

Xiang-Zhi Zhang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Copper-catalyzed 1,2-Borylacylation of 1,3-Enynes: Synthesis of β^2 -Alkynyl Ketones. <i>Chemical Communications</i> , 2022, , .	4.1	3
2	Acid-promoted formal [3 + 2] cyclization/ <i>N</i> -, <i>O</i> -ketalization of <i>in situ</i> generated <i>ortho</i> -alkynyl quinone methides: access to bridged 2,3-cyclopentanoindoline skeletons. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3301-3306.	4.5	1
3	Intramolecular Aerobic Ring Expansion of Cyclic Ketone: A Mild Method for the Synthesis of Medium-Sized Lactones and Macrolactones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2152-2156.	4.3	4
4	Palladium Catalyzed Cascade Azidation/Carbonylation of Aryl Halides with Sodium Azide for the Synthesis of Amides. <i>Chemistry - an Asian Journal</i> , 2021, 16, 503-506.	3.3	9
5	Palladium Catalyzed Aminocarbonylation of Benzylic Ammonium Triflates with Nitroarenes: Synthesis of Phenylacetamides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2061-2065.	4.3	16
6	Brønsted Acid-Catalyzed Formal (3+3)-Annulation of Propargylic (Aza)- <i>para</i> -Quinone Methides with 4-Hydroxycoumarins and 1,3-Dicarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2021, 86, 6075-6089.	3.2	11
7	Oxidative [3+2] Annulation of Pyridinium Salts with <i>gem</i> -Difluoroalkenes: Synthesis of 2-Fluoroindolizines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1679-1682.	2.7	8
8	Formal (3 + 4)-Annulation of Propargylic <i>p</i> -Quinone Methides with 2-Indolylmethanols: Synthesis of Polysubstituted Indole-Fused Oxepines. <i>Journal of Organic Chemistry</i> , 2021, 86, 7490-7499.	3.2	17
9	Visible-Light-Induced Carbonylation of Indoles with Phenols under Metal-Free Conditions: Synthesis of Indole-3-carboxylates. <i>Organic Letters</i> , 2021, 23, 4769-4773.	4.6	5
10	Development and validation of ultra-high performance supercritical fluid chromatography method for quantitative determination of six compounds in Guizhi Fuling capsule and tablet samples. <i>Journal of Separation Science</i> , 2021, 44, 3199-3207.	2.5	2
11	Synthesis of disubstituted β^3 -butyrolactones and spirocyclopropanes <i>via</i> a multicomponent reaction of aldehydes, Meldrum's acid and sulfoxonium ylides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3069-3075.	4.5	8
12	Unprecedented Multicomponent Reaction of Indoles, CS ₂ and Nitroarenes: Stereoselective Synthesis of <i>Z</i> -(Arylamino)methyleneindoline α -thiones. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3890-3894.	3.3	6
13	Dearomatization of 2,3-Disubstituted Indoles via 1,8-Addition of Propargylic (Aza)- <i>para</i> -Quinone Methides. <i>Journal of Organic Chemistry</i> , 2021, 86, 16518-16534.	3.2	7
14	Aligning retention time shifts in HPLC three-dimensional spectra by icoshift approach combined with data arrangement methods and the release of a graphical user interface. <i>Journal of Separation Science</i> , 2020, 43, 552-560.	2.5	1
15	Synthesis of Naphthopyrans via Formal (3+3)-Annulation of Propargylic (Aza)- <i>para</i> -Quinone Methides with Naphthols. <i>Journal of Organic Chemistry</i> , 2020, 85, 13306-13316.	3.2	16
16	Synthesis of Pyrrolo[1,2-a]indoles via (3+2)-Annulations of (Aza)- <i>para</i> -Quinone Methides with Indoles. <i>Synthesis</i> , 2020, 52, 3640-3649.	2.3	13
17	Diastereoselective Synthesis of Cycloheptannelated Indoles via Lewis-Acid-Catalyzed (4 + 3)-Cyclization of Donor-Acceptor Cyclopropanes. <i>Organic Letters</i> , 2020, 22, 1903-1907.	4.6	29
18	Total Synthesis of <i>Lycopodium</i> Alkaloids Palhinine A and Palhinine D. <i>Journal of the American Chemical Society</i> , 2017, 139, 4282-4285.	13.7	46

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19	Cinchona Alkaloid Catalyzed Enantioselective [4 + 2] Annulation of Allenic Esters and in Situ Generated ortho-Quinone Methides: Asymmetric Synthesis of Functionalized Chromans. <i>Journal of Organic Chemistry</i> , 2017, 82, 5433-5440.	3.2	42
20	Enantioselective Synthesis of Functionalized 4-Aryl Hydrocoumarins and 4-Aryl Hydroquinolin-2-ones via Intramolecular Vinylogous Ritter Reaction of <i>para</i> -Quinone Methides. <i>Organic Letters</i> , 2017, 19, 3207-3210.	4.6	103
21	Au-Catalyzed [2 + 3] Annulation of Enamides with Propargyl Esters: Total Synthesis of Cephalotaxine and Cephalezomine H. <i>Organic Letters</i> , 2017, 19, 2965-2968.	4.6	37
22	Tandem Spirocyclopropanation/Rearrangement Reaction of Vinyl <i>p</i> -Quinone Methides with Sulfonium Salts: Synthesis of Spirocyclopentenyl <i>p</i> -Dienones. <i>Organic Letters</i> , 2017, 19, 1752-1755.	4.6	73
23	Diastereoselective and Enantioselective Synthesis of Unsymmetric $1^2,2^2$ -Diaryl- \pm -Amino Acid Esters via Organocatalytic 1,6-Conjugate Addition of <i>para</i> -Quinone Methides. <i>Journal of Organic Chemistry</i> , 2016, 81, 5655-5662.	3.2	95
24	Bifunctional tertiary amine-squaramide catalyzed asymmetric catalytic 1,6-conjugate addition/aromatization of <i>para</i> -quinone methides with oxindoles. <i>Chemical Communications</i> , 2016, 52, 4183-4186.	4.1	135
25	Spirocyclopropanation Reaction of <i>para</i> -Quinone Methides with Sulfonium Salts: The Synthesis of Spirocyclopropanyl <i>p</i> -Dienones. <i>Journal of Organic Chemistry</i> , 2016, 81, 2598-2606.	3.2	120
26	Hypervalent Iodine(III)-Mediated Oxidative Dearomatizing Cyclization of Arylamines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2437-2444.	4.3	18