

# Jiannan Xiang

## List of Publications by Year in descending order

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papers

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361413

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1242  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-Light-Induced Dehydrogenative N-Acylation of Amines with 2-Nitrobenzaldehydes To Give 2-Aminobenzamides. <i>Synthesis</i> , 2022, 54, 2361-2372.	2.3	4
2	One-Pot Three-Component Coupling Reaction of $\alpha$ -Amino Aryl Ketones, Indoles, and Perbromomethane Under Mild Conditions. <i>Frontiers in Chemistry</i> , 2022, 10, 825772.	3.6	0
3	Copper/Iodine-Catalyzed Hydroxyamination of Alkenyl Keto Oximes Using DMSO as the Oxygen Atom Source and Medium. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	1
4	$\text{CF}_3\text{SO}_2\text{Na}$ -Mediated Five-Component Carbonylation of Triarylboroxines with $\text{TMSCF}_3$ and THF/LiOH/NaI to Give Aryloxyalkyl Iodides. <i>Journal of Organic Chemistry</i> , 2022, 87, 9635-9644.	3.2	2
5	Design, synthesis, and evaluation of new 2-oxoquinoline arylaminothiazole derivatives as potential anticancer agents. <i>Bioorganic Chemistry</i> , 2021, 106, 104469.	4.1	7
6	Through-Space C $\pi$ -Br $\pi$ Halogen Interaction: Efficient Modulation of Reaction-Based Photochromism and Photoluminescence at Crystalline States for Irradiation Time-Dependent Anti-Counterfeiting. <i>Advanced Functional Materials</i> , 2021, 31, 2009024.	14.9	27
7	Oxidative alkylation/alkynylation of terminal alkenes <i>via</i> alkylaldehyde decarbonylation and 1,2-alkynyl migration. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3154-3158.	2.8	4
8	Fe-mediated synthesis of <i>N</i> -aryl amides from nitroarenes and acyl chlorides. <i>RSC Advances</i> , 2021, 11, 15290-15295.	3.6	10
9	Methylation Alkynylation of Terminal Alkenes via 1,2-Alkynyl Migration Using Dicumyl Peroxide as the Methyl Source. <i>Synthesis</i> , 2021, 53, 4700-4708.	2.3	1
10	Cu(OAc) $_2$ and acids promoted the oxidative cleavage of $\alpha$ -aminocarbonyl compounds with amines: efficient and selective synthesis of 2- <i>t</i> -amino-2-imino-carbonyl and 2-amino-2-oxocarbonyl. <i>Tetrahedron Letters</i> , 2020, 61, 151913.	1.4	4
11	Synthesis of 2-oxo-acetamidines via copper-catalyzed oxidative cross-coupling of $\alpha$ -amino ketone compounds with amines. <i>Catalysis Communications</i> , 2019, 131, 105766.	3.3	0
12	Recent advances in radical-mediated [2+2+m] annulation of 1, <i>n</i> -enynes. <i>Science China Chemistry</i> , 2019, 62, 1463-1475.	8.2	52
13	Spiro-Functionalized Diphenylethenes: Suppression of a Reversible Photocyclization Contributes to the Aggregation-Induced Emission Effect. <i>Journal of the American Chemical Society</i> , 2019, 141, 9803-9807.	13.7	65
14	Metal-free oxidative [2+2+1] heteroannulation of 1,7-enynes with thiocyanates toward thieno[3,4- <i>c</i> ]quinolin-4(5- <i>H</i> )-ones. <i>Chemical Communications</i> , 2019, 55, 6727-6730.	4.1	23
15	Silver-Catalyzed Decarboxylative Couplings of Acids and Anhydrides: An Entry to 1,2-Diketones and Aryl-Substituted Ethanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1439-1443.	4.3	23
16	Copper-Catalyzed Oxidative Self-Coupling of $\alpha$ -Amino Carbonyl Compounds for the Synthesis of Tetrasubstituted 1,4-Enediones. <i>Synlett</i> , 2018, 29, 2422-2426.	1.8	1
17	Synthesis of <i>N</i> -arylsulfonamides <i>via</i> Fe-promoted reaction of sulfonyl halides with nitroarenes in an aqueous medium. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5016-5020.	2.8	23
18	Synthesis of $\alpha$ -CF $_3$ Ketones through Copper/Silver Cocatalyzed Oxidative Coupling of Enol Acetates with ICH $_2$ CF $_3$ . <i>Synlett</i> , 2018, 29, 2279-2282.	1.8	3

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19	PhI(OAc) <sub>2</sub> -mediated 1,2-aminohalogenation of alkynes: a general access to (E)-4-(halomethylene)oxazolidin-2-ones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3964-3967.	2.8	10
20	A new fluoropyrido[3,4-b]pyrazine based polymer for efficient photovoltaics. <i>Polymer Chemistry</i> , 2017, 8, 2227-2234.	3.9	4
21	Hypervalent iodine-triggered transformation of homopropargyl sulfonamides into dihalo-2,3-dihydropyrroles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 796-800.	2.8	7
22	Copper-catalyzed oxidative cross-coupling of $\alpha$ -aminocarbonyl compounds with primary amines toward 2-oxo-acetamidines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8134-8139.	2.8	19
23	Synthesis of 2-amino-1,3,4-oxadiazoles through Elemental Sulfur Promoted Cyclization of Hydrazides with Isocyanides. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1611-1618.	4.9	8
24	Synthesis of 3-acylated indoles through iron-catalyzed oxidative coupling of indoles with $\alpha$ -amino carbonyl compounds. <i>Synthetic Communications</i> , 2017, 47, 2062-2069.	2.1	3
25	One-Pot Three-Component Synthesis of Novel Diethyl((2-oxo-1,2-dihydroquinolin-3-yl)(arylamino)methyl)phosphonate as Potential Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2016, 17, 653.	4.1	21
26	Highly Efficient Synthesis of $\alpha$ -Halomethylketones via Ce(SO <sub>4</sub> ) <sub>2</sub> /Acid Co-Catalyzed Hydration of Alkynes. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1251-1254.	4.9	12
27	Copper-Catalyzed C-H Oxidative Radical Functionalization and Annulation of Aniline-Linked 1,7-Enynes: Evidence for a 1,5-Hydride Shift Mechanism. <i>Organic Letters</i> , 2016, 18, 6460-6463.	4.6	72
28	A Mild and Rapid Synthesis of $\alpha$ -Sulfonyl Enoates from Sodium Sulfinates and Propargyl Esters. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1245-1250.	4.9	1
29	Efficient Synthesis of Vinyl Sulfones by Manganese-Catalyzed Decarboxylative Coupling of Cinnamic Acids with Aromatic Sulfinic Acid Sodium Salts. <i>Synlett</i> , 2016, 27, 2695-2698.	1.8	14
30	Copper/Silver Cocatalyzed Oxidative Coupling of Vinylarenes with ICH <sub>2</sub> CF <sub>3</sub> or ICH <sub>2</sub> CHF <sub>2</sub> Leading to $\alpha$ -CF <sub>3</sub> /CHF <sub>2</sub> -Substituted Ketones. <i>Organic Letters</i> , 2016, 18, 1780-1783.	4.6	45
31	Synthesis of Malonates from 3-Halopropynoates, Alcohols, and Water Using DABCO. <i>Synthesis</i> , 2015, 47, 3309-3314.	2.3	2
32	Copper-catalyzed oxidative alkenylation of C(sp <sup>3</sup> )-H bonds via benzyl or alkyl radical addition to $\alpha$ -nitrostyrenes. <i>New Journal of Chemistry</i> , 2015, 39, 3093-3097.	2.8	27
33	Copper-Catalyzed Oxidative ipso-Cyclization of N-(p-Methoxyaryl)propiolamides with Disulfides and Water Leading to 3-(Arylthio)-1-azaspiro[4.5]deca-3,6,9-triene-2,8-diones. <i>Synlett</i> , 2015, 26, 1213-1216.	1.8	30
34	Cleaved DNzyme substrate induced enzymatic cascade for the exponential amplified analysis of l-histidine. <i>Talanta</i> , 2015, 132, 809-813.	5.5	7
35	Base-Mediated Synthesis of 1-Aryl-4-(phenylsulfonyl)butan-1-ones from 1,2-Bis(phenylsulfonyl)ethane and Ketones. <i>Synthesis</i> , 2014, 46, 203-211.	2.3	2
36	Gold(I)-Catalyzed Hydration of Alkynylphosphonates: Efficient Access to $\alpha$ -Ketophosphonates. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2668-2671.	2.4	34

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37	Method for Transforming Alkynes into ( <i>E</i> )-Dibromoalkenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 11378-11382.	3.2	36
38	A rhodamine-quinoline type molecular switch as a highly selective sequential sensor for Al <sup>3+</sup> and F <sup>-</sup> in aqueous solution. <i>RSC Advances</i> , 2014, 4, 42337-42345.	3.6	38
39	Gold-catalyzed Synthesis of 4-(2-Oxoalkoxy)butyl Methanesulfonates via Ring-opening of Tetrahydrofuran. <i>Chemistry Letters</i> , 2014, 43, 893-894.	1.3	14
40	Copper-Catalyzed Amidation of Acids Using Formamides as the Amine Source. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5737-5742.	2.4	37
41	Nickel-Catalyzed Oxidative Cyclotrimerization of $\alpha$ -Amino Ketones: Selective Synthesis of Pyrazoles. <i>Synlett</i> , 2013, 25, 64-68.	1.8	3
42	Copper-Catalyzed $\alpha$ -Aminoxylation of Ketones with 2,2,6,6-Tetramethylpiperidine-1-oxyl (TEMPO). <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3387-3390.	4.3	24
43	Cu(OAc) <sub>2</sub> -Catalyzed Thiolation of Acyl C-H Bonds with Thiols Using TBHP as an Oxidant. <i>Synlett</i> , 2013, 24, 443-448.	1.8	35
44	Straightforward and Highly Efficient Synthesis of $\alpha$ -Acetoxy Ketones through Gold-Catalyzed Intermolecular Oxidation of Terminal Alkynes. <i>Synthesis</i> , 2013, 45, 2605-2611.	2.3	12
45	Gold-Catalyzed Intermolecular Oxidation of Terminal Alkynes: Simple and Efficient Synthesis of $\alpha$ -Mesyloxy Ketones. <i>Synlett</i> , 2013, 24, 1809-1812.	1.8	27
46	One-pot Preparation of Homopropargylic <i>N</i> -Sulfonylamines Catalyzed by Zinc Powder. <i>Chemistry Letters</i> , 2013, 42, 1233-1234.	1.3	10
47	Gold-Catalyzed Skeletal Rearrangement of 1-[2-(1 <i>H</i> -Isochromen-3-yl)aryl]ethanones with Alcohols. <i>Synthesis</i> , 2012, 44, 2049-2057.	2.3	1
48	New, Simple, and Effective Thiosemicarbazide Ligand for Copper(II)-Catalyzed <i>N</i> -Arylation of Imidazoles. <i>Synthetic Communications</i> , 2012, 42, 1192-1199.	2.1	6
49	Synthesis and characterization of biodegradable amphiphilic triblock copolymers methoxy-poly(ethylene glycol)- <i>b</i> -poly(L-lysine)- <i>b</i> -poly(L-lactic acid). <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	12
50	Transition Metal-Catalyzed C-H Oxidation Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2012, 32, 1555.	1.3	29
51	A Convenient Method for the Synthesis of the Amphiphilic Triblock Copolymer Poly(L-lactic acid)- <i>b</i> -Poly(L-lysine)- <i>b</i> -Poly(ethylene glycol). 2 Monomethyl Ether. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 563-573.		8
52	Convenient and Efficient Palladium-Catalyzed Coupling Reaction Between Ferroceneboronic Acid and Organic Triflates. <i>Synthetic Communications</i> , 2010, 40, 1202-1208.	2.1	7
53	Novel Stereoselective Synthesis of 4-Acetoxyazetidinone from Methyl 6,6-Dibromopenicillanate: Key Intermediate for the Preparation of Carbapenem Antibiotics. <i>Synthetic Communications</i> , 2009, 39, 4019-4029.	2.1	2
54	A new biodegradable polymer: PEGylated chitosan-g-PEI possessing a hydroxyl group at the PEG end. <i>Journal of Polymer Research</i> , 2008, 15, 181-185.	2.4	35

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55	A High Yield and Pilot-Scale Process for the Preparation of Adapalene. <i>Organic Process Research and Development</i> , 2006, 10, 285-288.	2.7	25