

Jun-An

List of Publications by Year in descending order

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257450

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#	ARTICLE	IF	CITATIONS
1	Quadruple Functionalized Pyrazole Pharmacophores by One-pot Regioselective [3+2] Cycloaddition of Fluorinated Nitrile Imines and Dicyanoalkenes. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	18
2	Regioselective [3 + 2] Cycloaddition Reaction of 3-Alkynoates with Seyferth-Gilbert Reagent. <i>Journal of Organic Chemistry</i> , 2021, 86, 3574-3582.	3.2	10
3	Et ₃ N-catalyzed direct cycloaddition reaction of allenoates with acceptor diazo compounds. <i>Tetrahedron</i> , 2021, 81, 131922.	1.9	10
4	Zinc-Enabled Annulation of Trifluorodiazaoethane with 2-H-Azirines to Construct Trifluoromethyl Pyrazolines, Pyrazoles, and Pyridazines. <i>Organic Letters</i> , 2021, 23, 6062-6066.	4.6	25
5	Triazines: Syntheses and Inverse Electron-demand Diels-Alder Reactions. <i>Chemical Reviews</i> , 2021, 121, 14555-14593.	47.7	67
6	Radical 1,5-Chloropentafluorosulfanylation of Unactivated Vinylcyclopropanes and Transformation into α -SF ₅ Ketones. <i>Journal of Organic Chemistry</i> , 2021, 86, 13808-13816.	3.2	18
7	<i>N</i> -Iodosuccinimide-Promoted [3 + 2] Annulation Reaction of Aryldiazonium Salts with Guanidines To Construct Aminotetrazoles. <i>Organic Letters</i> , 2021, 23, 8894-8898.	4.6	7
8	Catalytic regioselective construction of phenylthio- and phenoxydifluoroalkyl tetrazoles from difluorodiazoketones. <i>Chemical Communications</i> , 2021, 57, 13744-13747.	4.1	3
9	Direct <i>N</i> -formylation of nitroarenes with CO ₂ . <i>Chemical Communications</i> , 2020, 56, 9620-9623.	4.1	21
10	Silver-Catalyzed [3+2] Cycloaddition Approach to Coumarin-Decorated Tetrazoles. <i>ChemCatChem</i> , 2020, 12, 5623-5626.	3.7	12
11	General Synthesis of Tri-Carbo-Substituted <i>N</i> ² -Aryl-1,2,3-triazoles <i>via</i> Cu-Catalyzed Annulation of Azirines with Aryldiazonium Salts. <i>Journal of Organic Chemistry</i> , 2020, 85, 10872-10883.	3.2	21
12	Data mining of amine dehydrogenases for the synthesis of enantiopure amino alcohols. <i>Catalysis Science and Technology</i> , 2020, 10, 5945-5952.	4.1	21
13	Silver-Promoted Direct Phosphorylation of Bulky C(sp ²)-H Bond to Build Fully Substituted β -Phosphonodehydroamino Acids. <i>Organic Letters</i> , 2020, 22, 6414-6419.	4.6	27
14	Catalytic Direct Construction of Cyano-tetrazoles. <i>Organic Letters</i> , 2020, 22, 7762-7767.	4.6	15
15	High-Throughput Fluorescence Assay for Ketone Detection and Its Applications in Enzyme Mining and Protein Engineering. <i>ACS Omega</i> , 2020, 5, 13588-13594.	3.5	6
16	Catalytic Asymmetric Access to Noncanonical Chiral β -Amino Acids from Cyclic Iminoglyoxylates and Enamides. <i>Journal of Organic Chemistry</i> , 2020, 85, 5580-5589.	3.2	11
17	Direct Enamido C(sp ²)-H Diphosphorylation Enabled by a PCET-Triggered Double Radical Relay: Access to gem-Bisphosphonates. <i>Chemistry - A European Journal</i> , 2020, 26, 5515-5521.	3.3	14
18	Organocatalytic asymmetric synthesis of β,β -diaryl ketones <i>via</i> one-pot tandem dehydration/1,6-addition/decarboxylation transformation of β -keto acids and 4-hydroxybenzyl alcohols. <i>Chemical Communications</i> , 2020, 56, 8687-8690.	4.1	15

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19	Cu-Mediated Expedient Annulation of Alkyl 3-Aminoacrylates with Aryldiazonium Salts: Access to Alkyl <i>N</i> -Aryl 1,2,3-Triazole-carboxylates for Druglike Molecular Synthesis. <i>Organic Letters</i> , 2020, 22, 1396-1401.	4.6	25
20	Catalytic alkylation of unactivated C(sp ³)-H bonds for C(sp ³)-C(sp ³) bond formation. <i>Chemical Society Reviews</i> , 2019, 48, 4921-4942.	38.1	196
21	Direct Amidation of Carboxylic Acids with Nitroarenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 13922-13934.	3.2	32
22	Chemodivergent and Stereoselective Construction of <i>gem</i> -Difluoroallylic Amines from Masked Difluorodiazole Reagents. <i>Organic Letters</i> , 2019, 21, 8244-8249.	4.6	27
23	Design, Synthesis, and Evaluation of ¹⁸ F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	6.4	22
24	Chiral β -Keto Propargylamine Synthesis via Enantioselective Mannich Reaction of Enamides with <i>N</i> -Alkynyl <i>N</i> -Boc <i>N</i> , <i>O</i> -Acetals. <i>Organic Letters</i> , 2019, 21, 8419-8423.	4.6	22
25	Computational Insights into the Catalytic Mechanism of Bacterial Carboxylic Acid Reductase. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 832-841.	5.4	26
26	Manganese-mediated reductive amidation of esters with nitroarenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 756-761.	4.5	37
27	Construction of Chiral β -Trifluoromethyl Alcohols Enabled by Catalytic Enantioselective Aldol-Type Reaction of CF ₃ CHN ₂ . <i>Organic Letters</i> , 2019, 21, 4280-4283.	4.6	20
28	Construction of Difluoromethylated Tetrazoles via Silver-Catalyzed Regioselective [3 + 2] Cycloadditions of Aryl Diazonium Salts. <i>Organic Letters</i> , 2019, 21, 4808-4811.	4.6	42
29	Development of Cyanopyrazoles as Building Blocks to Fungicide Fluxapyroxad and Analogues. <i>Journal of Organic Chemistry</i> , 2019, 84, 7148-7158.	3.2	12
30	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a α -Tail Switching Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	6.4	28
31	Silver-Catalyzed [3 + 3] Dipolar Cycloaddition of Trifluorodiazethane and Glycine Imines: Access to Highly Functionalized Trifluoromethyl-Substituted Triazines and Pyridines. <i>ACS Catalysis</i> , 2019, 9, 4600-4608.	11.2	65
32	Catalytic Direct Regioselective Synthesis of Phosphonylated Tetrazoles from Aryl Diazonium Salts and Seyferth-Gilbert Reagent. <i>Organic Letters</i> , 2019, 21, 9884-9888.	4.6	28
33	Transition-Metal-Free [3 + 2] Cycloaddition of Nitroolefins and Diazoacetonitrile: A Facile Access to Multisubstituted Cyanopyrazoles. <i>Organic Letters</i> , 2018, 20, 2120-2124.	4.6	44
34	Telescoping Reactions with Trifluorodiazethane-Derived Aza-Wittig Reagents and Allenyl esters. <i>Chemistry - A European Journal</i> , 2018, 24, 7749-7754.	3.3	17
35	Zinc-Mediated Mannich-Type Reaction of 2,2,2-Trifluorodiazethane with Imines: Access to β -CF ₃ -Amines. <i>Organic Letters</i> , 2018, 20, 6994-6997.	4.6	25
36	Manganese-Mediated Reductive Transamidation of Tertiary Amides with Nitroarenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 6789-6792.	13.7	111

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37	Organocatalytic Asymmetric Decarboxylative Mannich Reaction of β -Keto Acids with Cyclic β -Ketiminophosphonates: Access to Quaternary β -Aminophosphonates. <i>Organic Letters</i> , 2018, 20, 3643-3646.	4.6	52
38	Chiral phosphoric acid-catalyzed direct asymmetric mannich reaction of cyclic β -acylimines with simple ketones: facile access to C2-quaternary indolin-3-ones. <i>Chemical Communications</i> , 2018, 54, 9151-9154.	4.1	53
39	Direct Regioselective [3 + 2] Cycloaddition Reactions of Masked Difluorodiazaoethane with Electron-Deficient Alkynes and Alkenes: Synthesis of Difluoromethyl-Substituted Pyrazoles. <i>Organic Letters</i> , 2018, 20, 4562-4565.	4.6	50
40	Organocatalytic Asymmetric Decarboxylative Amination of β -Keto Acids: Access to Optically Active β -Amino Ketones and 1,2-Amino Alcohols. <i>Organic Letters</i> , 2017, 19, 2162-2165.	4.6	32
41	One-Pot Cascade Transformations of Zinc Trifluorodiazaoethylide and β , γ -Unsaturated Enones: Access to Trifluoromethylated Polycyclic Pyrazolines. <i>Organic Letters</i> , 2017, 19, 3406-3409.	4.6	39
42	Nucleophilic Trifluoromethylthiolation of Cyclic Sulfamidates: Access to Chiral β - and γ -SCF ₃ Amines and β -Amino Esters. <i>Organic Letters</i> , 2017, 19, 1974-1977.	4.6	39
43	Catalytic Asymmetric Mukaiyama- β -Mannich Reaction of Cyclic β -Acylimines with Difluoroenoxy silanes: Access to Difluoroalkylated Indolin-3-ones. <i>Organic Letters</i> , 2017, 19, 6364-6367.	4.6	84
44	β -Symmetric Chiral Bisoxazolines as Hydrogen-Bond-Acceptor Catalysts in Enantioselective Aldol Reaction of β -Carbonyl Acids with Trifluoroacetaldehyde Hemiacetals. <i>Organic Letters</i> , 2016, 18, 6364-6367.	4.6	32