

Qi-Lin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,060
citations

331670

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434195

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docs citations

42
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-free diastereoselective construction of bridged ketal spirooxindoles via a Michael addition-inspired sequence. <i>Chemical Communications</i> , 2017, 53, 11201-11204.	4.1	72
2	An organocatalytic asymmetric sequential allylic alkylation-cyclization of Morita-Baylis-Hillman carbonates and 3-hydroxyoxindoles. <i>Chemical Communications</i> , 2013, 49, 9422.	4.1	68
3	Regio- and diastereoselective dearomatizations of <i>N</i> -alkyl activated azaarenes: the maximization of the reactive sites. <i>Chemical Science</i> , 2020, 11, 1418-1424.	7.4	65
4	Diastereoselective Construction of Indole-Bridged Chroman Spirooxindoles through a TfOH-Catalyzed Michael Addition-Inspired Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 3679-3687.	3.2	58
5	An Unexpected FeCl ₃ -Catalyzed Cascade Reaction of Indoles and <i>o</i> -Hydroxychalcones for the Assembly of Chromane-Bridged Polycyclic Indoles. <i>Organic Letters</i> , 2018, 20, 3451-3454.	4.6	46
6	A Copper-Catalyzed Friedel-Crafts Alkylation/Cyclization Sequence: an Approach to Functionalized Pyrrolo[1,2- <i>a</i>]indole Spirooxindoles and 9- <i>H</i> -Pyrrolo[1,2- <i>a</i>]indoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 5669-5677.	3.2	45
7	An organocatalytic domino Michael-alkylation reaction: highly enantioselective construction of spiro-cyclopentanoneoxindoles and tetronic acid scaffolds. <i>Chemical Communications</i> , 2014, 50, 14601-14604.	4.1	44
8	Enantioselective α -Amination of Branched Aldehydes Promoted by Simple Chiral Primary Amino Acids. <i>Journal of Organic Chemistry</i> , 2011, 76, 4661-4664.	3.2	43
9	Regioselective and Diastereoselective Dearomative Multifunctionalization of In-Situ-Activated Azaarenes: An Access to Bridged Azaheterocycles. <i>Organic Letters</i> , 2020, 22, 5068-5073.	4.6	39
10	An unprecedented base-promoted domino reaction of methyleneindolinones and <i>N</i> -tosyloxycarbamates for the construction of bispirooxindoles and spiroaziridine oxindoles. <i>Chemical Communications</i> , 2015, 51, 10726-10729.	4.1	37
11	A DBU-catalyzed Michael-Pinner isomerization cascade reaction of 3-hydroxyoxindoles with isatylidene malononitriles: access to highly functionalized bispirooxindoles containing a fully substituted dihydrofuran motif. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 984-990.	2.8	36
12	Construction of bridged polycycles through dearomatization strategies. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3960-3982.	2.8	36
13	Skeletal remodeling of chalcone-based pyridinium salts to access isoindoline polycycles and their bridged derivatives. <i>Chemical Science</i> , 2021, 12, 15389-15398.	7.4	35
14	Chalcone-Based Pyridinium Salts and Their Diastereoselective Dearomatization To Access Bibridged Benzoazepines. <i>Organic Letters</i> , 2020, 22, 873-878.	4.6	33
15	An unexpected cascade reaction of 3-hydroxyoxindoles with coumarin-3-carboxylates to construct 2,3-dihydrobenzofuran spirooxindoles. <i>Chemical Communications</i> , 2019, 55, 13681-13684.	4.1	30
16	Diastereoselective construction of cage-like and bridged azaheterocycles through dearomative maximization of the reactive sites of azaarenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 204-211.	4.5	30
17	Assembly of functionalized β -extended indolizine polycycles through dearomative [3+2] cycloaddition/oxidative decarbonylation. <i>Chemical Communications</i> , 2021, 57, 359-362.	4.1	28
18	An unexpected multi-component one-pot cascade reaction to access furanobenzodihydropyran-fused polycyclic heterocycles. <i>Chemical Communications</i> , 2019, 55, 5207-5210.	4.1	27

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19	Diazo Activation with Diazonium Salts: Synthesis of Indazole and 1,2,4-Triazole. <i>Organic Letters</i> , 2020, 22, 4151-4155.	4.6	26
20	Dearomative Periphery Modification of Quinolinium Salts to Assemble Ring-Encumbered Pyrrolidine-Tetrahydroquinoline Polycycles. <i>Organic Letters</i> , 2022, 24, 2008-2013.	4.6	23
21	Construction of bridged cyclic N,O-ketal spirooxindoles through a Michael addition/N,O-ketalization sequence. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1751-1759.	2.8	22
22	A Brønsted Acid-Catalyzed Michael Addition/Cyclization Sequence for the Diastereoselective Assembly of Chroman-Bridged Polycyclic Isoindolinones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 456-461.	4.3	22
23	Diastereoselective construction of pyrrolo[2,1-a]isoquinoline-based bispirooxindoles through a three-component [3 + 2] cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6025-6034.	2.8	21
24	Diastereoselective trifunctionalization of pyridinium salts to access structurally crowded azaheteropolycycles. <i>Chemical Communications</i> , 2021, 57, 9402-9405.	4.1	20
25	A copper-catalyzed tandem reaction for the construction of coumarin fused 9H-pyrrolo[1,2-a]indoles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8729-8737.	2.8	19
26	A FeCl ₃ -catalyzed highly regioselective 1,2-addition/substitution sequence for the construction of coumarin-substituted bis(indolyl)methanes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4420-4425.	2.8	18
27	Organocatalytic asymmetric cascade Michael/hemiketalization/retro-aldol reaction of 3-acetyl-oxindole with α,β -unsaturated ketoesters catalyzed by bifunctional amino-squaramides. <i>Tetrahedron</i> , 2014, 70, 8665-8671.	1.9	16
28	Recent Advances in the Construction of Bridged Rings through Cycloadditions and Cascade Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 12.	1.3	16
29	Diastereoselective construction of 4-indole substituted chromans bearing a ketal motif through a three-component Friedel-Crafts alkylation/ketalization sequence. <i>RSC Advances</i> , 2018, 8, 15641-15651.	3.6	14
30	DMAP-catalyzed decarboxylative [3+2] cycloadditions: A strategy for diastereoselective synthesis of trifluoromethylated chromanone-fused pyrrolidinyl spirooxindoles. <i>Tetrahedron</i> , 2020, 76, 131678.	1.9	14
31	A New Cyclization/Decarboxylation Reaction of Isatins with Acyl Chlorides for the Facile Synthesis of α -Alkenyl-Oxindoles. <i>Chinese Journal of Chemistry</i> , 2014, 32, 844-852.	4.9	10
32	Unexpected Cascade Reactions of Ortho α -Hydroxyenaminones and α,β -Unsaturated α -Ketoesters to Access Hydrogenated Benzoxazolepolycycles and Pyrrole-Phenol Atropisomers. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4893-4901.	4.3	9
33	A combination of polarity reversal, Diels-Alder cycloaddition and skeletal remodeling to access pyridine-fused nitrones. <i>Chemical Communications</i> , 2022, 58, 4775-4778.	4.1	9
34	Chiral α -Arylethanamines: An Organocatalyst for the Enantioselective α -Amination of Branched Aldehydes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2864-2868.	2.4	8
35	Diastereoselective construction of bridged piperidines through an interrupted dearomative reduction. <i>Chemical Communications</i> , 2022, 58, 7964-7967.	4.1	8
36	Substrate-directed divergent synthesis of fused indole polycycles through Rh(η^5 -catalyzed cascade reactions of bis(diazo)indolin-2-ones. <i>Chemical Communications</i> , 2022, 58, 8576-8579.	4.1	7

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37	New 1,3-dipolar cycloaddition/dehydrogenation of azomethines ylides and azodicarboxylates: direct and effective construction of unsaturated 1,2,4-triazolines. <i>Tetrahedron Letters</i> , 2012, 53, 2985-2988.	1.4	5
38	Decarboxylative-Mediated Regioselective 1,3-Dipolar Cycloaddition for Diversity-Oriented Synthesis of Structurally exo ² -Selective Spiro[oxindole-pyrrolidine-dihydrocoumarin] Hybrids. <i>Synthesis</i> , 2020, 52, .	2.3	1