

Jiean Chen

List of Publications by Year in descending order

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42
papers

1,358
citations

394421

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345221

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docs citations

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times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium(III)-Catalyzed C-H Activation of Arenes Using a Versatile and Removable Triazene Directing Group. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7242-7245.	13.8	244
2	Highly enantioselective sulfa-Michael addition reactions using N-heterocyclic carbene as a non-covalent organocatalyst. <i>Chemical Science</i> , 2015, 6, 4184-4189.	7.4	108
3	Asymmetric catalysis with N-heterocyclic carbenes as non-covalent chiral templates. <i>Nature Communications</i> , 2014, 5, 3437.	12.8	90
4	Highly Enantioselective Aza-Michael Reaction between Alkyl Amines and β -Trifluoromethyl α -Aryl Nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15414-15418.	13.8	89
5	Enantioselective β -Protonation of Enals via a Shuttling Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 7045-7051.	13.7	74
6	Visible-Light-Mediated [4+2] Cycloaddition of Styrenes: Synthesis of Tetralin Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6896-6900.	13.8	68
7	Direct Synthesis of Polysubstituted Aldehydes via Visible-Light Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2174-2178.	13.8	53
8	Combating Drug-Resistant Mutants of Anaplastic Lymphoma Kinase with Potent and Selective Type-I ^{1/2} Inhibitors by Stabilizing Unique DFG-Shifted Loop Conformation. <i>ACS Central Science</i> , 2017, 3, 1208-1220.	11.3	42
9	N-Heterocyclic Carbene-Catalyzed 1,4-Alkylacylation of 1,3-Enynes. <i>Organic Letters</i> , 2021, 23, 9251-9255.	4.6	35
10	Construction of Pyridazine Analogues <i>via</i> Rhodium-mediated C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3496-3502.	4.3	31
11	Aerobic Oxidation/Annulation Cascades through Synergistic Catalysis of RuCl ₃ and N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2018, 24, 12806-12810.	3.3	30
12	<i>N</i> -Heterocyclic Carbene-Catalyzed Four-Component Reaction: Chemoselective C [•] -C [•] Relay Coupling Involving the Homoenate Intermediate. <i>ACS Catalysis</i> , 2021, 11, 10123-10130.	11.2	30
13	Asymmetric Sulfa-Michael Addition of β,β -Unsaturated Esters/Amides Using a Chiral N-Heterocyclic Carbene as a Noncovalent Organocatalyst. <i>Synlett</i> , 2016, 27, 1068-1072.	1.8	27
14	Structure-Based Drug Design and Identification of H ₂ O-Soluble and Low Toxic Hexacyclic Camptothecin Derivatives with Improved Efficacy in Cancer and Lethal Inflammation Models <i>In Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8613-8624.	6.4	27
15	Visible-Light-Mediated [4+2] Cycloaddition of Styrenes: Synthesis of Tetralin Derivatives. <i>Angewandte Chemie</i> , 2017, 129, 7000-7004.	2.0	25
16	Enantioselective synthesis of 1,2,4-triazolines catalyzed by a cinchona alkaloid-derived organocatalyst. <i>Chemical Communications</i> , 2013, 49, 11098.	4.1	23
17	A Bifunctional N-Heterocyclic Carbene as a Noncovalent Organocatalyst for Enantioselective Aza-Michael Addition Reactions. <i>ACS Catalysis</i> , 2021, 11, 6316-6324.	11.2	23
18	Enantio- and Diastereoselective Hydrofluorination of Enals by N-Heterocyclic Carbene Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7410-7414.	13.8	22

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19	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8503-8507.	13.8	20
20	Direct Synthesis of Polysubstituted Aldehydes via Visible-Light Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 2196-2200.	2.0	19
21	Photo-induced energy transfer relay of N-heterocyclic carbene catalysis: an asymmetric $\hat{\pm}$ -fluorination/isomerization cascade. <i>Chemical Communications</i> , 2021, 57, 729-732.	4.1	19
22	Enantioselective cooperative proton-transfer catalysis using chiral ammonium phosphates. <i>Chemical Communications</i> , 2018, 54, 1473-1476.	4.1	17
23	Direct Synthesis of Bicyclic Acetals via Visible Light Catalysis. <i>Science</i> , 2020, 23, 101395.	4.1	15
24	New frontiers of N-heterocyclic carbene catalysis. <i>Science China Chemistry</i> , 2016, 59, 251-254.	8.2	13
25	Enantioselective Seleno-Michael Addition Reactions Catalyzed by a Chiral Bifunctional N-Heterocyclic Carbene with Noncovalent Activation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
26	Ligand-Controlled C=O Bond Coupling of Carboxylic Acids and Aryl Iodides: Experimental and Computational Insights. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 126-132.	4.3	11
27	Enantioselective Intramolecular [2,3]-Sigmatropic Rearrangement of Aldehydes via a Sulfonium Enamine Intermediate. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20904-20908.	13.8	11
28	Catalytic cleavage and functionalization of bulky and inert Csp ³ -Csp ³ bonds via a relayed proton-coupled electron transfer strategy. <i>Cell Reports Physical Science</i> , 2022, 3, 100763.	5.6	10
29	Enantioselective synthesis of acyclic monohydrosilanes by steric hindrance assisted C-H silylation. <i>Chemical Communications</i> , 2022, 58, 7388-7391.	4.1	10
30	Histidine-specific bioconjugation via visible-light-promoted thioacetal activation. <i>Chemical Science</i> , 2022, 13, 8289-8296.	7.4	9
31	Synthesis of Optically Active Oxazolines by an Organocatalytic Isocyanoacetate Aldol Reaction with $\hat{\pm}$ -Keto Esters. <i>Synlett</i> , 2017, 28, 1300-1304.	1.8	8
32	Enantioselective Hydroamidation of Enals by Trapping of a Transient Acyl Species. <i>Angewandte Chemie</i> , 2018, 130, 8639-8643.	2.0	7
33	Switching Reaction Pathways by Cooperative Catalysis of N-Heterocyclic Carbene and Lewis Acids. <i>Acta Chimica Sinica</i> , 2018, 76, 850.	1.4	6
34	Synthesis of highly monodisperse quantum dot-loaded polymer beads by impregnation and precipitation techniques. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2294-2300.	2.3	5
35	Synthesis of $\hat{\pm}$ -chiral phosphine sulfides via non-covalent organocatalysis. <i>Cell Reports Physical Science</i> , 2021, 2, 100490.	5.6	5
36	Preparation of monodisperse highly-magnetic biodegradable chitosan nanospheres with core-shell structure. <i>Journal of Controlled Release</i> , 2011, 152, e250-e252.	9.9	4

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37	Alcohol-Directed ortho-C ¹³ H Alkenylation. <i>Synlett</i> , 2019, 30, 1366-1370.	1.8	3
38	Enantio- and Diastereoselective Hydrofluorination of Enals by N-Heterocyclic Carbene Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 7488-7492.	2.0	3
39	Rücktitelbild: Rhodium(III)-Catalyzed C ¹³ H Activation of Arenes Using a Versatile and Removable Triazene Directing Group (<i>Angew. Chem.</i> 29/2012). <i>Angewandte Chemie</i> , 2012, 124, 7448-7448.	2.0	2
40	A Cross-coupling Reaction between Aliphatic Aldehydes and Sulfonium Salts. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	2
41	Enantioselective Intramolecular [2,3]-Sigmatropic Rearrangement of Aldehydes via a Sulfonium Enamine Intermediate. <i>Angewandte Chemie</i> , 2020, 132, 21090-21094.	2.0	1
42	Enantioselective Seleno-Michael Addition Reactions Catalyzed by a Chiral Bifunctional N-Heterocyclic Carbene with Noncovalent Activation. <i>Angewandte Chemie</i> , 0, , .	2.0	0