

Iacopo Ciabatti

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Paolo Chini: The Chemical Architect of Metal Carbonyl Clusters. <i>Journal of Cluster Science</i> , 2019, 30, 1623-1631.	1.7	8
2	Water soluble derivatives of platinum carbonyl Chini clusters: synthesis, molecular structures and cytotoxicity of $[\text{Pt}_{12}(\text{CO})_{20}(\text{PTA})_4]^{2+}$ and $[\text{Pt}_{15}(\text{CO})_{25}(\text{PTA})_5]^{2+}$. <i>Dalton Transactions</i> , 2018, 47, 4467-4477.	1.6	11
3	Molecular Nickel Phosphide Carbonyl Nanoclusters: Synthesis, Structure, and Electrochemistry of $[\text{Ni}_{11}\text{P}(\text{CO})_{18}]^{3+}$ and $[\text{H}_6\text{Ni}_{31}\text{P}_4(\text{CO})_{39}]^{+}$ ($n = 4$ and 5). <i>Inorganic Chemistry</i> , 2018, 57, 1136-1147.	1.9	10
4	Globular molecular platinum carbonyl nanoclusters: Synthesis and molecular structures of the $[\text{Pt}_{26}(\text{CO})_{32}]^{\sim}$ and $[\text{Pt}_{14+x}(\text{CO})_{18+x}]^{4\sim}$ anions and their comparison to related platinum "browns". <i>Inorganica Chimica Acta</i> , 2018, 470, 238-249.	1.2	10
5	The role of gold in transition metal carbonyl clusters. <i>Coordination Chemistry Reviews</i> , 2018, 355, 27-38.	9.5	31
6	Cluster Core Isomerism Induced by Crystal Packing Effects in the $[\text{HCo}_{15}\text{Pd}_9\text{C}_3(\text{CO})_{38}]^{2+}$ Molecular Nanocluster. <i>ACS Omega</i> , 2018, 3, 13239-13250.	1.6	11
7	Synthesis of $[\text{Pt}_{12}(\text{CO})_{20}(\text{dppm})_2]^{2+}$ and $[\text{Pt}_{18}(\text{CO})_{30}(\text{dppm})_3]^{2+}$ Heteroleptic Chini-type Platinum Clusters by the Oxidative Oligomerization of $[\text{Pt}_6(\text{CO})_{12}(\text{dppm})]^{2+}$. <i>Inorganic Chemistry</i> , 2018, 57, 7578-7590.	1.9	11
8	The redox chemistry of $[\text{Ni}_9\text{C}(\text{CO})_{17}]^{2+}$ and $[\text{Ni}_{10}(\text{C}_2)(\text{CO})_{16}]^{2+}$: Synthesis, electrochemistry and structure of $[\text{Ni}_{12}\text{C}(\text{CO})_{18}]^{4+}$ and $[\text{Ni}_{22}(\text{C}_2)_4(\text{CO})_{28}(\text{Et}_2\text{S})]^{2+}$. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 299-305.	0.8	8
9	Heteroleptic Chini-Type Platinum Clusters: Synthesis and Characterization of Bis-Phosphine Derivatives of $[\text{Pt}_3]^{+}(\text{CO})_6]^{2+}$ ($n = 2$). <i>Inorganic Chemistry</i> , 2017, 56, 1655-1668.	1.9	22
10	Capping $[\text{H}_8\text{Ni}_{42}\text{C}_8(\text{CO})_{44}]^{n\sim}$ ($n = 6, 7, 8$) Octa-carbide Carbonyl Nanoclusters with $[\text{Ni}(\text{CO})]$ and $[\text{CuCl}]$ Fragments. <i>Journal of Cluster Science</i> , 2017, 28, 1963-1979.	1.7	6
11	Reactions of Platinum Carbonyl Chini Clusters with $\text{Ag}(\text{NHC})\text{Cl}$ Complexes: Formation of Acid-Base Lewis Adducts and Heteroleptic Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 6532-6544.	1.9	16
12	Synthesis of the Highly Reduced $[\text{Fe}_6\text{C}(\text{CO})_{15}]^{4+}$ Carbonyl Carbide Cluster and Its Reactions with H^+ and $[\text{Au}(\text{PPh}_3)_3]^+$. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3135-3143.	1.0	14
13	Molecular Structures of the $[\text{Bi@Rh}_{12}(\text{CO})_{27}]^{3+}$, $[\text{Bi@Rh}_{12}(\text{CO})_{26}]^{2+}$, $[\text{Bi@Rh}_{14}(\text{CO})_{27}]^{3+}$, and $[\text{Bi@Rh}_{17}(\text{CO})_{33}]^{4+}$ Carbonyl Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 6343-6351.	1.9	21
14	Synthesis of the Highly Reduced $[\text{Fe}_6\text{C}(\text{CO})_{15}]^{4-}$ Carbonyl Carbide Cluster and Its Reactions with H^+ and $[\text{Au}(\text{PPh}_3)_3]^+$. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3134-3134.	1.0	2
15	Bimetallic Fe@Au Carbonyl Clusters Derived from Collman's Reagent: Synthesis, Structure and DFT Analysis of $\text{Fe}(\text{CO})_4(\text{AuNHC})_2$ and $[\text{Au}_3\text{Fe}_2(\text{CO})_8(\text{NHC})_2]^+$. <i>Journal of Cluster Science</i> , 2017, 28, 703-723.	1.7	23
16	Alternative synthetic route for the heterometallic CO-releasing $[\text{Sb@Rh}_{12}(\text{CO})_{27}]^{3+}$ icosahedral carbonyl cluster and synthesis of its new unsaturated $[\text{Sb@Rh}_{12}(\text{CO})_{24}]^{4+}$ and dimeric $[\{\text{Sb@Rh}_{12}\text{Sb}(\text{CO})_{25}\}_2\text{Rh}(\text{CO})_2\text{PPh}_3]^{7+}$ derivatives. <i>Progress in Natural Science: Materials International</i> , 2016, 26, 461-466.	1.8	13
17	$[\text{Pt}_6(\text{CO})_8(\text{SnCl}_2)_2(\text{SnCl}_3)_4]^{4+}$ and $[\text{Pt}_6(\text{CO})_8(\text{SnCl}_2)_2(\text{SnCl}_3)_2(\text{PPh}_3)_3]^{2+}$ Platinum Carbonyl Clusters Decorated by Sn^{II} Fragments. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 461-466.	1.0	14
18	Syntheses, Structures, and Electrochemistry of the Defective fcc $[\text{Pt}_{33}(\text{CO})_{38}]^{2+}$ and the bcc $[\text{Pt}_{40}(\text{CO})_{40}]^{6+}$ Molecular Nanoclusters. <i>Inorganic Chemistry</i> , 2016, 55, 6068-6079.	1.9	32

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37	Tetrahedral [H _n Pt ₄ (CO) ₄ (P ^S P) ₂] ⁿ⁺ (n = 1, 2; P ^S P = CH ₂ •C(PPh ₂) ₂) Cationic Mono- and Dihydrido Carbonyl Clusters Obtained by Protonation of the Neutral Pt ₄ (CO) ₄ (P ^S P) ₂ . <i>Organometallics</i> , 2013, 32, 5168-5169.	1.1	14
38	Intramolecular d ¹⁰ –d ¹⁰ Interactions in a Ni ₆ C(CO) ₉ (AuPPh ₃) ₄ Bimetallic Nickel–Gold Carbide Carbonyl Cluster. <i>Inorganic Chemistry</i> , 2013, 52, 10559-10565.	1.9	21
39	Metal Segregation in Bimetallic Co ₂ Pd Carbide Carbonyl Clusters: Synthesis, Structure, Reactivity and Electrochemistry of [H ₆ Co ₂₀ Pd ₁₆ C ₄ (CO) ₄₈] ¹³⁺ (n = 3–6). <i>ChemPlusChem</i> , 2013, 78, 1456-1465.	1.3	18
40	Bimetallic Nickel–Cobalt Hexacarbido Carbonyl Clusters [H ₆ Ni ₂₂ Co ₆ C ₆ (CO) ₃₆] ⁿ⁺ (n = 3–6) Possessing Polyhydride Nature and Their Base-Induced Degradation to the Monoacetylide [Ni ₉ CoC ₂ (CO) ₁₆] ^{x+} (x = 3–6). <i>Tj ETQq0 0 0 rgBT /Ov</i>	1.1	15
41	Synthesis, Structure, and Electrochemistry of the Ni–Au Carbonyl Cluster [Ni ₁₂ Au(CO) ₂₄] ³⁺ and Its Relation to [Ni ₃₂ Au ₆ (CO) ₄₄] ⁶⁺ . <i>Inorganic Chemistry</i> , 2012, 51, 11753-11761.	1.9	18
42	Surface decorated platinum carbonyl clusters. <i>Nanoscale</i> , 2012, 4, 4166.	2.8	24