganica Chimica Acta</i> , 2022, 536, 120886.	1.2	2
8	Switching on Cytotoxicity of Water-Soluble Diiron Organometallics by UV Irradiation. <i>Inorganic Chemistry</i> , 2022, 61, 7897-7909.	1.9	3
9	$\eta^6$ -Coordinated ruthenabenzene from three-component assembly on a diruthenium $\eta^4$ -allenyl scaffold. <i>Dalton Transactions</i> , 2022, 51, 8390-8400.	1.6	8
10	New glycoconjugation strategies for Ruthenium(II) arene complexes via phosphane ligands and assessment of their antiproliferative activity. <i>Bioorganic Chemistry</i> , 2022, 126, 105901.	2.0	6
11	When ferrocene and diiron organometallics meet: triiron vinyliminium complexes exhibit strong cytotoxicity and cancer cell selectivity. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 5118-5139.	3.0	9
12	Formation and Structural Characterization of a Diiron Aminoalkylidene Complex with N-Cyano Substituent. <i>Inorganica Chimica Acta</i> , 2022, , 121093.	1.2	0
13	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
14	Carbonyl-isocyanide mono-substitution in $[\text{Fe}_2\text{Cp}_2(\text{CO})_4]$ : A re-visitation. <i>Inorganica Chimica Acta</i> , 2021, 517, 120181.	1.2	11
15	Metal carbonyl clusters of groups 8-10: synthesis and catalysis. <i>Chemical Society Reviews</i> , 2021, 50, 9503-9539.	18.7	40
16	Non-precious metal carbamates as catalysts for the aziridine/CO <sub>2</sub> coupling reaction under mild conditions. <i>Dalton Transactions</i> , 2021, 50, 5351-5359.	1.6	17
17	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> , 2021, 11, 2885-2895.	2.1	9
18	One-pot atmospheric pressure synthesis of $[\text{H}_3\text{Ru}_4(\text{CO})_{12}]^+$ . <i>Dalton Transactions</i> , 2021, 50, 9610-9622.	1.6	9

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19	Polymerization Isomerism in Co-M (M = Cu, Ag, Au) Carbonyl Clusters: Synthesis, Structures and Computational Investigation. <i>Molecules</i> , 2021, 26, 1529.	1.7	4
20	Alkyl tetrazoles as diimine (â€œdiimâ€) ligands for fac-[Re(diim)(CO) <sub>3</sub> (L)]-type complexes. Synthesis, characterization and preliminary studies of the interaction with bovine serum albumin. <i>Inorganica Chimica Acta</i> , 2021, 518, 120244.	1.2	2
21	Trapping carbamates of $\hat{\pm}$ -Amino acids: One-Pot and catalyst-free synthesis of 5-Aryl-2-Oxazolidinonyl derivatives. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 47, 101495.	3.3	3
22	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> , 2021, 60, 9529-9541.	1.9	16
23	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> , 2021, 27, 10169-10185.	1.7	25
24	Heterometallic Niâ€“Pt Chini-Type Carbonyl Clusters: An Example of Molecular Random Alloy Clusters. <i>Inorganic Chemistry</i> , 2021, 60, 8811-8825.	1.9	4
25	A Strategy to Conjugate Bioactive Fragments to Cytotoxic Diiron Bis(cyclopentadienyl) Complexes. <i>Organometallics</i> , 2021, 40, 2516-2528.	1.1	9
26	Neutral Re(I) Complex Platform for Live Intracellular Imaging. <i>Inorganic Chemistry</i> , 2021, 60, 10173-10185.	1.9	10
27	Bimetallic Coâ€“M (M = Cu, Ag, and Au) Carbonyl Complexes Supported by <i>N</i> -Heterocyclic Carbene Ligands: Synthesis, Structures, Computational Investigation, and Catalysis for Ammonia Borane Dehydrogenation. <i>Organometallics</i> , 2021, 40, 2724-2735.	1.1	10
28	Some Novel Cobalt Diphenylphosphine Complexes: Synthesis, Characterization, and Behavior in the Polymerization of 1,3-Butadiene. <i>Molecules</i> , 2021, 26, 4067.	1.7	2
29	A Comparative Analysis of the In Vitro Anticancer Activity of Iridium(III) $\{\hat{1}\text{-C}_5\text{Me}_4\text{R}\}$ Complexes with Variable R Groups. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7422.	1.8	4
30	Anticancer Diiron Vinyliminium Complexes: A Structureâ€“Activity Relationship Study. <i>Pharmaceutics</i> , 2021, 13, 1158.	2.0	18
31	Anticancer and antibacterial potential of robust Ruthenium(II) arene complexes regulated by choice of $\hat{\pm}$ -diimine and halide ligands. <i>Chemico-Biological Interactions</i> , 2021, 344, 109522.	1.7	13
32	Heterometallic rhodium clusters as electron reservoirs: Chemical, electrochemical, and theoretical studies of the centered-icosahedral $[\text{Rh}_{12}\text{E}(\text{CO})_{27}]\text{n}^{\pm}$ atomically precise carbonyl compounds. <i>Journal of Chemical Physics</i> , 2021, 155, 104301.	1.2	6
33	Cyclopentadienoneâ€“NHC iron(0) complexes as low valent electrocatalysts for water oxidation. <i>Catalysis Science and Technology</i> , 2021, 11, 1407-1418.	2.1	4
34	Role of the (pseudo)halido ligand in ruthenium( <i>scp</i> )- <i>p</i> -cymene $\hat{\pm}$ -amino acid complexes in speciation, protein reactivity and cytotoxicity. <i>Dalton Transactions</i> , 2021, 50, 15760-15777.	1.6	5
35	Atomically Precise Niâ€“Pd Alloy Carbonyl Nanoclusters: Synthesis, Total Structure, Electrochemistry, Spectroelectrochemistry, and Electrochemical Impedance Spectroscopy. <i>Inorganic Chemistry</i> , 2021, 60, 16713-16725.	1.9	8
36	Highly Stereoregular 1,3-Butadiene and Isoprene Polymers through Monoalkyl- <i>N</i> -Aryl-Substituted Iminopyridine Iron Complex-Based Catalysts: Synthesis and Characterization. <i>Macromolecules</i> , 2021, 54, 9947-9959.	2.2	14

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37	A Comprehensive Analysis of the Metal–Nitrile Bonding in an Organo-Diiron System. <i>Molecules</i> , 2021, 26, 7088.	1.7	18
38	Imidazolium Salts of Ruthenium Anionic Cyclopentadienone Complexes: Ion Pair for Bifunctional Catalysis in Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1114-1122.	1.0	12
39	Diiron Complexes with a Bridging Functionalized Allylidene Ligand: Synthesis, Structural Aspects, and Cytotoxicity. <i>Organometallics</i> , 2020, 39, 361-373.	1.1	17
40	Piano Stool Aminoalkylidene–Ferracyclopentenone Complexes from Bimetallic Precursors: Synthesis and Cytotoxicity Data. <i>ChemPlusChem</i> , 2020, 85, 110-122.	1.3	8
41	Further insights into platinum carbonyl Chini clusters. <i>Inorganica Chimica Acta</i> , 2020, 512, 119904.	1.2	8
42	Structural Diversity in Molecular Nickel Phosphide Carbonyl Nanoclusters. <i>Inorganic Chemistry</i> , 2020, 59, 16016-16026.	1.9	10
43	Synthesis, Structural Characterization, and DFT Investigations of $[M_2(\mu_2\text{-X})_2(\mu_2\text{-M})_2\text{-5}(\mu_2\text{-Fe})_4(\text{CO})_{16}]^{3+}$ ( $M = \text{Pt, Ir}$ ) <i>ETC</i> 1.078	1.0	8
44	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
45	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> , 2020, 26, 17525-17535.	1.7	10
46	Construction of a Functionalized Selenophene–Allylidene Ligand via Alkyne Double Action at a Diiron Complex. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3268-3276.	1.0	7
47	Antiproliferative and bactericidal activity of diiron and monoiron cyclopentadienyl carbonyl complexes comprising a vinyl–aminoalkylidene unit. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5923.	1.7	14
48	Bypassing the Inertness of Aziridine/ $\text{CO}_2$ Systems to Access 5-Aryl-2-Oxazolidinones: Catalyst-Free Synthesis Under Ambient Conditions. <i>ChemSusChem</i> , 2020, 13, 5586-5594.	3.6	13
49	Antibacterial activity of a new class of tris homoleptic Ru (II) complexes with alkyl tetrazoles as diimine-type ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5806.	1.7	4
50	Rh–Sb Nanoclusters: Synthesis, Structure, and Electrochemical Studies of the Atomically Precise $[\text{Rh}_{20}\text{Sb}_3(\text{CO})_{36}]^{3+}$ and $[\text{Rh}_{21}\text{Sb}_2(\text{CO})_{38}]^{5+}$ Carbonyl Compounds. <i>Inorganic Chemistry</i> , 2020, 59, 4300-4310.	1.9	6
51	Exploring the Anticancer Potential of Diiron Bis-cyclopentadienyl Complexes with Bridging Hydrocarbyl Ligands: Behavior in Aqueous Media and <i>In Vitro</i> Cytotoxicity. <i>Organometallics</i> , 2020, 39, 645-657.	1.1	38
52	Reactions of $[\text{Pt}_6(\text{CO})_6(\text{SnX}_2)_2(\text{SnX}_3)_4]^{4+}$ ( $\text{X} = \text{Cl, Br}$ ) with Acids: Syntheses and molecular structures of $[\text{Pt}_{12}(\text{CO})_{10}(\text{SnCl})_2(\text{SnCl}_2)_4\{\text{Cl}_2\text{Sn}(\frac{1}{4}\text{-OH})\text{SnCl}_2\}_2]^{2+}$ And $[\text{Pt}_7(\text{CO})_6(\text{SnBr}_2)_4\{\text{Br}_2\text{Sn}(\frac{1}{4}\text{-OH})\text{SnBr}_2\}\{\text{Br}_2\text{Sn}(\frac{1}{4}\text{-Br})\text{SnBr}_2\}]^{2+}$ Platinum carbonyl clusters decorated by Sn(II)-Fragments. <i>Inorganica Chimica Acta</i> , 2020, 503, 119432.	1.2	3
53	A Comparative Experimental and Computational Study of Heterometallic Fe-M ( $M = \text{Cu, Ag, Au}$ ) Carbonyl Clusters Containing N-Heterocyclic Carbene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2191-2202.	1.0	14
54	Redox active Ni–Pd carbonyl alloy nanoclusters: syntheses, molecular structures and electrochemistry of $[\text{Ni}_{22}\text{Pd}_{20+x}(\text{CO})_{48}]^{6+}$ ( $x = 0.62$ ), $[\text{Ni}_{29}\text{Pd}_{6+x}(\text{CO})_{42}]^{6+}$ ( $x = 0$ ) <i>Tj ETC</i> 0.0 12BT /Over Dalton Transactions, 2020, 49, 5513-5522.	1.0	12

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55	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
56	Nickel addition to optimize the hydrogen storage performance of lithium intercalated fullerenes. <i>Materials Research Bulletin</i> , 2020, 126, 110848.	2.7	3
57	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
58	Anticancer Potential of Diiron Vinyliminium Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 14801-14816.	1.7	36
59	Pt and Pt/Sn carbonyl clusters as precursors for the synthesis of supported metal catalysts for the base-free oxidation of HMF. <i>Applied Catalysis A: General</i> , 2019, 588, 117279.	2.2	34
60	Straightforward formation of carbocations from tertiary carboxylic acids <i>via</i> CO release at room temperature. <i>Dalton Transactions</i> , 2019, 48, 1574-1577.	1.6	3
61	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
62	Synthesis, reactivity and preliminary biological activity of iron(0) complexes with cyclopentadienone and amino-N-heterocyclic carbene ligands. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4779.	1.7	16
63	Decarbonylation of phenylacetic acids by high valent transition metal halides. <i>Dalton Transactions</i> , 2019, 48, 5725-5734.	1.6	3
64	Anionic Cyclometalated Platinum(II) Tetrazolato Complexes as Viable Photoredox Catalysts. <i>Organometallics</i> , 2019, 38, 1108-1117.	1.1	32
65	Polymerization Isomerism in $\{MFe(CO)_4\}_n$ ( $M = Ti, Zr, Hf$ ) $ETQ_{q1} 1 0.784314 \text{ rgB}$ <i>Chemistry</i> , 2019, 58, 2911-2915.	1.9	21
66	Anticancer Potential of Diiron Vinyliminium Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 14739-14739.	1.7	2
67	Synthesis and spectroscopic characterization of titanium pyridylanilido complexes as catalysts for the polymerization of 1,3-butadiene and isoprene. <i>Inorganica Chimica Acta</i> , 2019, 487, 331-338.	1.2	9
68	Solvent-Dependent Hemilability of (2-Diphenylphosphino)Phenol in a Ru(II) <i>para</i> -Cymene System. <i>Organometallics</i> , 2018, 37, 1381-1391.	1.1	10
69	Activation of C≡N bonds by high-valent group 6 metal chlorides, including the conversion of an N-dimine into a functionalized imidazolium. <i>New Journal of Chemistry</i> , 2018, 42, 8503-8511.	1.4	5
70	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
71	Diastereospecific Bisalkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl N-Dimine Palladium(II) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3507-3517.	2.1	15
72	Water soluble derivatives of platinum carbonyl Chini clusters: synthesis, molecular structures and cytotoxicity of $[Pt_{12}(CO)_{20}(PTA)_4]^{2+}$ and $[Pt_{15}(CO)_{25}(PTA)_5]^{2+}$ . <i>Dalton Transactions</i> , 2018, 47, 4467-4477.	1.6	11

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73	Structural Characterization of a Fluorido- $\mu$ -Amide of Niobium, and Facile CO <sub>2</sub> Incorporation Affording a Fluorido- $\mu$ -Carbamate. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 999-1006.	1.0	4
74	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> , 2018, 2018, 959-959.	1.0	0
75	Stable coordination complexes of $\mu$ -diimines with Nb( $\nu$ ) and Ta( $\nu$ ) halides. <i>Dalton Transactions</i> , 2018, 47, 3346-3355.	1.6	13
76	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> , 2018, 2018, 960-971.	1.0	36
77	Amination of Bridging Vinyliminium Ligands in Diiron Complexes: C-N Bond Forming Reactions for Amidine-Alkylidene Species. <i>Organometallics</i> , 2018, 37, 107-115.	1.1	13
78	Molecular Nickel Phosphide Carbonyl Nanoclusters: Synthesis, Structure, and Electrochemistry of [Ni <sub>11</sub> P(CO) <sub>18</sub> ] <sup>3+</sup> and [H <sub>6</sub> Ni <sub>31</sub> P <sub>4</sub> (CO) <sub>39</sub> ] <sup>n+</sup> (n = 4 and 5). <i>Inorganic Chemistry</i> , 2018, 57, 1136-1147.	1.9	10
79	Globular molecular platinum carbonyl nanoclusters: Synthesis and molecular structures of the [Pt <sub>26</sub> (CO) <sub>32</sub> ] <sup>+</sup> and [Pt <sub>14+x</sub> (CO) <sub>18+x</sub> ] <sub>4</sub> <sup>+</sup> anions and their comparison to related platinum $\mu$ -browns. <i>Inorganica Chimica Acta</i> , 2018, 470, 238-249.	1.2	10
80	The role of gold in transition metal carbonyl clusters. <i>Coordination Chemistry Reviews</i> , 2018, 355, 27-38.	9.5	31
81	$\mu$ -Diimine homologues of cisplatin: synthesis, speciation in DMSO/water and cytotoxicity. <i>New Journal of Chemistry</i> , 2018, 42, 17453-17463.	1.4	10
82	Ubiquity of cis-Halide $\pi$ Isocyanide Direct Interligand Interaction in Organometallic Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 14554-14563.	1.9	6
83	Controlled Dissociation of Iron and Cyclopentadienyl from a Diiron Complex with a Bridging C <sub>3</sub> Ligand Triggered by One-Electron Reduction. <i>Inorganic Chemistry</i> , 2018, 57, 15172-15186.	1.9	20
84	DFT Mechanistic Insights into the Alkyne Insertion Reaction Affording Diiron $\mu$ -Vinyliminium Complexes and New Functionalization Pathways. <i>Organometallics</i> , 2018, 37, 3718-3731.	1.1	27
85	From Mononuclear Complexes to Molecular Nanoparticles: The Buildup of Atomically Precise Heterometallic Rhodium Carbonyl Nanoclusters. <i>Accounts of Chemical Research</i> , 2018, 51, 2748-2755.	7.6	26
86	Cluster Core Isomerism Induced by Crystal Packing Effects in the [HCo <sub>15</sub> Pd <sub>9</sub> C <sub>3</sub> (CO) <sub>38</sub> ] <sup>2+</sup> Molecular Nanocluster. <i>ACS Omega</i> , 2018, 3, 13239-13250.	1.6	11
87	Ruthenium $\mu$ -cymene complexes with $\mu$ -diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to $\beta$ -valerolactone. <i>New Journal of Chemistry</i> , 2018, 42, 17574-17586.	1.4	19
88	Synthesis, characterization and behavior in water/DMSO solution of Ru(II) arene complexes with bioactive carboxylates. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 201-211.	0.8	19
89	$\mu$ -Diimines as Versatile, Derivatizable Ligands in Ruthenium(II) $\mu$ -Cymene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 6669-6685.	1.9	50
90	Versatile coordination of acetazolamide to ruthenium( $\mu$ ) $\mu$ -cymene complexes and preliminary cytotoxicity studies. <i>Dalton Transactions</i> , 2018, 47, 9367-9384.	1.6	21



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91	Luminescent protein staining with Re( <i>trifluoromethyl</i> ) tetrazolato complexes. Dalton Transactions, 2018, 47, 9400-9410.	1.6	11
92	Synthesis of new coordination complexes of MF <sub>5</sub> (M = Nb, Ta), and insights into the Ta(V) reduction. Inorganica Chimica Acta, 2018, 482, 498-502.	1.2	3
93	Functionalization, Modification, and Transformation of Platinum Chini Clusters. European Journal of Inorganic Chemistry, 2018, 2018, 3285-3296.	1.0	18
94	Cascade Reactions of <i>trans</i> -Phenylcinnamic Acid to Polycyclic Compounds Promoted by High Valent Transition Metal Halides. ChemistrySelect, 2018, 3, 8844-8848.	0.7	2
95	Insertion of germanium atoms in high-nuclearity rhodium carbonyl compounds: synthesis, characterization and preliminary biological activity of the heterometallic [Rh <sub>13</sub> Ge(CO) <sub>25</sub> ] <sup>3+</sup> , [Rh <sub>14</sub> Ge <sub>2</sub> (CO) <sub>30</sub> ] <sup>2+</sup> and [Rh <sub>12</sub> Ge(CO) <sub>27</sub> ] <sup>4+</sup> clusters. Dalton Transactions, 2018, 47, 15727-15744.	1.6	8
96	Front Cover Picture: Diastereospecific Bis-alkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl <i>trans</i> -Diimine Palladium(II) Catalysts (Adv. Synth. Catal. 18/2018). Advanced Synthesis and Catalysis, 2018, 360, 3425-3425.	2.1	0
97	Synthesis of [Pt <sub>12</sub> (CO) <sub>20</sub> (dppm) <sub>2</sub> ] <sup>2+</sup> and [Pt <sub>18</sub> (CO) <sub>30</sub> (dppm) <sub>3</sub> ] <sup>2+</sup> Heteroleptic Chini-type Platinum Clusters by the Oxidative Oligomerization of [Pt <sub>6</sub> (CO) <sub>12</sub> (dppm)] <sup>2+</sup> . Inorganic Chemistry, 2018, 57, 7578-7590.	1.9	11
98	Ruthenium Arene Complexes with <i>trans</i> -Aminoacidato Ligands: New Insights into Transfer Hydrogenation Reactions and Cytotoxic Behaviour. European Journal of Inorganic Chemistry, 2018, 2018, 3041-3057.	1.0	17
99	Synthesis and structural characterization of mixed halide N,N-diethylcarbamates of group 4 metals, including a case of unusual tetrahydrofuran activation. New Journal of Chemistry, 2017, 41, 1781-1789.	1.4	14
100	The redox chemistry of [Ni <sub>9</sub> C(CO) <sub>17</sub> ] <sup>2+</sup> and [Ni <sub>10</sub> (C <sub>2</sub> )(CO) <sub>16</sub> ] <sup>2+</sup> : Synthesis, electrochemistry and structure of [Ni <sub>12</sub> C(CO) <sub>18</sub> ] <sup>4+</sup> and [Ni <sub>22</sub> (C <sub>2</sub> ) <sub>4</sub> (CO) <sub>28</sub> (Et <sub>2</sub> S)] <sup>2+</sup> . Journal of Organometallic Chemistry, 2017, 849-850, 299-305.	0.8	8
101	Heteroleptic Chini-Type Platinum Clusters: Synthesis and Characterization of Bis-Phosphine Derivatives of [Pt <sub>3</sub> (CO) <sub>6</sub> ] <sup>2+</sup> ( <i>n</i> = 2-4). Inorganic Chemistry, 2017, 56, 1655-1668.	1.9	22
102	The reactions of <i>trans</i> -amino acids and <i>trans</i> -amino acid esters with high valent transition metal halides: synthesis of coordination complexes, activation processes and stabilization of <i>trans</i> -ammonium acylchloride cations. RSC Advances, 2017, 7, 10158-10174.	1.7	13
103	Capping [H <sub>8</sub> Ni <sub>42</sub> C <sub>8</sub> (CO) <sub>44</sub> ] <sup>n+</sup> ( <i>n</i> = 6, 7, 8) Octa-carbide Carbonyl Nanoclusters with [Ni(CO)] and [CuCl] Fragments. Journal of Cluster Science, 2017, 28, 1963-1979.	1.7	6
104	Unusual activation pathways of amines in the reactions with molybdenum pentachloride. New Journal of Chemistry, 2017, 41, 4329-4340.	1.4	6
105	Reactions of Platinum Carbonyl Chini Clusters with Ag(NHC)Cl Complexes: Formation of Acid-Base Lewis Adducts and Heteroleptic Clusters. Inorganic Chemistry, 2017, 56, 6532-6544.	1.9	16
106	Synthesis of the Highly Reduced [Fe <sub>6</sub> C(CO) <sub>15</sub> ] <sup>4+</sup> Carbonyl Carbide Cluster and Its Reactions with H <sup>+</sup> and [Au(PPh <sub>3</sub> ) <sub>3</sub> ] <sup>+</sup> . European Journal of Inorganic Chemistry, 2017, 2017, 3135-3143.	1.0	14
107	A general strategy to add diversity to ruthenium arene complexes with bioactive organic compounds via a coordinated (4-hydroxyphenyl)diphenylphosphine ligand. Dalton Transactions, 2017, 46, 12001-12004.	1.6	29
108	Interstitial Bismuth Atoms in Icosahedral Rhodium Cages: Syntheses, Characterizations, and Molecular Structures of the [Bi@Rh <sub>12</sub> (CO) <sub>27</sub> ] <sup>3+</sup> , [(Bi@Rh <sub>12</sub> (CO) <sub>26</sub> )(Bi) <sub>2</sub> ] <sup>5+</sup> , [Bi@Rh <sub>14</sub> (CO) <sub>27</sub> Bi <sub>2</sub> ] <sup>3+</sup> , and [Bi@Rh <sub>17</sub> (CO) <sub>33</sub> Bi <sub>2</sub> ] <sup>4+</sup> Carbonyl Clusters. Inorganic Chemistry, 2017, 56, 6343-6351.	1.9	21

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110	Ruthenium arene complexes with triphenylphosphane ligands: cytotoxicity towards pancreatic cancer cells, interaction with model proteins, and effect of ethacrynic acid substitution. New Journal of Chemistry, 2017, 41, 14574-14588.	1.4	37
111	Methylation of Ir( $\eta^5$ -tetrzolato) complexes: an effective route to modulate the emission outputs and to switch to antimicrobial properties. Dalton Transactions, 2017, 46, 12328-12338.	1.6	16
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113	Synthesis of the Highly Reduced [Fe <sub>6</sub> C(CO) <sub>15</sub> ] <sup>4-</sup> Carbonyl Carbide Cluster and Its Reactions with H <sup>+</sup> and [Au(PPh <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> . European Journal of Inorganic Chemistry, 2017, 2017, 3134-3134.	1.0	2
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143	$[H_3^nFe_4(CO)_{12}(IrCOD)]^{n+}$ (n = 1, 2) and $[H_2Fe_3(CO)_{10}(IrCOD)]^+$ Bimetallic Fe-Ir Hydride Carbonyl Clusters. <i>Organometallics</i> , 2015, 34, 189-197.	1.1	2
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146	Câ€N Coupling of Isocyanide Ligands Promoted by Acetylide Addition to Diiron Aminocarbene Complexes. <i>Organometallics</i> , 2015, 34, 3658-3664.	1.1	15
147	The chlorinating behaviour of WCl <sub>6</sub> towards Î±-aminoacids. <i>Dalton Transactions</i> , 2015, 44, 8729-8738.	1.6	14
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165	The interaction of molybdenum pentachloride with O- and S-heterocycles. <i>Dalton Transactions</i> , 2014, 43, 495-504.	1.6	26
166	Peraurated nickel carbide carbonyl clusters: the cationic [Ni <sub>6</sub> (C)(CO) <sub>8</sub> (AuPPh <sub>3</sub> ) <sub>8</sub> ] <sup>2+</sup> monocarbide and the [Ni <sub>12</sub> (C)(C <sub>2</sub> )(CO) <sub>17</sub> (AuPPh <sub>3</sub> ) <sub>3</sub> ] <sup>+</sup> anion containing one carbide and one acetylide unit. <i>Dalton Transactions</i> , 2014, 43, 13471.	1.6	15
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176	Hydride Migration from a Triangular Face to a Tetrahedral Cavity in Tetranuclear Iron Carbonyl Clusters upon Coordination of [AuPPh <sub>3</sub> ] <sup>+</sup> Fragments. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7233-7237.	7.2	10
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207	Nickel poly-acetylide carbonyl clusters: structural features, bonding and electrochemical behaviour. <i>Dalton Transactions</i> , 2012, 41, 4649.	1.6	20
208	Bimetallic Nickel-Cobalt Hexacarbido Carbonyl Clusters [H <sub>6</sub> Ni <sub>22</sub> Co <sub>6</sub> C <sub>6</sub> (CO) <sub>36</sub> ] <sup>18+</sup> (n = 3-6) Possessing Polyhydride Nature and Their Base-Induced Degradation to the Monoacetylide [Ni <sub>9</sub> CoC <sub>2</sub> (CO) <sub>16</sub> ] <sup>3+</sup> (x) Tj ETQq0 0 0 rgBT /OV	1.1	15
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#	ARTICLE	IF	CITATIONS
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308	Diiron and diruthenium aminocarbene complexes containing pseudohalides: stereochemistry and reactivity. <i>Inorganica Chimica Acta</i> , 2005, 358, 1204-1216.	1.2	39
309	N-Bonded Monosilanols: Synthesis and Characterization of $\text{ArN}(\text{SiMe}_3)\text{SiMe}_2\text{Cl}$ and $\text{ArN}(\text{SiMe}_3)\text{SiMe}_2\text{OH}$ (Ar = C <sub>6</sub> H <sub>5</sub> , 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , 2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1880-1885.	1.0	12
310	Formation of C-C Bonds in Diiron Complexes by Addition of Carbanions to Alkynyl(methoxy)carbene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3250-3260.	1.0	19
311	Organostannoxane-Supported Multiferrocenyl Assemblies: Synthesis, Novel Supramolecular Structures, and Electrochemistry. <i>Chemistry - A European Journal</i> , 2005, 11, 5437-5448.	1.7	75
312	Nitrile ligands activation in dinuclear aminocarbene complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1959-1970.	0.8	21
313	New bridging ligands from methylation reactions of $\eta^4$ -vinyliminium diiron complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4666-4676.	0.8	14
314	High-yield one-step synthesis in water of $[\text{Pt}3\text{n}(\text{CO})6\text{n}]2^{+}$ (n > 6) and $[\text{Pt}38(\text{CO})44]2^{+}$ . <i>Chemical Communications</i> , 2005, , 5769.	2.2	36
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316	Synthesis, Structure, and Stereochemistry of Trinuclear Metal Complexes Formed from the Phosphorus-Based Achiral Tripodal Ligand $\{\text{P}(\text{S})[\text{N}(\text{Me})\text{NCHC}_6\text{H}_4\text{-o-OH}]_3\}$ (LH3): Luminescent Properties of $\text{L}_2\text{Cd}_3 \cdot 2\text{H}_2\text{O}$ . <i>Inorganic Chemistry</i> , 2005, 44, 4608-4615.	1.9	29
317	Stereochemistry of the insertion of disubstituted alkynes into the metal aminocarbene bond in diiron complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 528-538.	0.8	56
318	Synthesis, Characterization and Reactivity of New ( $\eta^4$ -Aminocarbene)diruthenium Complexes Containing Alkynylimino Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1494-1504.	1.0	15
319	From the tetra(amino) phosphonium cation, $[\text{P}(\text{NHPh})_4]^+$ , to the tetra(imino) phosphate trianion, $[\text{P}(\text{NPh})_4]^{3-}$ , two-faced ligands that bind anions and cations. <i>Dalton Transactions</i> , 2004, , 989-995.	1.6	32
320	Regio- and Stereoselective Hydride Addition at $\eta^4$ -Vinyliminium Ligands in Cationic Diiron Complexes. <i>Organometallics</i> , 2004, 23, 3348-3354.	1.1	52
321	Reactions of $n\text{-Bu}_2\text{SnO}$ and $(n\text{-Bu}_3\text{Sn})_2\text{O}$ with 1,1,2,3,3-Pentamethyltrimethylene Phosphinic Acid: Synthesis and X-ray Crystal Structures of a Novel Spirocyclic Coordination Polymer and a 16-Membered Inorganic Macrocyclic. <i>Organometallics</i> , 2004, 23, 1390-1395.	1.1	36
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323	Pendant Cyclodiphosphazatriene-Containing Monomers and Polymers: Synthesis, Crystal Structures and Polymerization Behavior of $[\text{NC}(\text{NMe}_2)]_2[\text{NP}(\text{O}-\text{C}_6\text{H}_4\text{-p}-\text{C}_6\text{H}_4\text{-p}-\text{CHCH}_2)(\text{X})]$ , X = Cl, OCH <sub>2</sub> CF <sub>3</sub> , OC <sub>6</sub> H <sub>5</sub> , OC <sub>6</sub> H <sub>4</sub> -m-CH <sub>3</sub> , OC <sub>6</sub> H <sub>4</sub> -p-Br. <i>Inorganic Chemistry</i> , 2003, 42, 51-59.	1.9	27
324	Solventless Reactions for the Synthesis of Organotin Clusters and Cages. <i>Organometallics</i> , 2003, 22, 3710-3716.	1.1	56



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325	First example of a Sn–C bond cleaved product in the reaction of Ph <sub>3</sub> SnOSnPh <sub>3</sub> with carboxylic acids. 3D-Supramolecular network formation in the X-ray crystal structure of [Ph <sub>2</sub> Sn(OH)OC(O)(Rf)] <sub>2</sub> , Rf = 2,4,6-(CF <sub>3</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>2</sub> . <i>Chemical Communications</i> , 2003, , 862-863.	2.2	33
326	Cyclophosphazene supramolecular assemblies: N–H and C–H mediated supramolecular networks in the crystal structures of N <sub>3</sub> P <sub>3</sub> [N(Me)NH <sub>2</sub> ] <sub>6</sub> and spiro-N <sub>3</sub> P <sub>3</sub> [O <sub>2</sub> C <sub>12</sub> H <sub>8</sub> ][N(Me)NH <sub>2</sub> ] <sub>4</sub> . <i>CrystEngComm</i> , 2003, 5, 245-247.	1.3	16
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329	Reactions of diiron mu-aminocarbyne complexes containing nitrile ligands. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 902-907.	0.6	10
330	Synthesis and X-ray Crystal Structure of the Novel Organotin Dication [n-Bu <sub>2</sub> Sn(H <sub>2</sub> O) <sub>4</sub> ] <sub>2</sub> ·2H <sub>2</sub> O: A Lamellar Layered Structure Assisted by Intermolecular Hydrogen Bonding. <i>Organometallics</i> , 2002, 21, 4575-4577.	1.1	46
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333	Characterization and Dynamics of [Pd(L)H(solvent)] <sup>+</sup> , [Pd(L)(CH <sub>2</sub> CH <sub>3</sub> )] <sup>+</sup> , and [Pd(L)(C(O)Et)(THF)] <sup>+</sup> (L = 1,2-(CH <sub>2</sub> PBut <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> ): Key Intermediates in the Catalytic Methoxycarbonylation of Ethene to Methylpropanoate. <i>Organometallics</i> , 2002, 21, 1832-1840.	1.1	120
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