Cristina Femoni

List of Publications by Year
in descending order

141 papers	3,073 citations	172457 29 h-index	254184 43 g-index
149 all docs	149 docs citations	149 times ranked	2240 citing authors

#	Article	IF	Citations
1	The possible role of metal carbonyl clusters in nanoscience and nanotechnologies. Coordination Chemistry Reviews, 2006, 250, 1580-1604.	18.8	153
2	N,Nâ€˜-Dialkylimidazolium Chloroplatinate(II), Chloroplatinate(IV), and Chloroiridate(IV) Salts and an N-Heterocyclic Carbene Complex of Platinum(II):â€‰ Synthesis in Ionic Liquids and Crystal Structures. Inorganic Chemistry, 2001, 40, 795-800.	4.0	104
3	New tetrazole-based Cu(<scp>i</scp>) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. Dalton Transactions, 2013, 42, 997-1010.	3.3	103
4	Platinum Carbonyl Clusters Chemistry: Four Decades of Challenging Nanoscience. Journal of Cluster Science, 2014, 25, 115-146.	3.3	67
5	N-Heterocyclic Carbene-Amide Rhodium(I) Complexes: Structures, Dynamics, and Catalysis. Organometallics, 2011, 30, 5258-5272.	2.3	66
6	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. Journal of Materials Chemistry, 2007, 17, 728-735.	6.7	58
7	Dirhodium(II) carboxylate complexes as building blocks. Synthesis and structures of square boxes with tilted wallsâ€Šâ€. Dalton Transactions RSC, 2000, , 4025-4027.	2.3	57
8	An Organometallic Approach to Gold Nanoparticles: Synthesis and Xâ€Ray Structure of COâ€Protected Au₂₁Fe₁₀, Au₂₂Fe₁₂, Au₂₈Fe₁₄, and Au₃₄Fe₁₄ Clusters. Angewandte Chemie - International Edition, 2008, 47, 6666-6669.	13.8	56
9	Catalytic combustion of toluene over cluster-derived gold/iron catalysts. Applied Catalysis A: General, 2010, 372, 138-146.	4.3	52
10	Synthesis and Crystal Structure of [NBu4]2[Pt24(CO)48]: An Infinite 1D Stack of {Pt3(CO)6} Units Morphologically Resembling a CO-Insulated Platinum Cable. Angewandte Chemie - International Edition, 2006, 45, 2060-2062.	13.8	51
11	Redox Behavior of [H6-nNi38Pt6(CO)48]n- (n = 4â^'6) Anions:â€‰ A Series of Metal Carbonyl Clusters Displaying Electron-Sink Features. Inorganic Chemistry, 1999, 38, 3721-3724.	4.0	50
12	Polypyridyl Ruthenium(II) Complexes with Tetrazolate-Based Chelating Ligands. Synthesis, Reactivity, and Electrochemical and Photophysical Properties. Inorganic Chemistry, 2007, 46, 9126-9138.	4.0	44
13	Synthesis, molecular structures and solution NMR studies of N-heterocyclic carbeneâ€“amine silver complexes. Journal of Organometallic Chemistry, 2008, 693, 2579-2591.	1.8	43
14	Infinite Molecular {[Pt3n(CO)6n]2â€“}â^ž Conductor Wires by Self-Assembly of [Pt3n(CO)6n]2â€“ (n = 5â€“8) Cluster Dianions Formally Resembling CO-Sheathed Three-Platinum Cables. European Journal of Inorganic Chemistry, 2007, 2007, 1483-1486.	2.0	42
15	Solutionâ€Grown, Macroscopic Organic Single Crystals Exhibiting Threeâ€Dimensional Anisotropic Chargeâ€Transport Properties. Advanced Materials, 2009, 21, 1835-1839.	21.0	41
16	Icosahedral Pt-Centered Pt₁₃ and Pt₁₉ Carbonyl Clusters Decorated by [Cd₅(Î¼-Br)₅Br_{5â^'x}(solvent)_x]^{x+} Rings Reminiscent of the Decoration of Auâ^'Feâ^'CO and Au-Thiolate Nanoclusters: A Unifying Approach to Their Electron Counts. Journal of the American Chemical Society, 2011, 133, 2406-2409.	13.7	41
17	Self-Assembly of [Pt₃n</sub>(CO)_{6n}]^{2â^'}(n= 4â^'8) Carbonyl Clusters: from Molecules to Conducting Molecular Metal Wires. Inorganic Chemistry, 2010, 49, 5992-6004.	4.0	40
18	Synthesis and Characterisation ofÎ½3-Octahedral[Ni36Pd8(CO)48]6â^' and[Ni35Pt9(CO)48]6â^' Clusters Displaying Unexpected Surface Segregation of Pt Atoms and Molecular and/or Crystal Substitutional Ni/Pd and Ni/Pt Disorder. Chemistry - A European Journal, 2004, 10, 2318-2326.	3.3	39

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19	Gold/iron carbonyl clusters as precursors for TiO2 supported catalysts. Catalysis Today, 2008, 137, 483-488.	4.4	37
20	Organometallic Reactions in Aqueous Media:Â Indium-Promoted Additions to 2-Pyridyl and Glyoxylic Acid Oxime Ethers. Journal of Organic Chemistry, 2003, 68, 3348-3351.	3.2	36
21	High-yield one-step synthesis in water of [Pt3n(CO)6n]2â€“ (n > 6) and [Pt38(CO)44]2â€“. Chemical Communications, 2005, , 5769.	4.1	36
22	1,3-Dipolar cycloaddition of nitrile imines with Î±,Î²-unsaturated lactones, thiolactones and lactams: synthesis of ring-fused pyrazoles. Tetrahedron, 2012, 68, 3319-3328.	1.9	34
23	Magnetic Behavior of Odd- and Even-Electron Metal Carbonyl Clusters: The Case Study of [Co₈Pt₄C₂(CO)₂₄]^{nâ^'}(n= 1,) Tj ET Q q 1 1 0.78314 rg B	13.1	33
24	Electron-Sink Behaviour of the Carbonylnickel Clusters [Ni32C6(CO)36]6â€“ and [Ni38C6(CO)42]6â€“: Synthesis and Characterization of the Anions [Ni32C6(CO)36]nâ€“ (n = 5â€“10) and [Ni38C6(CO)42]nâ€“ (n =) Tj ETQq0 0 0 rgBT /Ov Chemistry, 1999, 1999, 663-671.	2.0	32
25	Syntheses, Structures, and Electrochemistry of the Defective ccp [Pt₃₃(CO)₃₈]^{2â€“} and the bcc [Pt₄₀(CO)₄₀]^{6â€“} Molecular Nanoclusters. Inorganic Chemistry, 2016, 55, 6068-6079.	4.0	32
26	Synthesis, Molecular Structure and Properties of the [H_{6â^'n}Ni₃₀C₄(CO)₃₄(CdCl)₂]^{nâ^'} (n=3â€“6) Bimetallic Carbide Carbonyl Cluster: A Model for the Growth of Noncompact Interstitial Metal Carbides. Chemistry - A European Journal, 2008, 14, 1924-1934.	3.3	31
27	The role of gold in transition metal carbonyl clusters. Coordination Chemistry Reviews, 2018, 355, 27-38.	18.8	31
28	Synthesis and structural characterization of [NEt4][Fe3(Î¼3-O)(Î¼3-AuPPh3)(Î¼-CO)3(CO)6], the new [Au6(Î¼3-S)2(PPh3)6][Fe3(Î¼3-S)(Î¼-AuPPh3)(CO)9]2 and [Au6(Î¼3-S)2(PPh3)6][Fe5(Î¼3-S)2(CO)14] ionic solids containing assemblages of cluster-cations and cluster-anions. Inorganica Chimica Acta, 1999, 291, 372-379.	2.4	30
29	Copolymerisation of Ptâ€“carbonyl clusters with Lewis acids: synthesis and crystal structure of the molecular {Cd2Cl4[Pt9(CO)18]2â^'}â^ž1-D polymer. Chemical Communications, 2006, , 2135-2137.	4.1	30
30	New Ni-Pt Carbonyl Clusters with a Tetrahedron of Platinum Atoms Encapsulated in an Incomplete Tetrahedron of Nickel Atoms: [Ni36Pt4(CO)45]6â^' and [Ni37Pt4(CO)46]6â^'. Angewandte Chemie - International Edition, 1999, 38, 531-533.	13.8	29
31	Homoleptic Carbonyl Niâ€“Pd Clusters: Synthesis of [Ni ₁₆ Pd ₁₆ (CO) ₄₀] ^{4â^'} and [Ni ₂₆ Pd ₂₀ (CO) ₅₄] ^{6â^'} and Structural Characterization of [N n Bu ₄] <s. Angewandte Chemie - International Edition, 2000, 39, 1635-1637.	13.8	29
32	New Hybrid Semiconductor Materials Based on Viologen Salts of Bimetallic Feâ€“Pt and Feâ€“Au Carbonyl Clusters: First Structural Characterization of the Diradical Ï€-Dimer of the Diethylviologen Monocation and EPR Evidence of its Triplet State. Chemistry - A European Journal, 2007, 13, 6544-6554.	3.3	28
33	Conformational Studies by Dynamic NMR. 78.1Stereomutation of the Helical Enantiomers of Trigonal Carbon Diaryl-Substituted Compounds:Â Dimesitylketone, Dimesitylthioketone, and Dimesitylethylene. Journal of Organic Chemistry, 2001, 66, 488-495.	3.2	27
34	From Mononuclear Complexes to Molecular Nanoparticles: The Buildup of Atomically Precise Heterometallic Rhodium Carbonyl Nanoclusters. Accounts of Chemical Research, 2018, 51, 2748-2755.	15.6	26
35	PPh₃-Derivatives of [Pt_{3n}(CO)_{6n}]^{2â€“} (n = 2â€“6) Chiniâ€™s Clusters: Syntheses, Structures, and ³¹P NMR Studies. Inorganic Chemistry, 2013, 52, 4384-4395.	4.0	25
36	New high-nuclearity Niâ€“Pt carbonyl clusters: synthesis and X-ray structure of the ordered [HNi24Pt17(CO)46]5â^'and the substitutionally Ni/Pt disordered [Ni32Pt24(CO)56]6â^'cluster anions. Chemical Communications, 2004, , 2274-2275.	4.1	24

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37	Sn-centred icosahedral Rh carbonyl clusters: synthesis and structural characterization and 13Câ€“{103Rh} HMQC NMR studies. Dalton Transactions, 2007, , 3914.	3.3	24
38	The problems of detecting hydrides in metal carbonyl clusters by 1H NMR: the case study of [H4â^'nNi22(C2)4(CO)28(CdBr)2]nâ^' (n = 2â€“4). Dalton Transactions, 2009, , 4245.	3.3	24
39	Copolymerization of Fe4Cu2C(CO)12 moieties with bidentate N-ligands: synthesis and crystal structure of the [Fe4Cu2(Î¼6-C)(CO)12(Î¼-bipy)]4Â·8THF square tetramer and the infinite [Fe4Cu2(Î¼6-C)(CO)12(Î¼-Lâ€¦]â^ž zigzag chains. Dalton Transactions, 2009, , 1509.	3.3	24
40	Surface decorated platinum carbonyl clusters. Nanoscale, 2012, 4, 4166.	5.6	24
41	Synthesis, Structure, and Spectroscopic Characterization of [H_{8â^'n}Rh₂₂(CO)₃₅]^{nâ^'}(n= 4, 5) and [H₂Rh₁₃(CO)₂₄{Cu(MeCN)}₂]^{â^'}Clusters: Assessment of CV and DPV As Techniques to Circumstantiate the Presence of Elusive Hydride Atoms. Inorganic Chemistry, 2011, 50, 2790-2798.	4.0	23
42	Bimetallic Feâ€“Au Carbonyl Clusters Derived from Collmanâ€™s Reagent: Synthesis, Structure and DFT Analysis of Fe(CO)4(AuNHC)2 and [Au3Fe2(CO)8(NHC)2]â^'. Journal of Cluster Science, 2017, 28, 703-723.	3.3	23
43	Heteroleptic Chini-Type Platinum Clusters: Synthesis and Characterization of Bis-Phosphine Derivatives of [Pt_{3n}(CO)_{6n}]^{2â€“} (n = 2â€“4). Inorganic Chemistry, 2017, 56, 1655-1668.	4.0	22
44	Tuning Electronic Behavior of Carbonyl Metal Clusters by Substitution of Interstitial and Capping Atoms. Angewandte Chemie - International Edition, 2002, 41, 3685-3688.	13.8	21
45	Intramolecular d¹⁰â€“d¹⁰ Interactions in a Ni₆C(CO)₉(AuPPh₃)₄ Bimetallic Nickelâ€“Gold Carbide Carbonyl Cluster. Inorganic Chemistry, 2013, 52, 10559-10565.	4.0	21
46	N-Heterocyclic carbene rhodium(<scp>i</scp>) complexes containing an axis of chirality: dynamics and catalysis. New Journal of Chemistry, 2014, 38, 1768-1779.	2.8	21
47	Interstitial Bismuth Atoms in Icosahedral Rhodium Cages: Syntheses, Characterizations, and Molecular Structures of the [Bi@Rh₁₂(CO)₂₇]^{3â€“}, [(Bi@Rh₁₂(CO)₂₆)₂Bi]^{5â€“}, [Bi@Rh₁₄(CO)₂₇Bi₂]^{3â€“}, and [Bi@Rh₁₇(CO)₃₃Bi₂]^{4â€“} Carbonyl Clusters. Inorganic Chemistry, 2011, 50, 6343-6351.	4.0	21
48	Polymerization Isomerism in [{MFe(CO)₄}_n]^{nâ^'} (M =) Tj ETQq0 0 0 rgBT /Overloch Chemistry, 2019, 58, 2911-2915.	4.0	21
49	The loss of CO from [Rh12(Î¼12-Sn)(CO)27]4â^': Synthesis, spectroscopic and structural characterization of the electron-deficient, icosahedral [Rh12(Î¼12-Sn)(CO)25]4â^' and [Rh12(Î¼12-Sn)(CO)26]4â^' tetra-anions. Dalton Transactions, 2009, , 2217.	3.3	20
50	Nickel poly-acetylide carbonyl clusters: structural features, bonding and electrochemical behaviour. Dalton Transactions, 2012, 41, 4649.	3.3	20
51	Platinum carbonyl clusters stabilized by Sn(<scp>ii</scp>)-based fragments: syntheses and structures of [Pt₆(CO)₆(SnCl₂)₂(SnCl₃)₄]^{4â^'}, [Pt₉(CO)₈(SnCl₂)₃(SnCl₃)₂(Cl₂SnOCOS[Pt₁₀(CO)₁₄{Cl₂Sn(OH)SnCl₂}₂]^{2â^'}. Dalton Transactions, 2016, 45, 5001-5013.	3.3	20
52	Synthesis and characterization of new paramagnetic nickel carbonyl clusters containing antimony atoms: X-ray structure of [NEt3CH2Ph]2[Ni15(Î¼12-Sb)(CO)24] and [NEt4]3[Ni10Sb2(Î¼12-Ni)(CO)18]. Journal of Organometallic Chemistry, 2000, 593-594, 325-334.	1.8	19
53	A high-nuclearity Niâ€“Sb carbonyl cluster displaying unprecedented metal stereochemistries: synthesis and X-ray structure of [NEt4]6[Ni31Sb4(CO)40]Â·2 Me2CO. Chemical Communications, 2000, , 655-656.	4.1	19
54	New high-nuclearity Niâ€“Pt carbonyl clusters: synthesis and X-ray structure of the ordered [Ni24Pt14(CO)44]4â€“ and the substitutionally Ni/Pt disordered [Ni10(Ni6â€“xPtx)Pt8(CO)30]4â€“ (x = 1.92) tetraanions. Chemical Communications, 2001, , 1776-1777.	4.1	19

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55	Dirhodium(II) carboxylate complexes as building blocks. Synthesis of dimeric species as connectors for macrocycles. Inorganic Chemistry Communication, 2001, 4, 16-18.	3.9	19
56	Title is missing!. Journal of Cluster Science, 2001, 12, 75-87.	3.3	19
57	Thiocamptothecin. Journal of Medicinal Chemistry, 2008, 51, 3040-3044.	6.4	19
58	Octahedral Co-Carbide Carbonyl Clusters Decorated by [AuPPh₃]⁺ Fragments: Synthesis, Structural Isomerism, and Aurophilic Interactions of Co₆C(CO)₁₂(AuPPh₃)₄. Inorganic Chemistry, 2014, 53, 9761-9770.	4.0	19
59	Synthesis, Structures and Electrochemistry of New Carbonylnickel Octacarbide Clusters: The Distorting Action of Carbide Atoms in the Growth of Ni Cages and the First Example of the Inclusion of a Carbon Atom within a (Distorted) Ni Octahedral Cage. European Journal of Inorganic Chemistry, 2010, 2010, 4831-4842.	2.0	18
60	A new gold(III)-aminoethyl imidazolium aurate salt: Synthesis, characterization and reactivity. Inorganica Chimica Acta, 2010, 363, 2055-2064.	2.4	18
61	Synthesis, Structure, and Electrochemistry of the Niâ€“Au Carbonyl Cluster [Ni₁₂Au(CO)₂₄]^{3â€“} and Its Relation to [Ni₃₂Au₆(CO)₄₄]^{6â€“}. Inorganic Chemistry, 2012, 51, 11753-11761.	4.0	18
62	Metal Segregation in Bimetallic Coï£¿Pd Carbide Carbonyl Clusters: Synthesis, Structure, Reactivity and Electrochemistry of [H_{6â^'n}Co₂₀Pd₁₆C₄(CO)₄₈]^{nâ^'} (n=3â€“6). ChemPlusChem, 2013, 78, 1456-1465.	2.8	18
63	Homoleptic and heteroleptic Au(i) complexes containing the new [Co5C(CO)12]â^' cluster as ligand. Dalton Transactions, 2014, 43, 9633.	3.3	18
64	Functionalization, Modification, and Transformation of Platinum Chini Clusters. European Journal of Inorganic Chemistry, 2018, 2018, 3285-3296.	2.0	18
65	Dirhodium(II) carboxylates as building blocks. Synthesis and structures of cis-chelate complexes. Dalton Transactions RSC, 2000, , 4343-4347.	2.3	17
66	Synthesis of new central and planar chiral enantiomerically pure 5-ferrocenyl-oxazolines and a 5-ferrocenyl-thiazoline. Tetrahedron: Asymmetry, 2004, 15, 1133-1140.	1.8	17
67	Characterization of Ironâ^'Carbonyl-Protected Gold Clusters. Journal of the American Chemical Society, 2009, 131, 12573-12575.	13.7	17
68	Title is missing!. Journal of Cluster Science, 2001, 12, 61-74.	3.3	16
69	Asymmetric version of P-S to P-C [1,3]-sigmatropic rearrangement in the ferrocene series. Tetrahedron: Asymmetry, 2005, 16, 3003-3010.	1.8	16
70	The Magnetic Behaviour of [NnBu4]4[Ni16Pd16(CO)40]: An Even-Electron Homoleptic Carbonyl-Metal Cluster Anion Displaying aJ=2 Ground State. Chemistry - A European Journal, 2005, 11, 2856-2861.	3.3	16
71	Unprecedented two-step synthesis of symmetrical diarylamines from 2-alkyl-1,3-dinitropropanes. Tetrahedron Letters, 2006, 47, 2295-2297.	1.4	16
72	Synthesis and Electrochemistry of New Rh-Centered and Conjuncto Rhodium Carbonyl Clusters. X-ray Structure of [NEt₄]₃[Rh₁₅(CO)₂₇], [NEt₄]₃[Rh₁₅(CO)₂₅(MeCN)₂]Â·2MeCN, and [NEt₄]₃[Rh₁₇(CO)₃₇]. Inorganic Chemistry, 2007, 46, 7971-7981.	4.0	16

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73	New High-Nuclearity Carbonyl and Carbonyl-Substituted Rhodium Clusters and Their Relationships with Polyicosahedral Carbonyl-Substituted Palladium- and Gold-Thiolates. Inorganic Chemistry, 2012, 51, 11214-11216.	4.0	16
74	Niâ€“Cu tetracarbide carbonyls with vacant Ni(CO) fragments as borderline compounds between molecular and quasi-molecular clusters. Dalton Transactions, 2013, 42, 407-421.	3.3	16
75	Reactions of Platinum Carbonyl Chini Clusters with Ag(NHC)Cl Complexes: Formation of Acidâ€“Base Lewis Adducts and Heteroleptic Clusters. Inorganic Chemistry, 2017, 56, 6532-6544.	4.0	16
76	Synthesis and Characterization of Heterobimetallic Carbonyl Clusters with Direct Auâ€Fe and AuÂ·Â·Â·Au Interactions Supported by Nâ€Heterocyclic Carbene and Phosphine Ligands. European Journal of Inorganic Chemistry, 2019, 2019, 3084-3093.	2.0	16
77	Condensation of Nickelâ€“Carbonyl Clusters with Soft Lewis Acids: Synthesis and Characterisation of the {Cd2Cl3[Ni6(CO)12]2}3â€“ Dimer. European Journal of Inorganic Chemistry, 2007, 2007, 4064-4070.	2.0	15
78	Diastereoselective, Oneâ€Pot Synthesis of Polyfunctionalized Bicyclo[3.3.1]nonanes by an Anionic Domino Process. Chemistry - A European Journal, 2009, 15, 7867-7870.	3.3	15
79	Bimetallic Nickelâ€“Cobalt Hexacarbido Carbonyl Clusters [H_{6â€“n}Ni₂₂Co₆C₆(CO)₃₆]^{nâ^'} (n = 3â€“6) Possessing Polyhydride Nature and Their Base-Induced Degradation to the Monoacetylide [Ni₉CoC₂(CO)_{16â€“x}]^{3â€“} (x) Tj ETQq1 1 0.784314	2.3	15
80	Peraurated nickel carbide carbonyl clusters: the cationic [Ni₆(C)(CO)₈(AuPPh₃)₈]²⁺monocarbide and the [Ni₁₂(C)(C₂)(CO)₁₇(AuPPh₃)₃]^{â^'}anion containing one carbide and one acetylide unit. Dalton Transactions, 2014, 43, 13471.	3.3	15
81	New Findings in the Chemistry of Iron Carbonyls: The Previously Unreported [H4â^'nFe4(CO)12]nâ^' (n = 1,) Tj ETQq1 1 0.784314 rgB 1599-1605.	4.0	14
82	Icosahedral Ga-Centred Nickel Carbonyl Clusters: Synthesis and Characterization of [H3-nNi12(Î¼12-Ga)(CO)22]n-(n= 2, 3) and [Ni14.3(Î¼12-Ga)(CO)24.3]3-Anions. European Journal of Inorganic Chemistry, 2010, 2010, 1056-1062.	2.0	14
83	Primary amino-functionalized N-heterocyclic carbene ligands as support for Au(i)â‹¯Au(i) interactions: structural, electrochemical, spectroscopic and computational studies of the dinuclear [Au2(NH2(CH2)2imMe)2][NO3]2. Dalton Transactions, 2012, 41, 2445.	3.3	14
84	Tetrahedral [H_nPt₄(CO)₄(P^{â^§}P)₂]ⁿ⁺ (n = 1, 2; P^{â^§}P = CH₂â•C(PPh₂)₂) Cationic Mono- and Dihydrido Carbonyl Clusters Obtained by Protonation of the Neutral Pt₄(CO)₄(P^{â^§}P)₂. Organometallics, 2013, 32, 5180-5189.	2.3	14
85	Structural rearrangements induced by acidâ€“base reactions in metal carbonyl clusters: the case of [H_{3â^'n}Co₁₅Pd₉C₃(CO)₃₈]^{nâ^'}(n) Tj ETQq1 1 0.784314	3.3	14
86	Syntheses of [Pt₆(CO)₈(SnCl₂)(SnCl₃)₄]^{4â€“} and [Pt₆(CO)₈(SnCl₂)(SnCl₃)₂(PPh₃)₂]<sup>2	2.0	14
87	Platinumâ€“Carbonyl Clusters Decorated by Sn^{II} Fragments. European Journal of Inorganic Chemistry, 2016, 2016, 3939-3949. Synthesis of the Highly Reduced [Fe₆C(CO)₁₅]^{4â€“} Carbonyl Carbide Cluster and Its Reactions with H⁺ and [Au(PPh₃)]⁺. European Journal of Inorganic Chemistry, 2017, 2017, 3135-3143.	2.0	14
88	Crystal Structure of the 9-Anthraceneâ€“Carboxylic Acid Photochemical Dimer and Its Solvates by X-ray Diffraction and Raman Microscopy. Crystal Growth and Design, 2017, 17, 3361-3370.	3.0	14
89	A Comparative Experimental and Computational Study of Heterometallic Fe-M (M = Cu, Ag, Au) Carbonyl Clusters Containing N-Heterocyclic Carbene Ligands. European Journal of Inorganic Chemistry, 2020, 2020, 2191-2202.	2.0	14
90	Polycarbide nickel clusters containing interstitial Ni(Î·2-C2)4 and Ni2(Î¼-Î·2-C2)4 acetylide moieties: mimicking the supersaturated Niâ€“C solutions preceding the catalytic growth of CNTs with the structures of [HNi25(C2)4(CO)32]3â^' and [Ni22(C2)4(CO)28Cl]3â^'. Chemical Communications, 2008, , 3157.	4.1	13

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91	Cadmium-substitution promoted by nucleophilic attack of [Ni30C4(CO)34(CdX)2]6â^' (X=Cl, Br, I) carbido carbonyl clusters: Synthesis and characterization of the new [H7â^'nNi32C4(CO)36(CdX)]nâ^' (X=Cl, Br, I;) Tj ETQq1 1 0.784314 rgBT /O	2.1	14
92	Alternative synthetic route for the heterometallic CO-releasing [Sb@Rh12(CO)27]3â^' icosahedral carbonyl cluster and synthesis of its new unsaturated [Sb@Rh12(CO)24]4â^' and dimeric [{Sb@Rh12Sb(CO)25}2Rh(CO)2PPh3]7â^' derivatives. Progress in Natural Science: Materials International, 2016, 26, 461-466.	4.4	13
93	Highly Active Catalysts Based on the Rh4(CO)12 Cluster Supported on Ce0.5Zr0.5 and Zr Oxides for Low-Temperature Methane Steam Reforming. Catalysts, 2019, 9, 800.	3.5	13
94	Thermal Growth of Auâ€“Fe Heterometallic Carbonyl Clusters Containing N-Heterocyclic Carbene and Phosphine Ligands. Inorganic Chemistry, 2020, 59, 2228-2240.	4.0	13
95	Dirhodium(II) carboxylates as building blocks. Macrocyclic dimers with vertically stacked Rh24+ units. Dalton Transactions RSC, 2000, , 4244-4246.	2.3	12
96	Synthesis and structure of [EtV+â€¢]5[Ag12(Î¼12-Ag){Î¼3-Fe(CO)4}8]Â·4 DMF: the missing [Ag13Fe8(CO)32]5â€“ pentaanion as ethylviologen (EtV) salt. Comptes Rendus Chimie, 2005, 8, 1645-1654.	0.5	12
97	Hetero-Bimetallic Ni-Rh Carbido Carbonyl Clusters: Synthesis, Structure and13C NMR of [Ni10Rh2C(CO)20]2-, [Ni9Rh3C(CO)20]3-and [Ni6Rh8(C2)2(CO)24]4-. European Journal of Inorganic Chemistry, 2009, 2009, 2487-2495.	2.0	12
98	Selective synthesis of the [Ni36Co8C8(CO)48]6â^' octa-carbide carbonyl cluster by thermal decomposition of the [H2Ni22Co6C6(CO)36]4â^' hexa-carbide. Dalton Transactions, 2013, 42, 9662.	3.3	12
99	The Redox Chemistry of [Co₆C(CO)₁₅]^{2â€“}: A Synthetic Route to New Co-Carbide Carbonyl Clusters. Inorganic Chemistry, 2014, 53, 3818-3831.	4.0	12
100	Co5C and Co4C carbido carbonyl clusters stabilized by [AuPPh3]+ fragments. Inorganica Chimica Acta, 2015, 428, 203-211.	2.4	12
101	Redox active Niâ€“Pd carbonyl alloy nanoclusters: syntheses, molecular structures and electrochemistry of [Ni_{22â^'x}Pd_{20+x}(CO)₄₈]^{6â^'} (x = 0.62), [Ni_{29â^'x}Pd_{6+x}(CO)₄₂]^{6â^'} (x =) Tj ETQq1 1 0.784314 rgBT /O Dalton Transactions, 2020, 49, 5513-5522.	3.5	12
102	1,3â€Dipolar Cycloaddition of Nitrile Imines with Cyclic Î±â€²,Î²â€²Unsaturated Ketones: A Regiochemical Route to Ringâ€Fused Pyrazoles. European Journal of Organic Chemistry, 2011, 2011, 4806-4813.	2.4	11
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104	Molecular nickel poly-carbide carbonyl nanoclusters: The octa-carbide [HNi42C8(CO)44(CuCl)]7â€“ and the deca-carbide [Ni45C10(CO)46]6â€“. Journal of Organometallic Chemistry, 2016, 812, 229-239.	1.8	11
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