

# Huan Cong

## List of Publications by Year in descending order

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32  
papers

1,966  
citations

331670

21  
h-index

414414

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g-index

34  
all docs

34  
docs citations

34  
times ranked

2299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Decarboxylative Arylation of $\alpha$ -Amino Acids via the Merger of Photoredox and Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2016, 138, 1832-1835.	13.7	425
2	Catalytic Enantioselective Cyclization/Cross-Coupling with Alkyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 3788-3791.	13.7	186
3	Silver Nanoparticle-Catalyzed Diels-Alder Cycloadditions of 2-Hydroxychalcones. <i>Journal of the American Chemical Society</i> , 2010, 132, 7514-7518.	13.7	131
4	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10059-10065.	13.8	120
5	Chemical Synthesis of Complex Molecules Using Nanoparticle Catalysis. <i>ACS Catalysis</i> , 2012, 2, 65-70.	11.2	117
6	A reversible underwater glue based on photo- and thermo-responsive dynamic covalent bonds. <i>Materials Horizons</i> , 2020, 7, 282-288.	12.2	113
7	Synthesis of Oligoparaphenylene-Derived Nanostructures Employing an Anthracene Photodimerization-Cycloreversion Strategy. <i>Journal of the American Chemical Society</i> , 2016, 138, 11144-11147.	13.7	97
8	An isolable catenane consisting of two Möbius conjugated nanostructures. <i>Nature Communications</i> , 2018, 9, 3037.	12.8	82
9	Synthesis and Characterization of a Pentacyclic-Derived Dual Oligoparaphenylene Nanostructure. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3943-3947.	13.8	74
10	Visible-Light Photocatalysis Employing Dye-Sensitized Semiconductor: Selective Aerobic Oxidation of Benzyl Ethers. <i>ACS Catalysis</i> , 2017, 7, 8134-8138.	11.2	66
11	Biomimetic Dehydrogenative Diels-Alder Cycloadditions: Total Syntheses of Brosimones A and B. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8345-8348.	13.8	59
12	Asymmetric Syntheses of the Flavonoid Diels-Alder Natural Products Sanggenons C and O. <i>Journal of the American Chemical Society</i> , 2016, 138, 798-801.	13.7	54
13	Visible-Light-Driven Decarboxylative Alkylation of C-H Bond Catalyzed by Dye-Sensitized Semiconductor. <i>Organic Letters</i> , 2018, 20, 3225-3228.	4.6	53
14	Electron Transfer-Initiated Diels-Alder Cycloadditions of 2-Hydroxychalcones. <i>Journal of the American Chemical Society</i> , 2008, 130, 9214-9215.	13.7	41
15	A Conjugated Figure-Eight Oligoparaphenylene Nanostructure with Adaptive Cavities Derived from Cyclooctatetraene Core. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	33
16	Total Synthesis of ( $\pm$ )-Sorocinol B Employing Nanoparticle Catalysis. <i>Organic Letters</i> , 2012, 14, 2516-2519.	4.6	30
17	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie</i> , 2020, 132, 10145-10151.	2.0	29
18	Adsorptive separation of cyclohexanol and cyclohexanone by nonporous adaptive crystals of RhombicArene. <i>Chemical Science</i> , 2021, 12, 15528-15532.	7.4	28

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19	Synthetic cyclohexenyl chalcone natural products possess cytotoxic activities against prostate cancer cells and inhibit cysteine cathepsins in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 397-402.	2.1	26
20	Atom-Transfer Radical Addition to Unactivated Alkenes by using Heterogeneous Visible-Light Photocatalysis. <i>ChemSusChem</i> , 2017, 10, 4461-4464.	6.8	26
21	Synthesis and Characterization of a Pentiptycene-Derived Dual Oligoparaphenylene Nanohoop. <i>Angewandte Chemie</i> , 2019, 131, 3983-3987.	2.0	26
22	Synthesis of Macrocyclic Oligoparaphenylenes Derived from Anthracene Photodimer. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1135-1138.	4.9	19
23	Fluorescence detection of perfluorooctane sulfonate in water employing a tetraphenylethylene-derived dual macrocycle Bowtie Cyclophane. <i>Chinese Chemical Letters</i> , 2022, 33, 1493-1496.	9.0	19
24	Recent Synthetic Advances on $\pi$ -Extended Carbon Nanohoops. <i>Synlett</i> , 2017, 28, 1383-1388.	1.8	18
25	A Monophosphine Ligand Derived from Anthracene Photodimer: Synthetic Applications for Palladium-Catalyzed Coupling Reactions. <i>Organic Letters</i> , 2019, 21, 8158-8163.	4.6	15
26	Design and Synthesis of Paraphenylene-derived Figure-of-eight Rigid Macrocycles. <i>Chemistry Letters</i> , 2021, 50, 819-824.	1.3	14
27	Adsorption of polyhaloalkane vapors by adaptive macrocycle crystals of WreathArene through C-halogen $\pi$ - $\pi$ interactions. <i>Chinese Chemical Letters</i> , 2022, 33, 1970-1974.	9.0	14
28	[4+4] Photodimerization of Anthracene Derivatives: Recent Synthetic Advances and Applications. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 543.	1.3	11
29	Synthesis of Finite Molecular Nanotubes by Connecting Axially Functionalized Macrocycles. <i>CCS Chemistry</i> , 2022, 4, 3772-3780.	7.8	9
30	Palladium-Catalyzed Desymmetric Intermolecular C $\equiv$ N Coupling Enabled by a Chiral Monophosphine Ligand Derived from Anthracene Photodimer. <i>Organic Letters</i> , 2021, 23, 5485-5490.	4.6	7
31	Photo-induced anti-Markovnikov hydroalkylation of unactivated alkenes employing a dual-component initiator. <i>Chinese Chemical Letters</i> , 2021, 32, 681-684.	9.0	6
32	A Conjugated Figure-of-eight Oligoparaphenylene Nanohoop with Adaptive Cavities Derived from Cyclooctatetrathiophene Core. <i>Angewandte Chemie</i> , 2022, 134, e202113334.	2.0	2