

# Jun-An

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43  
papers

833  
citations

17  
h-index

27  
g-index

44  
ext. papers

1,163  
ext. citations

8.4  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
43	-Iodosuccinimide-Promoted [3 + 2] Annulation Reaction of Aryldiazonium Salts with Guanidines To Construct Aminotetrazoles. <i>Organic Letters</i> , <b>2021</b> , 23, 8894-8898	6.2	3
42	Catalytic regioselective construction of phenylthio- and phenoxyldifluoroalkyl tetrazoles from difluorodiazoketones. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	2
41	Zinc-Enabled Annulation of Trifluorodiazethane with 2-Azirines to Construct Trifluoromethyl Pyrazolines, Pyrazoles, and Pyridazines. <i>Organic Letters</i> , <b>2021</b> , 23, 6062-6066	6.2	9
40	Regioselective [3 + 2] Cycloaddition Reaction of 3-Alkynoates with Seyferth-Gilbert Reagent. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3574-3582	4.2	2
39	Et3N-catalyzed direct cycloaddition reaction of allenates with acceptor diazo compounds. <i>Tetrahedron</i> , <b>2021</b> , 81, 131922	2.4	6
38	Triazines: Syntheses and Inverse Electron-demand Diels-Alder Reactions. <i>Chemical Reviews</i> , <b>2021</b> , 121, 14555-14593	68.1	11
37	Radical 1,5-Chloropentafluorosulfanylation of Unactivated Vinylcyclopropanes and Transformation into $\beta$ F Ketones. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 13808-13816	4.2	2
36	High-Throughput Fluorescence Assay for Ketone Detection and Its Applications in Enzyme Mining and Protein Engineering. <i>ACS Omega</i> , <b>2020</b> , 5, 13588-13594	3.9	2
35	Catalytic Asymmetric Access to Noncanonical Chiral $\beta$ Amino Acids from Cyclic Iminoglyoxylates and Enamides. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 5580-5589	4.2	7
34	Direct Enamido C(sp <sup>3</sup> )-H Diphosphorylation Enabled by a PCET-Triggered Double Radical Relay: Access to gem-Bisphosphonates. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5515-5521	4.8	5
33	Organocatalytic asymmetric synthesis of $\beta$ diaryl ketones via one-pot tandem dehydration/1,6-addition/decarboxylation transformation of $\beta$ keto acids and 4-hydroxybenzyl alcohols. <i>Chemical Communications</i> , <b>2020</b> , 56, 8687-8690	5.8	7
32	Cu-Mediated Expeditious Annulation of Alkyl 3-Aminoacrylates with Aryldiazonium Salts: Access to Alkyl-Aryl 1,2,3-Triazole-carboxylates for Druglike Molecular Synthesis. <i>Organic Letters</i> , <b>2020</b> , 22, 1396-1401	6.2	14
31	Direct N-formylation of nitroarenes with CO. <i>Chemical Communications</i> , <b>2020</b> , 56, 9620-9623	5.8	8
30	Silver-Catalyzed [3+2] Cycloaddition Approach to Coumarin-Decorated Tetrazoles. <i>ChemCatChem</i> , <b>2020</b> , 12, 5623-5626	5.2	5
29	General Synthesis of Tri-Carbo-Substituted -Aryl-1,2,3-triazoles Cu-Catalyzed Annulation of Azirines with Aryldiazonium Salts. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 10872-10883	4.2	12
28	Data mining of amine dehydrogenases for the synthesis of enantiopure amino alcohols. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 5945-5952	5.5	8
27	Silver-Promoted Direct Phosphorylation of Bulky C(sp <sup>3</sup> )-H Bond to Build Fully Substituted $\beta$ Phosphonodehydroamino Acids. <i>Organic Letters</i> , <b>2020</b> , 22, 6414-6419	6.2	10

26	Catalytic Direct Construction of Cyano-tetrazoles. <i>Organic Letters</i> , <b>2020</b> , 22, 7762-7767	6.2	7
25	Chemodivergent and Stereoselective Construction of $\beta$ -Difluoroallylic Amines from Masked Difluorodiazole Reagents. <i>Organic Letters</i> , <b>2019</b> , 21, 8244-8249	6.2	15
24	Design, Synthesis, and Evaluation of F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8866-8872	8.3	11
23	Chiral $\beta$ -Keto Propargylamine Synthesis via Enantioselective Mannich Reaction of Enamides with $\beta$ -Alkynyl $\beta$ -Boc $\beta$ -Acetals. <i>Organic Letters</i> , <b>2019</b> , 21, 8419-8423	6.2	12
22	Computational Insights into the Catalytic Mechanism of Bacterial Carboxylic Acid Reductase. <i>Journal of Chemical Information and Modeling</i> , <b>2019</b> , 59, 832-841	6.1	14
21	Manganese-mediated reductive amidation of esters with nitroarenes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 756-761	5.2	17
20	Construction of Chiral $\beta$ -Trifluoromethyl Alcohols Enabled by Catalytic Enantioselective Aldol-Type Reaction of CF <sub>3</sub> CH <sub>2</sub> N. <i>Organic Letters</i> , <b>2019</b> , 21, 4280-4283	6.2	15
19	Construction of Difluoromethylated Tetrazoles via Silver-Catalyzed Regioselective [3 + 2] Cycloadditions of Aryl Diazonium Salts. <i>Organic Letters</i> , <b>2019</b> , 21, 4808-4811	6.2	29
18	Development of Cyanopyrazoles as Building Blocks to Fungicide Fluxapyroxad and Analogues. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 7148-7158	4.2	8
17	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a "Tail Switching" Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 3336-3353	8.3	18
16	Silver-Catalyzed [3 + 3] Dipolar Cycloaddition of Trifluorodiazole and Glycine Imines: Access to Highly Functionalized Trifluoromethyl-Substituted Triazines and Pyridines. <i>ACS Catalysis</i> , <b>2019</b> , 9, 4600-4608	13.1	35
15	Catalytic alkylation of unactivated C(sp <sup>3</sup> )-H bonds for C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) bond formation. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4921-4942	58.5	103
14	Direct Amidation of Carboxylic Acids with Nitroarenes. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13922-13934	4.2	11
13	Catalytic Direct Regioselective Synthesis of Phosphonylated Tetrazoles from Aryl Diazonium Salts and Seyferth-Gilbert Reagent. <i>Organic Letters</i> , <b>2019</b> , 21, 9884-9888	6.2	22
12	Transition-Metal-Free [3 + 2] Cycloaddition of Nitroolefins and Diazoacetone: A Facile Access to Multisubstituted Cyanopyrazoles. <i>Organic Letters</i> , <b>2018</b> , 20, 2120-2124	6.2	24
11	Telescoping Reactions with Trifluorodiazole-Derived Aza-Wittig Reagents and Allenyl esters. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7749-7754	4.8	14
10	Chiral phosphoric acid-catalyzed direct asymmetric mannich reaction of cyclic C-acylimines with simple ketones: facile access to C2-quaternary indolin-3-ones. <i>Chemical Communications</i> , <b>2018</b> , 54, 9151-9154	5.8	30
9	Direct Regioselective [3 + 2] Cycloaddition Reactions of Masked Difluorodiazole with Electron-Deficient Alkynes and Alkenes: Synthesis of Difluoromethyl-Substituted Pyrazoles. <i>Organic Letters</i> , <b>2018</b> , 20, 4562-4565	6.2	34

8	Zinc-Mediated Mannich-Type Reaction of 2,2,2-Trifluorodiazoethane with Imines: Access to $\beta$ -CF <sub>3</sub> -Amines. <i>Organic Letters</i> , <b>2018</b> , 20, 6994-6997	6.2	20
7	Manganese-Mediated Reductive Transamidation of Tertiary Amides with Nitroarenes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6789-6792	16.4	66
6	Organocatalytic Asymmetric Decarboxylative Mannich Reaction of $\beta$ -Keto Acids with Cyclic $\beta$ -Ketiminophosphonates: Access to Quaternary $\beta$ -Aminophosphonates. <i>Organic Letters</i> , <b>2018</b> , 20, 3643-3646	6.2	35
5	Organocatalytic Asymmetric Decarboxylative Amination of $\beta$ -Keto Acids: Access to Optically Active $\beta$ -Amino Ketones and 1,2-Amino Alcohols. <i>Organic Letters</i> , <b>2017</b> , 19, 2162-2165	6.2	28
4	One-Pot Cascade Transformations of Zinc Trifluorodiazoethylide and $\beta$ -Unsaturated Enones: Access to Trifluoromethylated Polycyclic Pyrazolines. <i>Organic Letters</i> , <b>2017</b> , 19, 3406-3409	6.2	34
3	Nucleophilic Trifluoromethylthiolation of Cyclic Sulfamidates: Access to Chiral $\beta$ - and $\beta$ -CF <sub>3</sub> Amines and $\beta$ -Amino Esters. <i>Organic Letters</i> , <b>2017</b> , 19, 1974-1977	6.2	33
2	Catalytic Asymmetric Mukaiyama-Mannich Reaction of Cyclic C-Acylimines with Difluoroenoxyasilanes: Access to Difluoroalkylated Indolin-3-ones. <i>Organic Letters</i> , <b>2017</b> , 19, 6364-6367	6.2	57
1	C-Symmetric Chiral Bisoxazolines as Hydrogen-Bond-Acceptor Catalysts in Enantioselective Aldol Reaction of $\beta$ -Carbonyl Acids with Trifluoroacetaldehyde Hemiacetals. <i>Organic Letters</i> , <b>2016</b> , 18, 6364-6367	6.2	26