

Hai-Ping Xia

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Selective Difunctionalization of Unactivated Aliphatic Alkenes Enabled by a Metal- π -Metallaaromatic Catalytic System. <i>Journal of the American Chemical Society</i> , 2022, 144, 2301-2310.	13.7	38
2	Optically reconfigurable shape memory metallo-polymer mediated by a carbonyl complex and radically exchangeable covalent bond. <i>Polymer Chemistry</i> , 2022, 13, 1844-1851.	3.9	8
3	An osmium-peroxo complex for photoactive therapy of hypoxic tumors. <i>Nature Communications</i> , 2022, 13, 2245.	12.8	53
4	A π -Pot Strategy for the Synthesis of π^2 -Substituted Rhoda π - and Irida π -Carbonyl Complexes. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1777-1784.	4.9	8
5	Conjugated polymers based on metalla-aromatic building blocks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	12
6	Direct amidation of metallaaromatics: access to N -functionalized osmapentalynes <i>via</i> a 1,5-bromoamidated intermediate. <i>Chemical Science</i> , 2021, 12, 6315-6322.	7.4	10
7	Carbonyl chemistry: nucleophilic aromatic substitution of a triflate functionalized iridapentalene. <i>Chemical Communications</i> , 2021, 57, 8464-8467.	4.1	9
8	Control of quantum interference in single-molecule junctions via Jahn-Teller distortion. <i>Cell Reports Physical Science</i> , 2021, 2, 100329.	5.6	12
9	Carbonyl Chemistry: Planar CCCX-Type ($X = N, O, S$) Pentadentate Chelates by Formal [3+1] Cycloadditions of Metalla-Azirines with Terminal Alkynes. <i>CCS Chemistry</i> , 2021, 3, 758-763.	7.8	11
10	Tuning an Electrode Work Function Using Organometallic Complexes in Inverted Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2021, 143, 7759-7768.	13.7	85
11	Synthesis, Characterization, and Reactivity of Metalla-Chalcogenirenium Compounds ⁺ . <i>Chinese Journal of Chemistry</i> , 2021, 39, 1558-1564.	4.9	12
12	Cobalt-Catalyzed (E)-Selective Hydrosilylation of 1,3-Enynes for the Synthesis of 1,3-Dienylsilanes. <i>Organometallics</i> , 2021, 40, 2070-2080.	2.3	12
13	Nanographene- π -Osmapentalyne Complexes as a Cathode Interlayer in Organic Solar Cells Enhance Efficiency over 18%. <i>Advanced Materials</i> , 2021, 33, e2101279.	21.0	129
14	Reversible Switching between Destructive and Constructive Quantum Interference Using Atomically Precise Chemical Gating of Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2021, 143, 9385-9392.	13.7	50
15	Sub-nanometer supramolecular rectifier based on the symmetric building block with destructive f -interference. <i>Science China Chemistry</i> , 2021, 64, 1426-1433.	8.2	8
16	Electrophilic aromatic substitution reactions of compounds with Craig-M π bius aromaticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
17	Metallacycle Expansion and Annulation: Access to π -Fused π -Osmacycles by Reaction of Cyclic Osmium Carbyne with Sodium Azide. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3435-3442.	4.9	13
18	Releasing Antiaromaticity in Metal-Bridgehead Naphthalene. <i>Journal of the American Chemical Society</i> , 2021, 143, 15587-15592.	13.7	26

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19	Tough self-reporting elastomer with NIR induced shape memory effect. <i>Giant</i> , 2021, 8, 100069.	5.1	10
20	Synthesis and Reactivity Studies of Irida-carbolong Complexes. <i>Acta Chimica Sinica</i> , 2021, 79, 71.	1.4	6
21	Electric-Field-Induced Connectivity Switching in Single-Molecule Junctions. <i>IScience</i> , 2020, 23, 100770.	4.1	34
22	Metallaaromatic Chemistry: History and Development. <i>Chemical Reviews</i> , 2020, 120, 12994-13086.	47.7	130
23	Identifying the Conformational Isomers of Single-Molecule Cyclohexane at Room Temperature. <i>CheM</i> , 2020, 6, 2770-2781.	11.7	40
24	Dioxygen Activation by Internally Aromatic Metallacycle: Crystallographic Structure and Mechanistic Investigations. <i>IScience</i> , 2020, 23, 101379.	4.1	6
25	Bis(phosphine)cobalt-Catalyzed Highly Regio- and Stereoselective Hydrosilylation of 1,3-Diynes. <i>Organometallics</i> , 2020, 39, 4437-4443.	2.3	17
26	Competition between Ring-Closing Migratory Insertion Polymerization and Monomer Cyclization. <i>Organometallics</i> , 2020, 39, 2991-2997.	2.3	3
27	Extension of the Simmons-Smith reaction to metal-carbynes: efficient synthesis of metallacyclopropenes with η^5 -aromaticity. <i>Chemical Science</i> , 2020, 11, 10159-10166.	7.4	19
28	Addition of alkynes and osmium carbynes towards functionalized π -conjugated systems. <i>Nature Communications</i> , 2020, 11, 4651.	12.8	41
29	[3+2] cycloaddition reaction of metallacyclopropene with nitrosonium ion: isolation of aromatic metallaisoxazole. <i>Chemical Communications</i> , 2020, 56, 6806-6809.	4.1	9
30	The First OCCCCO Pentadentate Chelates: Osmium Mediated Stepwise Oxidations of Terminal Alkynes by Pyridine N-Oxide . <i>Chinese Journal of Chemistry</i> , 2020, 38, 1273-1279.	4.9	10
31	A Bidentate Ru(II)-NC Complex as a Catalyst for Semihydrogenation of Alkynes to (<i>E</i>)-Alkenes with Ethanol. <i>Organometallics</i> , 2020, 39, 862-869.	2.3	21
32	Dynamic Polymer Network System Mediated by Radically Exchangeable Covalent Bond and Carbolong Complex. <i>ACS Macro Letters</i> , 2020, 9, 344-349.	4.8	30
33	Access to tetracyclic aromatics with bridgehead metals via metalla-click reactions. <i>Science Advances</i> , 2020, 6, eaay2535.	10.3	19
34	Manganese(I)-Catalyzed Transfer Hydrogenation and Acceptorless Dehydrogenative Condensation: Promotional Influence of the Uncoordinated N-Heterocycle. <i>Organometallics</i> , 2019, 38, 3218-3226.	2.3	47
35	Reactions of Metallacyclopentadiene with Terminal Alkynes: Isolation and Characterization of Metallafulvenallene Complexes. <i>Organometallics</i> , 2019, 38, 3053-3059.	2.3	13
36	Highly Regio- and Stereoselective Tridentate $\text{N}^{\text{C}}\text{NN}$ Cobalt-Catalyzed 1,3-Diyne Hydrosilylation. <i>Organometallics</i> , 2019, 38, 4341-4350.	2.3	22

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37	Rhodapentalenes: Pincer Complexes with Internal Aromaticity. <i>IScience</i> , 2019, 19, 1214-1224.	4.1	13
38	Carbolong polymers with near infrared triggered, spatially resolved and rapid self-healing properties. <i>Polymer Chemistry</i> , 2019, 10, 386-394.	3.9	27
39	Access to Metal-Bridged Osmathiazine Derivatives by a Formal [4+2] Cyclization. <i>Chemistry - A European Journal</i> , 2019, 25, 5077-5085.	3.3	4
40	Electric field-induced selective catalysis of single-molecule reaction. <i>Science Advances</i> , 2019, 5, eaaw3072.	10.3	161
41	Multicenter-Bond-Based Quantum Interference in Charge Transport Through Single-Molecule Carborane Junctions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10601-10605.	13.8	59
42	Modularized Tuning of Charge Transport through Highly Twisted and Localized Single-Molecule Junctions. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3453-3458.	4.6	22
43	Formal [2 + 2 + 2] Cycloaddition Reaction of a Metal-Carbyne Complex with Nitriles: Synthesis of a Metallapyrazine Complex. <i>Organometallics</i> , 2019, 38, 2264-2271.	2.3	7
44	Synthesis and characterization of metallapentalenoxazetes by the [2+2] cycloaddition of metallapentalynes with nitrosoarenes. <i>Chemical Communications</i> , 2019, 55, 6237-6240.	4.1	8
45	Successive modification of polydentate complexes gives access to planar carbon- and nitrogen-based ligands. <i>Nature Communications</i> , 2019, 10, 1488.	12.8	17
46	Membrane Fouling and Performance of Flat Ceramic Membranes in the Application of Drinking Water Purification. <i>Water (Switzerland)</i> , 2019, 11, 2606.	2.7	21
47	Unveiling how intramolecular stacking modes of covalently linked dimers dictate photoswitching properties. <i>Nature Communications</i> , 2019, 10, 5480.	12.8	6
48	One-pot syntheses of irida-polycyclic aromatic hydrocarbons. <i>Chemical Science</i> , 2019, 10, 10894-10899.	7.4	20
49	Carbolong Complexes as Photothermal Materials. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 1743.	1.3	6
50	Isolation of an Eleven-Atom Polydentate Carbon-Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3154-3157.	13.8	36
51	Isolation of an Eleven-Atom Polydentate Carbon-Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne. <i>Angewandte Chemie</i> , 2018, 130, 3208-3211.	2.0	11
52	Synthesis and Characterization of an Osmapentalene Derivative Containing a η^2 -Agostic Os-Ag-H-C(sp ³) Interaction. <i>Organometallics</i> , 2018, 37, 618-623.	2.3	12
53	Synthesis and Characterization of Photothermal Osmium Carbolong Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 8375-8381.	3.3	20
54	A missing member of conjugated N-heterocycles: realizing pyrido[1,2- <i>b</i>]azepine by reacting ruthenium alkenylcarbene complex with alkyne. <i>Chemical Communications</i> , 2018, 54, 4009-4012.	4.1	10

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55	Photothermal Möbius aromatic metallapentalenofuran and its NIR-responsive copolymer. <i>Polymer Chemistry</i> , 2018, 9, 2092-2100.	3.9	25
56	Rational Design and Synthesis of Unsaturated Se-Containing Osmacycles with π -Aromaticity. <i>Chemistry - A European Journal</i> , 2018, 24, 2296-2296.	3.3	2
57	Identifying the Active Site of N-Doped Graphene for Oxygen Reduction by Selective Chemical Modification. <i>ACS Energy Letters</i> , 2018, 3, 986-991.	17.4	102
58	Rational Design and Synthesis of Unsaturated Se-Containing Osmacycles with π -Aromaticity. <i>Chemistry - A European Journal</i> , 2018, 24, 2389-2395.	3.3	35
59	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2528-2535.	5.8	42
60	Constructing canopy-shaped molecular architectures to create local Pt surface sites with high tolerance to H_2S and CO for hydrogen electrooxidation. <i>Energy and Environmental Science</i> , 2018, 11, 166-171.	30.8	32
61	Metallaaromatics Containing Main-Group Heteroatoms. <i>Chinese Journal of Chemistry</i> , 2018, 36, 93-105.	4.9	39
62	Nickel Complexes with Non-Innocent Ligands as Highly Active Electrocatalysts for Hydrogen Evolution. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1161-1164.	4.9	10
63	Alternation of Metal-Bridged Metallacycle Skeletons: From Ruthenapentalene to Ruthenapentalene and Ruthenaindene Derivative. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1156-1160.	4.9	12
64	Photo-excitabile hybrid nanocomposites for image-guided photo/TRAIL synergistic cancer therapy. <i>Biomaterials</i> , 2018, 176, 60-70.	11.4	37
65	Reactions of Cyclic Osmacarbene with Coinage Metal Complexes. <i>Organometallics</i> , 2018, 37, 1788-1794.	2.3	19
66	Constraint of a ruthenium-carbon triple bond to a five-membered ring. <i>Science Advances</i> , 2018, 4, eaat0336.	10.3	38
67	Metallapentalenofuran: Shifting Metallafuran Rings Promoted by Substituent Effects. <i>Chemistry - A European Journal</i> , 2018, 24, 14531-14538.	3.3	12
68	Cylindrical NIR-Responsive Metallopolymer Containing Möbius Metalla-aromatics. <i>ACS Macro Letters</i> , 2018, 7, 1034-1038.	4.8	22
69	Carbonyl Chemistry: A Story of Carbon Chain Ligands and Transition Metals. <i>Accounts of Chemical Research</i> , 2018, 51, 1691-1700.	15.6	132
70	History and Development. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 11.	1.3	28
71	Reactions of Isocyanides with Metal Carbene Complexes: Isolation and Characterization of Metallacyclopentenimine Intermediates. <i>Journal of the American Chemical Society</i> , 2017, 139, 1822-1825.	13.7	57
72	Synthesis and Characterization of Osmium Polycyclic Aromatic Complexes via Nucleophilic Reactions of Osmapentalene. <i>Chinese Journal of Chemistry</i> , 2017, 35, 628-634.	4.9	16

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73	Synthesis, Characterization and Electrochemical Properties of 4,5-Diazafluorene or Fluorene Terminated Homobimetallic Ruthenium and Osmium Allenylidene, Alkynyl Allenylidene Complexes. Chinese Journal of Chemistry, 2017, 35, 420-428.	4.9	10
74	Amphipathic metal-containing macromolecules with photothermal properties. Polymer Chemistry, 2017, 8, 3674-3678.	3.9	27
75	Synthesis and Characterization of a Metallacyclic Framework with Three Fused Five-membered Rings. Angewandte Chemie, 2017, 129, 9195-9199.	2.0	13
76	Metallapentalenofurans and Lactone-Fused Metallapentalynes. Chemistry - A European Journal, 2017, 23, 6426-6431.	3.3	39
77	Synthesis of Imidazopyridinium-Fused Metallacycloallene via One-Pot Reaction of Ir^{2+} -Alkynol-Coordinated Osmacycle with 2-Aminopyridine. Organometallics, 2017, 36, 4184-4190.	2.3	6
78	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
79	Multiyne chains chelating osmium via three metal-carbon σ bonds. Nature Communications, 2017, 8, 1912.	12.8	51
80	Color-Tuning Strategy for Iridapolycycles $[(\text{N}^{\text{S}})\text{Ir}(\text{C}^{\text{S}})\text{ClPPh}_3]^+$ by the Synergistic Modifications on Both the $\text{C}^{\text{S}}\text{C}$ and $\text{N}^{\text{S}}\text{N}$ Units. Organometallics, 2017, 36, 4802-4809.	2.3	3
81	Synthesis and Characterization of a Metallacyclic Framework with Three Fused Five-membered Rings. Angewandte Chemie - International Edition, 2017, 56, 9067-9071.	13.8	45
82	Synthesis of Olefinic Carbonyl Complexes. Chinese Journal of Organic Chemistry, 2017, 37, 1181.	1.3	15
83	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
84	Synthesis of Fused Metallaaromatics via Intramolecular C-H Activation of Thiophenes. Organometallics, 2016, 35, 1497-1504.	2.3	31
85	CCCCC pentadentate chelates with planar Möbius aromaticity and unique properties. Science Advances, 2016, 2, e1601031.	10.3	74
86	Synthesis of aromatic ruthenabenzothiophenes via C-H activation of thiophenes. Dalton Transactions, 2016, 45, 913-917.	3.3	18
87	Halogenation of carbyne complexes: isolation of unsaturated metallaiodirenium ion and metallabromirenium ion. Chemical Science, 2016, 7, 1815-1818.	7.4	45
88	Metallafurans and their synthetic chemistry. Science Bulletin, 2016, 61, 430-442.	9.0	20
89	C-H Bond Functionalization of Benzoxazoles with Chromium(0) Fischer Carbene Complexes. Organometallics, 2016, 35, 1409-1414.	2.3	12
90	Reactions of Osmabenzene with Silver/Copper Acetylides: From Metallabenzene to Benzene. Chemistry - A European Journal, 2015, 21, 565-567.	3.3	24

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91	Five-Membered Cyclic Metal Carbyne: Synthesis of Osmapentalynes by the Reactions of Osmapentalene with Allene, Alkyne, and Alkene. <i>Angewandte Chemie</i> , 2015, 127, 7295-7298.	2.0	19
92	π-Aromaticity in an Unsaturated Ring: Osmapentalene Derivatives Containing a Metallacyclopropene Unit. <i>Angewandte Chemie</i> , 2015, 127, 3145-3149.	2.0	44
93	Reactions of osmapyridinium with terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 560-568.	4.5	12
94	Reactions of Osmium Hydrido Alkenylcarbyne with Allenates: Insertion and [3 + 2] Annulation. <i>Organometallics</i> , 2015, 34, 1742-1750.	2.3	17
95	Synthesis of Five-Membered Osmacycles with Osmium-Vinyl Bonds from Hydrido Alkenylcarbyne Complexes. <i>Organometallics</i> , 2015, 34, 340-347.	2.3	22
96	A simple and versatile approach to self-healing polymers and electrically conductive composites. <i>RSC Advances</i> , 2015, 5, 13261-13269.	3.6	17
97	π-Aromaticity in an Unsaturated Ring: Osmapentalene Derivatives Containing a Metallacyclopropene Unit. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3102-3106.	13.8	119
98	An Unconventional Route to Monodisperse and Intimately Contacted Semiconducting Organic-Inorganic Nanocomposites. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4636-4640.	13.8	54
99	Corannulene derivatives with low LUMO levels and dense convex-concave packing for n-channel organic field-effect transistors. <i>Chemical Communications</i> , 2015, 51, 13768-13771.	4.1	55
100	Five-Membered Cyclic Metal Carbyne: Synthesis of Osmapentalynes by the Reactions of Osmapentalene with Allene, Alkyne, and Alkene. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7189-7192.	13.8	66
101	A general route to nanocrystal kebabs periodically assembled on stretched flexible polymer shish. <i>Science Advances</i> , 2015, 1, e1500025.	10.3	69
102	Stabilizing Two Classical Antiaromatic Frameworks: Demonstration of Photoacoustic Imaging and the Photothermal Effect in Metallaromatics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6181-6185.	13.8	99
103	Synthesis of Aromatic Aza-metallapentalenes from Metallabenzene via Sequential Ring Contraction/Annulation. <i>Scientific Reports</i> , 2015, 5, 9584.	3.3	20
104	Sequential Construction Strategy for Rational Design of Luminescent Iridacycles. <i>Organometallics</i> , 2015, 34, 4229-4237.	2.3	7
105	Catalyst-free cross-coupling of N-tosylhydrazones with chromium(0) Fischer carbene complexes: a new approach to diarylethanone. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1450-1456.	4.5	21
106	Thiophene-fused bowl-shaped polycyclic aromatics with a dibenzo[a,g]corannulene core for organic field-effect transistors. <i>Chemical Communications</i> , 2015, 51, 1681-1684.	4.1	72
107	HRMS studies on the fragmentation pathways of metallapentalyne. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 906-910.	3.9	3
108	Synthesis, Structure, and Reactivity of an Osmacyclopentene Complex. <i>Organometallics</i> , 2014, 33, 5301-5307.	2.3	19

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109	Interconversion between Ruthenacyclohexadiene and Ruthenabenzene: A Combined Experimental and Theoretical Study. <i>Organometallics</i> , 2014, 33, 5606-5609.	2.3	16
110	Planar Möbius aromatic pentalenes incorporating 16 and 18 valence electron osmiums. <i>Nature Communications</i> , 2014, 5, 3265.	12.8	169
111	The Chemistry of Aromatic Osmacycles. <i>Accounts of Chemical Research</i> , 2014, 47, 341-354.	15.6	153
112	A Metal-Bridged Tricyclic Aromatic System: Synthesis of Osmium Polycyclic Aromatic Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6232-6236.	13.8	77
113	Star-like polymer click-functionalized with small capping molecules: an initial investigation into properties and improving solubility in liquid crystals. <i>RSC Advances</i> , 2014, 4, 50212-50219.	3.6	3
114	1,2-Migration in the reactions of ruthenium vinyl carbene with propargyl alcohols. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1077-1082.	4.5	10
115	Unimolecular micelles composed of inner coil-like blocks and outer rod-like blocks crafted by combination of living polymerization with click chemistry. <i>Polymer Chemistry</i> , 2014, 5, 2747-2755.	3.9	34
116	Theoretical Study on the Stability and Aromaticity of Metallasilapentalynes. <i>Organometallics</i> , 2014, 33, 1845-1850.	2.3	39
117	Metallaphenol: Synthesis and Reactivity Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 4363-4372.	3.3	33
118	Reactivity study of a hydroxyl coordinated osmium vinyl complex OsCl ₂ (PPh ₃) ₂ [CH=C(PPh ₃)CHPh(OH)]. <i>Science China Chemistry</i> , 2013, 56, 1105-1111.	8.2	9
119	Mechanoresponsive Healable Metallosupramolecular Polymers. <i>Macromolecules</i> , 2013, 46, 8649-8656.	4.8	156
120	From Osmium Hydrido Vinylidene to Osmacycles: The Key Role of Osmabutadiene Intermediates. <i>Chemistry - an Asian Journal</i> , 2013, 8, 269-275.	3.3	27
121	Mechanistic Study of Indolizine Heterocycle Formation by Ruthenium(II)-Assisted Three-Component Cross-Coupling Cyclization. <i>Organometallics</i> , 2013, 32, 3738-3743.	2.3	23
122	Off/On Fluorescent Chemosensors for Organotin Halides Based on Binuclear Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5599-5603.	13.8	12
123	Stabilization of anti-aromatic and strained five-membered rings with a transition metal. <i>Nature Chemistry</i> , 2013, 5, 698-703.	13.6	244
124	Conversion of a Hydrido-Butenylcarbyne Complex to η^2 -Allene-Coordinated Complexes and Metallabenzene. <i>Organometallics</i> , 2013, 32, 3993-4001.	2.3	37
125	Synthesis of Five-Membered Osmacycloallenes and Conversion into Six-Membered Osmacycloallenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13361-13364.	13.8	22
126	Key Intermediates of Iodine-Mediated Electrophilic Cyclization: Isolation and Characterization in an Osmabenzene System. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9251-9255.	13.8	56

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127	Substitution Reactions of Metallabenzenes: An Experimental and Computational Study. Chemistry - A European Journal, 2013, 19, 10982-10991.	3.3	42
128	Synthesis of Ruthena-polycyclic Complexes by Ruthenium-Vinylcarbene Complex. Acta Chimica Sinica, 2013, 71, 1373.	1.4	4
129	Double Stabilization of Highly Strained Six-Membered Rings by Phosponium and Transition Metal. Chinese Journal of Organic Chemistry, 2013, 33, 657.	1.3	28
130	Synthesis of Osmapyridiniums by [4+2] Cycloaddition Reaction between Osmium Alkenylcarbyne and Nitriles. Chinese Journal of Chemistry, 2012, 30, 2158-2168.	4.9	25
131	Synthesis and Characterization of a Metallapyridyne Complex. Angewandte Chemie - International Edition, 2012, 51, 9838-9841.	13.8	71
132	Conversions of Osmabenzene and Isoosmabenzene. Chemistry - A European Journal, 2012, 18, 11597-11603.	3.3	42
133	Preparation of Si-C-N-Fe magnetic ceramic derived from iron-modified polysilazane. Ceramics International, 2012, 38, 6815-6822.	4.8	40
134	Structure and properties of polyamidoamine/polyacrylonitrile composite nanofiltration membrane prepared by interfacial polymerization. Separation and Purification Technology, 2012, 96, 229-236.	7.9	55
135	Multi-responsive self-healing metallo-supramolecular gels based on click ligand. Journal of Materials Chemistry, 2012, 22, 11515.	6.7	130
136	Interconversion of Metallabenzenes and Cyclic C_2Allene Coordinated Complexes. Chemistry - an Asian Journal, 2012, 7, 1915-1924.	3.3	23
137	Synthesis and ceramic conversion of a novel processible polyboronsilazane precursor to SiBCN ceramic. Ceramics International, 2012, 38, 4635-4643.	4.8	35
138	In situ synthesis and microstructure characterization of Ti-C-TiB ₂ -SiC ultrafine composites from hybrid precursor. Materials Chemistry and Physics, 2012, 133, 946-953.	4.0	15
139	Preparation, cross-linking and ceramization of AHPCS/Cp ₂ ZrCl ₂ hybrid precursors for SiC/ZrC/C composites. Journal of the European Ceramic Society, 2012, 32, 1291-1298.	5.7	48
140	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
141	Preparation of a liquid boron-modified polycarbosilane and its ceramic conversion to dense SiC ceramics. Polymers for Advanced Technologies, 2011, 22, 2409-2414.	3.2	16
142	Synthesis and characterization of a propargyl-substituted polycarbosilane with high ceramic yield. Journal of Applied Polymer Science, 2011, 121, 3400-3406.	2.6	14
143	Synthesis and polymer-to-ceramic conversion of tailorable copolysilazanes. Journal of Applied Polymer Science, 2011, 122, 1286-1292.	2.6	11
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