Jiean Chen

List of Publications by Year
in descending order

42 papers	1,358 citations	394421 19 h-index	345221 36 g-index
52 all docs	52 docs citations	52 times ranked	1242 citing authors

#	Article	IF	Citations
1	Catalytic cleavage and functionalization of bulky and inert Csp3â€“Csp3 bonds via a relayed proton-coupled electron transfer strategy. Cell Reports Physical Science, 2022, 3, 100763.	5.6	10
2	Enantioselective Seleno†Michael Addition Reactions Catalyzed by a Chiral Bifunctional N†Heterocyclic Carbene with Noncovalent Activation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
3	Enantioselective synthesis of acyclic monohydrosilanes by steric hindrance assisted Câ€“H silylation. Chemical Communications, 2022, 58, 7388-7391.	4.1	10
4	Histidine-specific bioconjugationviavisible-light-promoted thioacetal activation. Chemical Science, 2022, 13, 8289-8296.	7.4	9
5	Photo-induced energy transfer relay of N-heterocyclic carbene catalysis: an asymmetric Î±-fluorination/isomerization cascade. Chemical Communications, 2021, 57, 729-732.	4.1	19
6	A Bifunctional N-Heterocyclic Carbene as a Noncovalent Organocatalyst for Enantioselective Aza-Michael Addition Reactions. ACS Catalysis, 2021, 11, 6316-6324.	11.2	23
7	Synthesis of Î±-chiral phosphine sulfides via non-covalent organocatalysis. Cell Reports Physical Science, 2021, 2, 100490.	5.6	5
8	N-Heterocyclic Carbene-Catalyzed Four-Component Reaction: Chemoselective C_{radical}-C_{radical} Relay Coupling Involving the Homoenolate Intermediate. ACS Catalysis, 2021, 11, 10123-10130.	11.2	30
9	N-Heterocyclic Carbene-Catalyzed 1,4-Alkylacylation of 1,3-Enynes. Organic Letters, 2021, 23, 9251-9255.	4.6	35
10	Ligand†Controlled Câ€“O Bond Coupling of Carboxylic Acids and Aryl Iodides: Experimental and Computational Insights. Advanced Synthesis and Catalysis, 2020, 362, 126-132.	4.3	11
11	Enantioselective Intramolecular [2,3]â€Sigmatropic Rearrangement of Aldehydes via a Sulfonium Enamine Intermediate. Angewandte Chemie - International Edition, 2020, 59, 20904-20908.	13.8	11
12	Direct Synthesis of Bicyclic Acetals via Visible Light Catalysis. IScience, 2020, 23, 101395.	4.1	15
13	Enantioselective Intramolecular [2,3]â€Sigmatropic Rearrangement of Aldehydes via a Sulfonium Enamine Intermediate. Angewandte Chemie, 2020, 132, 21090-21094.	2.0	1
14	Alcohol-Directed ortho-Câ€“H Alkenylation. Synlett, 2019, 30, 1366-1370.	1.8	3
15	Enantioâ€•and Diastereoselective Hydrofluorination of Enals by N†Heterocyclic Carbene Catalysis. Angewandte Chemie, 2019, 131, 7488-7492.	2.0	3
16	Enantioâ€•and Diastereoselective Hydrofluorination of Enals by N†Heterocyclic Carbene Catalysis. Angewandte Chemie - International Edition, 2019, 58, 7410-7414.	13.8	22
17	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. Angewandte Chemie - International Edition, 2018, 57, 8503-8507.	13.8	20
18	Direct Synthesis of Polysubstituted Aldehydes via Visible†Light Catalysis. Angewandte Chemie, 2018, 130, 2196-2200.	2.0	19

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19	Direct Synthesis of Polysubstituted Aldehydes via Visibleâ€Light Catalysis. Angewandte Chemie - International Edition, 2018, 57, 2174-2178.	13.8	53
20	Enantioselective cooperative proton-transfer catalysis using chiral ammonium phosphates. Chemical Communications, 2018, 54, 1473-1476.	4.1	17
21	Structure-Based Drug Design and Identification of H₂O-Soluble and Low Toxic Hexacyclic Camptothecin Derivatives with Improved Efficacy in Cancer and Lethal Inflammation Models in Vivo. Journal of Medicinal Chemistry, 2018, 61, 8613-8624.	6.4	27
22	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. Angewandte Chemie, 2018, 130, 8639-8643.	2.0	7
23	Aerobic Oxidation/Annulation Cascades through Synergistic Catalysis of RuCl₃ and Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2018, 24, 12806-12810.	3.3	30
24	Switching Reaction Pathways by Cooperative Catalysis of N-Heterocyclic Carbene and Lewis Acids. Acta Chimica Sinica, 2018, 76, 850.	1.4	6
25	Synthesis of Optically Active Oxazolines by an Organocatalytic Isocyanoacetate Aldol Reaction with Î±-Keto Esters. Synlett, 2017, 28, 1300-1304.	1.8	8
26	Visibleâ€Lightâ€Mediated [4+2] Cycloaddition of Styrenes: Synthesis of Tetralin Derivatives. Angewandte Chemie, 2017, 129, 7000-7004.	2.0	25
27	Visibleâ€Lightâ€Mediated [4+2] Cycloaddition of Styrenes: Synthesis of Tetralin Derivatives. Angewandte Chemie - International Edition, 2017, 56, 6896-6900.	13.8	68
28	Enantioselective Î²-Protonation of Enals via a Shuttling Strategy. Journal of the American Chemical Society, 2017, 139, 7045-7051.	13.7	74
29	Construction of Pyridazine Analogues via Rhodiumâ€mediated Câ€H Activation. Advanced Synthesis and Catalysis, 2017, 359, 3496-3502.	4.3	31
30	Combating Drug-Resistant Mutants of Anaplastic Lymphoma Kinase with Potent and Selective Type-I^{1/2} Inhibitors by Stabilizing Unique DFG-Shifted Loop Conformation. ACS Central Science, 2017, 3, 1208-1220.	11.3	42
31	New frontiers of N-heterocyclic carbene catalysis. Science China Chemistry, 2016, 59, 251-254.	8.2	13
32	Asymmetric Sulfa-Michael Addition of Î±,Î²-Unsaturated Esters/Amides Using a Chiral N-Heterocyclic Carbene as a Noncovalent Organocatalyst. Synlett, 2016, 27, 1068-1072.	1.8	27
33	Highly Enantioselective Azaâ€Michael Reaction between Alkyl Amines and Î²â€Trifluoromethyl Î²â€Aryl Nitroolefins. Angewandte Chemie - International Edition, 2015, 54, 15414-15418.	13.8	89
34	Highly enantioselective sulfa-Michael addition reactions using N-heterocyclic carbene as a non-covalent organocatalyst. Chemical Science, 2015, 6, 4184-4189.	7.4	108
35	Asymmetric catalysis with N-heterocyclic carbenes as non-covalent chiral templates. Nature Communications, 2014, 5, 3437.	12.8	90
36	Enantioselective synthesis of 1,2,4-triazolines catalyzed by a cinchona alkaloid-derived organocatalyst. Chemical Communications, 2013, 49, 11098.	4.1	23

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37	Synthesis of highly monodisperse quantum dotâ€loaded polymer beads by impregnation and precipitation techniques. Journal of Polymer Science Part A, 2013, 51, 2294-2300.	2.3	5
38	RÃ¼cktitelbild: Rhodium(III)-Catalyzed Cï£¿H Activation of Arenes Using a Versatile and Removable Triazene Directing Group (Angew. Chem. 29/2012). Angewandte Chemie, 2012, 124, 7448-7448.	2.0	2
39	Rhodium(III)â€Catalyzed Cï£¿H Activation of Arenes Using a Versatile and Removable Triazene Directing Group. Angewandte Chemie - International Edition, 2012, 51, 7242-7245.	13.8	244
40	Preparation of monodisperse highly-magnetic biodegradable chitosan nanospheres with coreâ€“shell structure. Journal of Controlled Release, 2011, 152, e250-e252.	9.9	4
41	A Crossâ€coupling Reaction between Aliphatic Aldehydes and Sulfonium Salts. Advanced Synthesis and Catalysis, 0, , .	4.3	2
42	Enantioselective Seleno†Michael Addition Reactions Catalyzed by a Chiral Bifunctional N†Heterocyclic Carbene with Noncovalent Activation. Angewandte Chemie, 0, , .	2.0	0