

# Fan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

414  
citations

933447

10  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-promoted [2+2+2] annulation of 1,n-enynes through decomposition of azobis(alkyl nitrile)s. <i>Chemical Communications</i> , 2017, 53, 1265-1268.	4.1	56
2	Direct Sulfenylation of Imidazoheterocycles with Disulfides in an Iodine-Hydrogen Peroxide System. <i>Synthesis</i> , 2015, 47, 659-671.	2.3	39
3	Unexpected Role of <i>p</i> -Toluenesulfonylmethyl Isocyanide as a Sulfonylating Agent in Reactions with $\alpha$ -Bromocarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2016, 81, 5504-5512.	3.2	38
4	Vinylene carbonate: beyond the ethyne surrogate in rhodium-catalyzed annulation with amidines toward 4-methylquinazolines. <i>Chemical Communications</i> , 2021, 57, 3929-3932.	4.1	38
5	Recent advances in the Rh-catalyzed cascade arene C-H bond activation/annulation toward diverse heterocyclic compounds. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1705-1721.	2.8	37
6	Direct trifluoromethylation of imidazoheterocycles in a recyclable medium at room temperature. <i>RSC Advances</i> , 2015, 5, 29766-29773.	3.6	34
7	Iron-Catalyzed Direct C-H Thiolation of Trimethoxybenzene with Disulfides. <i>Synthetic Communications</i> , 2012, 42, 2844-2853.	2.1	29
8	Copper-Catalyzed <i>N</i> -Formylation of Amines through Tandem Amination/Hydrolysis/Decarboxylation Reaction of Ethyl Bromodifluoroacetate. <i>Journal of Organic Chemistry</i> , 2018, 83, 12815-12821.	3.2	28
9	Copper(II)-catalyzed <i>ortho</i> -Benzoylation of 2-Arylpyridines with Sodium Carboxylates. <i>Chemistry Letters</i> , 2012, 41, 600-602.	1.3	26
10	Copper-Catalyzed Cyanation of Arylboronic Acids Using DDQ as Cyanide Source. <i>Synlett</i> , 2012, 23, 2247-2250.	1.8	21
11	Mechanistic DFT Study on Rhodium(III)-Catalyzed Double C-H Activation for Oxidative Annulations of $\alpha$ -Substituted Imidazoles and Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 586-591.	2.7	9
12	Metal-Free Oxidative Deamination Cross-Coupling of Imidazoheterocycles with 2-Aminobenzothiazoles. <i>Synthesis</i> , 2016, 48, 687-696.	2.3	8
13	Iodine-promoted ring-opening methylation of benzothiazoles with dimethyl sulfite. <i>Chemical Communications</i> , 2021, 57, 1923-1926.	4.1	8
14	Mg <sup>2+</sup> -Assisted Passivation of Surface Defects of Perovskite Polymer Composite Films for White Light-Emitting Diodes. <i>ACS Photonics</i> , 2021, 8, 2130-2138.	6.6	8
15	NH <sub>4</sub> PF <sub>6</sub> -promoted cyclodehydration of $\alpha$ -amino carbonyl compounds: efficient synthesis of pyrrolo[3,2,1- <i>ij</i> ]quinoline and indole derivatives. <i>RSC Advances</i> , 2014, 4, 53837-53841.	3.6	7
16	Synthesis and Structure-Antitumor Activity Relationship of Sulfonyl 5-Fluorouracil Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 158-164.	1.6	6
17	Rhodium-Catalyzed Dimerization of Diaryl Acetylenes in the Presence of Grignard Reagents: Synthesis of 1,2,3-Triphenyl Naphthalene Derivatives. <i>Synthetic Communications</i> , 2012, 42, 3242-3250.	2.1	6
18	Palladium-Catalyzed Tandem Carbocyclization and Heteroarylation for the Synthesis of 2-(Trifluoromethyl)indenylmethyleneindoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 307-313.	3.2	5

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19	Iron-catalyzed radical cascade 6- <i>endo</i> cyclization of dienes towards fused nitrogen heterocycles initiated by an alkoxy carbonyl radical. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7086-7089.	2.8	5
20	The intramolecular reaction of acetophenone <i>N</i> -tosylhydrazone and vinyl: Brønsted acid-promoted cationic cyclization toward polysubstituted indenenes. <i>Chemical Communications</i> , 2021, 57, 1810-1813.	4.1	5
21	Pre-column derivatization and HPLC-ESI-MS/MS determination of fatty acids in <i>Sargassum fusiforme</i> algae. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4482-4489.	3.2	1