Hai-Ping Xia

List of Publications by Year
in descending order

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		50276	85541
185	7,231	46	71
papers	citations	h-index	g-index

204	204	204	4036
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stabilization of anti-aromatic and strained five-membered rings with a transition metal. Nature Chemistry, 2013, 5, 698-703.	13.6	244
2	Planar MÃ¶bius aromatic pentalenes incorporating 16 and 18 valence electron osmiums. Nature Communications, 2014, 5, 3265.	12.8	169
3	Electric fieldâ€“induced selective catalysis of single-molecule reaction. Science Advances, 2019, 5, eaaw3072.	10.3	161
4	Mechanoresponsive Healable Metallosupramolecular Polymers. Macromolecules, 2013, 46, 8649-8656.	4.8	156
5	The Chemistry of Aromatic Osmacycles. Accounts of Chemical Research, 2014, 47, 341-354.	15.6	153
6	Carbolong Chemistry: A Story of Carbon Chain Ligands and Transition Metals. Accounts of Chemical Research, 2018, 51, 1691-1700.	15.6	132
7	Multi-responsive self-healing metallo-supramolecular gels based on â€œclickâ€•ligand. Journal of Materials Chemistry, 2012, 22, 11515.	6.7	130
8	Metallaaromatic Chemistry: History and Development. Chemical Reviews, 2020, 120, 12994-13086.	47.7	130
9	Osmabenzenes from the Reactions of HCâ‰¡CCH(OH)Câ‰¡CH with OsX2(PPh3)3 (X = Cl, Br). Journal of the American Chemical Society, 2004, 126, 6862-6863.	13.7	129
10	Nanographeneâ€“Osmapentalyne Complexes as a Cathode Interlayer in Organic Solar Cells Enhance Efficiency over 18%. Advanced Materials, 2021, 33, e2101279.	21.0	129
11	Ïƒâ€Aromaticity in an Unsaturated Ring: Osmapentalene Derivatives Containing a Metallacyclopropene Unit. Angewandte Chemie - International Edition, 2015, 54, 3102-3106.	13.8	119
12	Selective Synthesis of Osmanaphthalene and Osmanaphthalyne by Intramolecular Cï£¿H Activation. Angewandte Chemie - International Edition, 2009, 48, 5461-5464.	13.8	106
13	Identifying the Active Site of N-Doped Graphene for Oxygen Reduction by Selective Chemical Modification. ACS Energy Letters, 2018, 3, 986-991.	17.4	102
14	Effect of the polycarbosilane structure on its final ceramic yield. Journal of the European Ceramic Society, 2008, 28, 887-891.	5.7	99
15	Stabilizing Two Classical Antiaromatic Frameworks: Demonstration of Photoacoustic Imaging and the Photothermal Effect in Metallaâ€aromatics. Angewandte Chemie - International Edition, 2015, 54, 6181-6185.	13.8	99
16	Synthesis and Characterization of Stable Ruthenabenzenes. Angewandte Chemie - International Edition, 2006, 45, 2920-2923.	13.8	95
17	Osmapyridine and Osmapyridinium from a Formal [4+2] Cycloaddition Reaction. Angewandte Chemie - International Edition, 2009, 48, 5430-5434.	13.8	92
18	Tuning an Electrode Work Function Using Organometallic Complexes in Inverted Perovskite Solar Cells. Journal of the American Chemical Society, 2021, 143, 7759-7768.	13.7	85

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19	Synthesis and Characterization of Stable Ruthenabenzenes Starting from HCâ‹®CCH(OH)Câ‹®CH. Organometallics, 2007, 26, 2705-2713.	2.3	84
20	Polymerâ€“ceramic conversion of a highly branched liquid polycarbosilane for SiC-based ceramics. Journal of Materials Science, 2008, 43, 2806-2811.	3.7	83
21	pHâ€Switchable Inversion of the Metalâ€Centered Chirality of Metallabenzenes: Opposite Stereodynamics in Reactions of Ruthenabenzene with <scp>L</scp>â€•and <scp>D</scp>â€Cysteine. Chemistry - A European Journal, 2011, 17, 2420-2427.	3.3	78
22	A Metalâ€Bridged Tricyclic Aromatic System: Synthesis of Osmium Polycyclic Aromatic Complexes. Angewandte Chemie - International Edition, 2014, 53, 6232-6236.	13.8	77
23	CCCCC pentadentate chelates with planar MÃ¶bius aromaticity and unique properties. Science Advances, 2016, 2, e1601031.	10.3	74
24	Thiophene-fused bowl-shaped polycyclic aromatics with a dibenzo[a,g]corannulene core for organic field-effect transistors. Chemical Communications, 2015, 51, 1681-1684.	4.1	72
25	Synthesis and Characterization of a Metallapyridyne Complex. Angewandte Chemie - International Edition, 2012, 51, 9838-9841.	13.8	71
26	Synthesis and Characterization of Bimetallic Ruthenium Complexes with (CH)6and Related Bridges. Organometallics, 2003, 22, 737-743.	2.3	69
27	Synthesis, Characterization, and Pyrolytic Conversion of a Novel Liquid Polycarbosilane. Journal of the American Ceramic Society, 2008, 91, 3298-3302.	3.8	69
28	A general route to nanocrystal kebabs periodically assembled on stretched flexible polymer shish. Science Advances, 2015, 1, e1500025.	10.3	69
29	Fiveâ€Membered Cyclic Metal Carbyne: Synthesis of Osmapentalynes by the Reactions of Osmapentalene with Allene, Alkyne, and Alkene. Angewandte Chemie - International Edition, 2015, 54, 7189-7192.	13.8	66
30	Formation of Four Conjugated Osmacyclic Species in a One-Pot Reaction. Organometallics, 2008, 27, 2584-2589.	2.3	64
31	Annulation of Metallabenzenes: From Osmabenzene to Osmabenzothiazole to Osmabenzoxazole. Angewandte Chemie - International Edition, 2009, 48, 6453-6456.	13.8	62
32	Synthesis, Characterization and Electrochemical Properties of Stable Osmabenzenes Containing PPh₃ Substituents. Chemistry - A European Journal, 2009, 15, 3546-3559.	3.3	60
33	New Highly Stable Metallabenzenes via Nucleophilic Aromatic Substitution Reaction. Chemistry - A European Journal, 2011, 17, 4223-4231.	3.3	59
34	Switching of Charge Transport Pathways via Delocalization Changes in Single-Molecule Metallacycles Junctions. Journal of the American Chemical Society, 2017, 139, 14344-14347.	13.7	59
35	Multicenterâ€Bondâ€Based Quantum Interference in Charge Transport Through Singleâ€Molecule Carborane Junctions. Angewandte Chemie - International Edition, 2019, 58, 10601-10605.	13.8	59
36	Stable Isoâ€osmabenzenes from a Formal [3+3] Cycloaddition Reaction of Metal Vinylidene with Alkynols. Angewandte Chemie - International Edition, 2011, 50, 1354-1358.	13.8	58

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37	Reactions of Isocyanides with Metal Carbyne Complexes: Isolation and Characterization of Metallacyclopropenimine Intermediates. Journal of the American Chemical Society, 2017, 139, 1822-1825.	13.7	57
38	Key Intermediates of Iodineâ€Mediated Electrophilic Cyclization: Isolation and Characterization in an Osmabenzene System. Angewandte Chemie - International Edition, 2013, 52, 9251-9255.	13.8	56
39	Structure and properties of polyamidoamine/polyacrylonitrile composite nanofiltration membrane prepared by interfacial polymerization. Separation and Purification Technology, 2012, 96, 229-236.	7.9	55
40	Corannulene derivatives with low LUMO levels and dense convexâ€“concave packing for n-channel organic field-effect transistors. Chemical Communications, 2015, 51, 13768-13771.	4.1	55
41	Synthesis and Characterization of Trimetallic Ruthenium and Bimetallic Osmium Complexes with Metalâ^'Vinyl Linkages. Organometallics, 2005, 24, 562-569.	2.3	54
42	An Unconventional Route to Monodisperse and Intimately Contacted Semiconducting Organicâ€“Inorganic Nanocomposites. Angewandte Chemie - International Edition, 2015, 54, 4636-4640.	13.8	54
43	An osmium-peroxo complex for photoactive therapy of hypoxic tumors. Nature Communications, 2022, 13, 2245.	12.8	53
44	Multiyne chains chelating osmium via three metal-carbon Ïƒ bonds. Nature Communications, 2017, 8, 1912.	12.8	51
45	Reversible Switching between Destructive and Constructive Quantum Interference Using Atomically Precise Chemical Gating of Single-Molecule Junctions. Journal of the American Chemical Society, 2021, 143, 9385-9392.	13.7	50
46	Osmabenzenes from Osmacycles Containing an Î·²â€Coordinated Olefin. Chemistry - A European Journal, 2009, 15, 6258-6266.	3.3	48
47	Preparation, cross-linking and ceramization of AHPCS/Cp2ZrCl2 hybrid precursors for SiC/ZrC/C composites. Journal of the European Ceramic Society, 2012, 32, 1291-1298.	5.7	48
48	Manganese(I)-Catalyzed Transfer Hydrogenation and Acceptorless Dehydrogenative Condensation: Promotional Influence of the Uncoordinated N-Heterocycle. Organometallics, 2019, 38, 3218-3226.	2.3	47
49	Nine-Membered Osmacycles Derived from Metathesis Reactions between Alkynes and an Osmafuran. Organometallics, 2009, 28, 1524-1533.	2.3	46
50	Synthesis, Characterization, and Electrochemical Properties of Bisosmabenzenes Bridged by Diisocyanides. Organometallics, 2010, 29, 2916-2925.	2.3	46
51	Halogenation of carbyne complexes: isolation of unsaturated metallaiodirenium ion and metallabromirenium ion. Chemical Science, 2016, 7, 1815-1818.	7.4	45
52	Synthesis and Characterization of a Metallacyclic Framework with Three Fused Fiveâ€membered Rings. Angewandte Chemie - International Edition, 2017, 56, 9067-9071.	13.8	45
53	Ïƒâ€Aromaticity in an Unsaturated Ring: Osmapentalene Derivatives Containing a Metallacyclopropene Unit. Angewandte Chemie, 2015, 127, 3145-3149.	2.0	44
54	Nucleophilic Aromatic Addition Reactions of the Metallabenzenes and Metallapyridinium: Attacking Aromatic Metallacycles with Bis(diphenylphosphino)methane to Form Metallacyclohexadienes and Cyclic Î·²â€Alleneâ€Coordinated Complexes. Chemistry - A European Journal, 2010, 16, 6999-7007.	3.3	42

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55	Conversions of Osmabenzyne and Isoosmabenzene. Chemistry - A European Journal, 2012, 18, 11597-11603.	3.3	42
56	cineâ€Substitution Reactions of Metallabenzenes: An Experimental and Computational Study. Chemistry - A European Journal, 2013, 19, 10982-10991.	3.3	42
57	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. Journal of Materials Chemistry B, 2018, 6, 2528-2535.	5.8	42
58	Addition of alkynes and osmium carbynes towards functionalized dï€â€“pï€ conjugated systems. Nature Communications, 2020, 11, 4651.	12.8	41
59	Preparation of Siâ€“Câ€“Nâ€“Fe magnetic ceramic derived from iron-modified polysilazane. Ceramics International, 2012, 38, 6815-6822.	4.8	40
60	Identifying the Conformational Isomers of Single-Molecule Cyclohexane at Room Temperature. CheM, 2020, 6, 2770-2781.	11.7	40
61	Theoretical Study on the Stability and Aromaticity of Metallasilapentalynes. Organometallics, 2014, 33, 1845-1850.	2.3	39
62	Metallapentalenofurans and Lactoneâ€Fused Metallapentalynes. Chemistry - A European Journal, 2017, 23, 6426-6431.	3.3	39
63	Metallaaromatics Containing Mainâ€group Heteroatoms. Chinese Journal of Chemistry, 2018, 36, 93-105.	4.9	39
64	Constraint of a ruthenium-carbon triple bond to a five-membered ring. Science Advances, 2018, 4, eaat0336.	10.3	38
65	Selective Difunctionalization of Unactivated Aliphatic Alkenes Enabled by a Metalâ€“Metallaaromatic Catalytic System. Journal of the American Chemical Society, 2022, 144, 2301-2310.	13.7	38
66	Conversion of a Hydridoâ€“Butenylcarbyne Complex to Î·2-Allene-Coordinated Complexes and Metallabenzenes. Organometallics, 2013, 32, 3993-4001.	2.3	37
67	Photo-excitable hybrid nanocomposites for image-guided photo/TRAIL synergistic cancer therapy. Biomaterials, 2018, 176, 60-70.	11.4	37
68	Isolation of an Elevenâ€Atom Polydentate Carbonâ€Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne. Angewandte Chemie - International Edition, 2018, 57, 3154-3157.	13.8	36
69	Synthesis and Characterization of an Air-Stable p-Osmaphenol. Organometallics, 2008, 27, 309-311.	2.3	35
70	Synthesis and properties of liquid polycarbosilanes with hyperbranched structures. Journal of Applied Polymer Science, 2009, 113, 1611-1618.	2.6	35
71	Synthesis of Coordinated Î·²-Î±,Î²-Unsaturated Ketone Osmacycles from an Osmium-Coordinated Alkyne Alcohol Complex. Organometallics, 2009, 28, 1101-1111.	2.3	35
72	Synthesis and ceramic conversion of a novel processible polyboronsilazane precursor to SiBCN ceramic. Ceramics International, 2012, 38, 4635-4643.	4.8	35

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73	Rational Design and Synthesis of Unsaturated Seâ€Containing Osmacycles with Ïƒâ€Aromaticity. Chemistry - A European Journal, 2018, 24, 2389-2395.	3.3	35
74	A Triple-Decker Complex with a Central Metallabenzene. Angewandte Chemie - International Edition, 2002, 41, 1589-1591.	13.8	34
75	Unimolecular micelles composed of inner coil-like blocks and outer rod-like blocks crafted by combination of living polymerization with click chemistry. Polymer Chemistry, 2014, 5, 2747-2755.	3.9	34
76	Electric-Field-Induced Connectivity Switching in Single-Molecule Junctions. IScience, 2020, 23, 100770.	4.1	34
77	mâ€Metallaphenol: Synthesis and Reactivity Studies. Chemistry - A European Journal, 2014, 20, 4363-4372.	3.3	33
78	Constructing canopy-shaped molecular architectures to create local Pt surface sites with high tolerance to H₂S and CO for hydrogen electrooxidation. Energy and Environmental Science, 2018, 11, 166-171.	30.8	32
79	Synthesis of Fused Metallaaromatics via Intramolecular Câ€“H Activation of Thiophenes. Organometallics, 2016, 35, 1497-1504.	2.3	31
80	Synthesis and Characterization of a Novel Dialdehyde and Cyclic Anhydride. Journal of Organic Chemistry, 2008, 73, 2883-2885.	3.2	30
81	Dynamic Polymer Network System Mediated by Radically Exchangeable Covalent Bond and Carbolong Complex. ACS Macro Letters, 2020, 9, 344-349.	4.8	30
82	Effect of curing and pyrolysis processing on the ceramic yield of a highly branched polycarbosilane. Journal of Materials Science, 2009, 44, 721-725.	3.7	28
83	Double Stabilization of Highly Strained Six-Membered Rings by Phosphonium and Transition Metal. Chinese Journal of Organic Chemistry, 2013, 33, 657.	1.3	28
84	History and Development. Chinese Journal of Organic Chemistry, 2018, 38, 11.	1.3	28
85	Preparation of a hyperbranched polycarbosilane precursor to SiC ceramics following an efficient room-temperature cross-linking process. Journal of Materials Science, 2010, 45, 6151-6158.	3.7	27
86	From Osmium Hydrido Vinylidene to Osmacycles: The Key Role of Osmabutadiene Intermediates. Chemistry - an Asian Journal, 2013, 8, 269-275.	3.3	27
87	Amphipathic metal-containing macromolecules with photothermal properties. Polymer Chemistry, 2017, 8, 3674-3678.	3.9	27
88	â€œCarbolongâ€•polymers with near infrared triggered, spatially resolved and rapid self-healing properties. Polymer Chemistry, 2019, 10, 386-394.	3.9	27
89	Releasing Antiaromaticity in Metal-Bridgehead Naphthalene. Journal of the American Chemical Society, 2021, 143, 15587-15592.	13.7	26
90	Synthesis of Osmapyridiniums by [4+2] Cycloaddition Reaction between Osmium Alkenylcarbyne and Nitriles. Chinese Journal of Chemistry, 2012, 30, 2158-2168.	4.9	25

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91	Photothermal MÃ¶bius aromatic metallapentalenofuran and its NIR-responsive copolymer. Polymer Chemistry, 2018, 9, 2092-2100.	3.9	25
92	Synthesis of [TpRu(CO)(PPh3)]2(Î¼-CHî˜…CHî—¸CHî˜…CHî—¸C6H4î—¸CHî˜…CHî—¸CHî˜…CH) from Wittig reactions. Journal of Organometallic Chemistry, 2003, 683, 331-336.	1.8	24
93	Synthesis and Characterization of SiC(Ti) Ceramics Derived from a Hybrid Precursor of Titanium-Containing Polycarbosilane. Journal of Inorganic and Organometallic Polymers and Materials, 2011, 21, 412-420.	3.7	24
94	Reactions of Osmabenzene with Silver/Copper Acetylides: From Metallabenzene to Benzene. Chemistry - A European Journal, 2015, 21, 565-567.	3.3	24
95	Interconversion of Metallabenzenes and Cyclic Î·²â€Alleneâ€Coordinated Complexes. Chemistry - an Asian Journal, 2012, 7, 1915-1924.	3.3	23
96	Mechanistic Study of Indolizine Heterocycle Formation by Ruthenium(II)-Assisted Three-Component Cross-Coupling/Cyclization. Organometallics, 2013, 32, 3738-3743.	2.3	23
97	Synthesis of Fiveâ€Membered Osmacycloallenes and Conversion into Sixâ€Membered Osmacycloallenes. Angewandte Chemie - International Edition, 2013, 52, 13361-13364.	13.8	22
98	Synthesis of Five-Membered Osmacycles with Osmiumâ€“Vinyl Bonds from Hydrido Alkenylcarbyne Complexes. Organometallics, 2015, 34, 340-347.	2.3	22
99	Cylindrical NIR-Responsive Metallopolymer Containing MÃ¶bius Metalla-aromatics. ACS Macro Letters, 2018, 7, 1034-1038.	4.8	22
100	Highly Regio- and Stereoselective Tridentate N^CNN Cobalt-Catalyzed 1,3-Diyne Hydrosilylation. Organometallics, 2019, 38, 4341-4350.	2.3	22
101	Modularized Tuning of Charge Transport through Highly Twisted and Localized Single-Molecule Junctions. Journal of Physical Chemistry Letters, 2019, 10, 3453-3458.	4.6	22
102	Control of structure formation of polycarbosilane synthesized from polydimethylsilane by Kumada rearrangement. Journal of Applied Polymer Science, 2008, 108, 3114-3121.	2.6	21
103	Catalyst-free cross-coupling of N-tosylhydrazones with chromium(0) Fischer carbene complexes: a new approach to diarylethanone. Organic Chemistry Frontiers, 2015, 2, 1450-1456.	4.5	21
104	Membrane Fouling and Performance of Flat Ceramic Membranes in the Application of Drinking Water Purification. Water (Switzerland), 2019, 11, 2606.	2.7	21
105	A Bidentate Ru(II)-NC Complex as a Catalyst for Semihydrogenation of Alkynes to (E)-Alkenes with Ethanol. Organometallics, 2020, 39, 862-869.	2.3	21
106	Synthesis of Aromatic Aza-metallapentalenes from Metallabenzene via Sequential Ring Contraction/Annulation. Scientific Reports, 2015, 5, 9584.	3.3	20
107	Metallafurans and their synthetic chemistry. Science Bulletin, 2016, 61, 430-442.	9.0	20
108	Synthesis and Characterization of Photothermal Osmium Carbolong Complexes. Chemistry - A European Journal, 2018, 24, 8375-8381.	3.3	20

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109	One-pot syntheses of irida-polycyclic aromatic hydrocarbons. Chemical Science, 2019, 10, 10894-10899.	7.4	20
110	Synthesis, Structure, and Reactivity of an Osmacyclopentene Complex. Organometallics, 2014, 33, 5301-5307.	2.3	19
111	Fiveâ€Membered Cyclic Metal Carbyne: Synthesis of Osmapentalynes by the Reactions of Osmapentalene with Allene, Alkyne, and Alkene. Angewandte Chemie, 2015, 127, 7295-7298.	2.0	19
112	Synthesis of Cyclic Vinylidene Complexes and Azavinylidene Complexes by Formal [4+2] Cyclization Reactions. Chemistry - A European Journal, 2016, 22, 5363-5375.	3.3	19
113	Reactions of Cyclic Osmacarbyne with Coinage Metal Complexes. Organometallics, 2018, 37, 1788-1794.	2.3	19
114	Extension of the Simmonsâ€“Smith reaction to metal-carbynes: efficient synthesis of metallacyclopropenes with Ï*f*-aromaticity. Chemical Science, 2020, 11, 10159-10166.	7.4	19
115	Access to tetracyclic aromatics with bridgehead metals via metalla-click reactions. Science Advances, 2020, 6, eaay2535.	10.3	19
116	Progress in the synthesis and reactivity studies of metallabenzenes. Science Bulletin, 2004, 49, 1543-1553.	1.7	18
117	Synthesis of aromatic ruthenabenzothiophenes via Câ€“H activation of thiophenes. Dalton Transactions, 2016, 45, 913-917.	3.3	18
118	Modification of a liquid polycarbosilane with 9-BBN as a high-ceramic-yield precursor for SiC. Reactive and Functional Polymers, 2010, 70, 334-339.	4.1	17
119	Câˆ’H Bond Activation and Subsequent C(sp2)âˆ’C(sp3) Bond Formation: Coupling of Bromomethyl and Triphenylphosphine in an Iridium Complex. Organometallics, 2010, 29, 2904-2910.	2.3	17
120	Reactions of Osmium Hydrido Alkenylcarbyne with Allenoates: Insertion and [3 + 2] Annulation. Organometallics, 2015, 34, 1742-1750.	2.3	17
121	A simple and versatile approach to self-healing polymers and electrically conductive composites. RSC Advances, 2015, 5, 13261-13269.	3.6	17
122	Successive modification of polydentate complexes gives access to planar carbon- and nitrogen-based ligands. Nature Communications, 2019, 10, 1488.	12.8	17
123	Bis(phosphine)cobalt-Catalyzed Highly Regio- and Stereoselective Hydrosilylation of 1,3-Diynes. Organometallics, 2020, 39, 4437-4443.	2.3	17
124	Preparation of a liquid boronâ€modified polycarbosilane and its ceramic conversion to dense SiC ceramics. Polymers for Advanced Technologies, 2011, 22, 2409-2414.	3.2	16
125	Interconversion between Ruthenacyclohexadiene and Ruthenabenzene: A Combined Experimental and Theoretical Study. Organometallics, 2014, 33, 5606-5609.	2.3	16
126	Synthesis and Characterization of Osmium Polycyclic Aromatic Complexes via Nucleophilic Reactions of Osmapentalyne. Chinese Journal of Chemistry, 2017, 35, 628-634.	4.9	16

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127	Reactions of RuHCl(CO)(PPh3)3 with 1-alkynols. Preparation and reactivity of hydroxyvinyl complexes. Journal of Organometallic Chemistry, 1997, 538, 31-40.	1.8	15
128	In situ synthesis and microstructure characterization of TiCâ€“TiB2â€“SiC ultrafine composites from hybrid precursor. Materials Chemistry and Physics, 2012, 133, 946-953.	4.0	15
129	Electrophilic aromatic substitution reactions of compounds with Craig-MÃ¶bius aromaticity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
130	Synthesis of Olefinic Carbolong Complexes. Chinese Journal of Organic Chemistry, 2017, 37, 1181.	1.3	15
131	A Triple-Decker Complex with a Central Metallabenzene. Angewandte Chemie, 2002, 114, 1659-1661.	2.0	14
132	Size separation of Fe2O3 nanoparticles via membrane processing. Separation and Purification Technology, 2009, 66, 148-152.	7.9	14
133	Synthesis and characterization of a propargylâ€substituted polycarbosilane with high ceramic yield. Journal of Applied Polymer Science, 2011, 121, 3400-3406.	2.6	14
134	Synthesis and Characterization of a Metallacyclic Framework with Three Fused Fiveâ€membered Rings. Angewandte Chemie, 2017, 129, 9195-9199.	2.0	13
135	Reactions of Metallacyclopentadiene with Terminal Alkynes: Isolation and Characterization of Metallafulvenallene Complexes. Organometallics, 2019, 38, 3053-3059.	2.3	13
136	Rhodapentalenes: Pincer Complexes with Internal Aromaticity. IScience, 2019, 19, 1214-1224.	4.1	13
137	Metallacycle Expansion and Annulation: Access to <scp>TetrazoloâFused</scp> Osmacycles by Reaction of Cyclic Osmium Carbyne with Sodium Azide. Chinese Journal of Chemistry, 2021, 39, 3435-3442.	4.9	13
138	Off/On Fluorescent Chemosensors for Organotin Halides Based on Binuclear Ruthenium Complexes. Angewandte Chemie - International Edition, 2013, 52, 5599-5603.	13.8	12
139	Reactions of osmapyridinium with terminal alkynes. Organic Chemistry Frontiers, 2015, 2, 560-568.	4.5	12
140	Câ€“H Bond Functionalization of Benzoxazoles with Chromium(0) Fischer Carbene Complexes. Organometallics, 2016, 35, 1409-1414.	2.3	12
141	Synthesis and Characterization of an Osmapentalene Derivative Containing a Î²-Agostic OsÂ·Â·Hâ€“C(sp³) Interaction. Organometallics, 2018, 37, 618-623.	2.3	12
142	Alternation of Metalâ€Bridged Metallacycle Skeletons: From Ruthenapentalyne to Ruthenapentalene and Ruthenaindene Derivative. Chinese Journal of Chemistry, 2018, 36, 1156-1160.	4.9	12
143	Metallapentalenofuran: Shifting Metallafuran Rings Promoted by Substituent Effects. Chemistry - A European Journal, 2018, 24, 14531-14538.	3.3	12
144	Control of quantum interference in single-molecule junctions via Jahn-Teller distortion. Cell Reports Physical Science, 2021, 2, 100329.	5.6	12

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145	Synthesis, Characterization, and Reactivity of Metallaâ€Chalcogenirenium Compounds^{â€}. Chinese Journal of Chemistry, 2021, 39, 1558-1564.	4.9	12
146	Cobalt-Catalyzed (E)-Selective Hydrosilylation of 1,3-Enynes for the Synthesis of 1,3-Dienylsilanes. Organometallics, 2021, 40, 2070-2080.	2.3	12
147	Conjugated polymers based on metalla-aromatic building blocks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
148	Synthesis and characterization of a bimetallic iridium complex with a ten sp2-carbon chain bridge. Dalton Transactions, 2007, , 4122.	3.3	11
149	Synthesis and characterization of stable osmafuran starting from HCâ‰¡CCH(OH)Câ‰¡CH and OsHCl(CO)(PPh3)3. Science China Chemistry, 2010, 53, 1978-1981.	8.2	11
150	Synthesis and polymerâ€toâ€ceramic conversion of tailorable copolysilazanes. Journal of Applied Polymer Science, 2011, 122, 1286-1292.	2.6	11
151	Isolation of an Elevenâ€Atom Polydentate Carbonâ€Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne. Angewandte Chemie, 2018, 130, 3208-3211.	2.0	11
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