Yuhui Hua

List of Publications by Year
in descending order

37	913	471509 17	477307 29
papers	citations	h-index	g-index

39	39	39	615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Synthesis and characterization of rhena[10]annulynes. Inorganic Chemistry Frontiers, 2022, 9, 2895-2902.	6.0	3
3	Synthetic studies towards atkamine. Chinese Chemical Letters, 2021, 32, 668-671.	9.0	1
4	NIR-responsive metal-containing polymer hydrogel for light-controlled microvalve. Polymer Chemistry, 2021, 12, 3375-3382.	3.9	17
5	Carbolong chemistry: nucleophilic aromatic substitution of a triflate functionalized iridapentalene. Chemical Communications, 2021, 57, 8464-8467.	4.1	9
6	Site-Specific Photochemical Desaturation Enables Divergent Syntheses of Illicium Sesquiterpenes. Journal of the American Chemical Society, 2021, 143, 3256-3263.	13.7	26
7	Carbolong Chemistry: Planar CCCCX-Type (Xâ€‰=â€‰N, O, S) Pentadentate Chelates by Formal [3+1] Cycloadditions of Metalla-Azirines with Terminal Alkynes. CCS Chemistry, 2021, 3, 758-763.	7.8	11
8	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
9	Total Synthesis and Assignment of the Absolute Configuration of (+)-Omphalic Acid. Organic Letters, 2021, 23, 6972-6976.	4.6	4
10	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
11	Metallaaromatic Chemistry: History and Development. Chemical Reviews, 2020, 120, 12994-13086.	47.7	130
12	Merging Câ€“H Vinylation with Switchable 6Ï€-Electrocyclizations for Divergent Heterocycle Synthesis. Journal of the American Chemical Society, 2020, 142, 15585-15594.	13.7	21
13	Addition of alkynes and osmium carbynes towards functionalized dÏ€â€“pÏ€ conjugated systems. Nature Communications, 2020, 11, 4651.	12.8	41
14	The First <scp>OCCCO</scp> Pentadentate Chelates: Osmium Mediated Stepwise Oxidations of Terminal Alkynes by Pyridine <scp>Nâ€Oxide</scp>. Chinese Journal of Chemistry, 2020, 38, 1273-1279.	4.9	10
15	Rhodapentalenes: Pincer Complexes with Internal Aromaticity. IScience, 2019, 19, 1214-1224.	4.1	13
16	â€œCarbolongâ€•polymers with near infrared triggered, spatially resolved and rapid self-healing properties. Polymer Chemistry, 2019, 10, 386-394.	3.9	27
17	Domino enyne metathesis en route to skeletally diverse, privileged scaffolds: synthesis of the tricyclic core of pseudolaric acid F. Organic Chemistry Frontiers, 2019, 6, 2771-2774.	4.5	4
18	Multicenterâ€Bondâ€Based Quantum Interference in Charge Transport Through Singleâ€Molecule Carborane Junctions. Angewandte Chemie, 2019, 131, 10711-10715.	2.0	11

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19	Multicenterâ€Bondâ€Based Quantum Interference in Charge Transport Through Singleâ€Molecule Carborane Junctions. Angewandte Chemie - International Edition, 2019, 58, 10601-10605.	13.8	59
20	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
21	Synthesis and characterization of metallapentalenoxazetes by the [2+2] cycloaddition of metallapentalynes with nitrosoarenes. Chemical Communications, 2019, 55, 6237-6240.	4.1	8
22	Carbolong Complexes as Photothermal Materials. Chinese Journal of Organic Chemistry, 2019, 39, 1743.	1.3	6
23	Asymmetric Total Synthesis of (+)-Majusculoic Acid via a Dimerizationâ€“Dedimerization Strategy and Absolute Configuration Assignment. Organic Letters, 2018, 20, 1477-1480.	4.6	17
24	Reactions of Cyclic Osmacarbyne with Coinage Metal Complexes. Organometallics, 2018, 37, 1788-1794.	2.3	19
25	Constraint of a ruthenium-carbon triple bond to a five-membered ring. Science Advances, 2018, 4, eaat0336.	10.3	38
26	Metallapentalenofuran: Shifting Metallafuran Rings Promoted by Substituent Effects. Chemistry - A European Journal, 2018, 24, 14531-14538.	3.3	12
27	History and Development. Chinese Journal of Organic Chemistry, 2018, 38, 11.	1.3	28
28	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
29	Total Synthesis of Aplydactone by a Conformationally Controlled Câ^'H Functionalization. Angewandte Chemie, 2017, 129, 8299-8302.	2.0	8
30	Total Synthesis of Aplydactone by a Conformationally Controlled Câ^'H Functionalization. Angewandte Chemie - International Edition, 2017, 56, 8187-8190.	13.8	46
31	Innentitelbild: Total Synthesis of Aplydactone by a Conformationally Controlled Câ^'H Functionalization (Angew. Chem. 28/2017). Angewandte Chemie, 2017, 129, 8130-8130.	2.0	0
32	Metallapentalenofurans and Lactoneâ€Fused Metallapentalynes. Chemistry - A European Journal, 2017, 23, 6426-6431.	3.3	39
33	Multiyne chains chelating osmium via three metal-carbon Ïƒ bonds. Nature Communications, 2017, 8, 1912.	12.8	51
34	Color-Tuning Strategy for Iridapolycycles [(N^{â^§}N)Ir(C^{â^§}C)ClPPh₃]⁺ by the Synergistic Modifications on Both the C^{â^§}C and N^{â^§}N Units. Organometallics, 2017, 36, 4802-4809.	2.3	3
35	Synthesis of Five-Membered Osmacycles with Osmiumâ€“Vinyl Bonds from Hydrido Alkenylcarbyne Complexes. Organometallics, 2015, 34, 340-347.	2.3	22
36	Sequential Construction Strategy for Rational Design of Luminescent Iridacycles. Organometallics, 2015, 34, 4229-4237.	2.3	7

#	Article	IF	Citations
37	Boosting the performance and stability of inverted perovskite solar cells by using a carbolong derivative to modulate the cathode interface. Materials Chemistry Frontiers, 0, , .	5.9	5