

# Yang Wang

## List of Publications by Year in descending order

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19  
papers

446  
citations

840776

11  
h-index

794594

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docs citations

24  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brønsted Acid Catalyzed Asymmetric Diels-Alder Reactions: Stereoselective Construction of Spiro[tetrahydrocarbazole-3,3'-oxindole] Framework. <i>Journal of Organic Chemistry</i> , 2015, 80, 3223-3232.	3.2	97
2	Development of Planar Chiral Iodoarenes Based on [2.2]Paracyclophane and Their Application in Catalytic Enantioselective Fluorination of $\beta$ -Ketoesters. <i>Organic Letters</i> , 2018, 20, 2555-2558.	4.6	52
3	Catalytic Asymmetric Construction of 3,3'-Spirooxindoles Fused with Seven-Membered Rings by Enantioselective Tandem Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 15047-15052.	3.3	45
4	Enantioselective Construction of the Biologically Significant Dibenzo[1,4]diazepine Scaffold via Organocatalytic Asymmetric Three-Component Reactions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2009-2019.	4.3	37
5	Catalytic Enantioselective Arylative Dearomatization of 3-Methylvinylindoles Enabled by Reactivity Switch. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 4031-4040.	4.3	34
6	Diastereoselective Synthesis of Tetrahydrospiro[carbazole-1,3'-indolines] via an $\text{InBr}_3$ -Catalyzed Domino Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 5616-5629.	3.2	30
7	Diastereo- and enantioselective construction of biologically important pyrrolo[1,2-a]indole scaffolds via catalytic asymmetric [3 + 2] cycloadditions of 3-alkyl-2-vinylindoles. <i>Organic Chemistry Frontiers</i> , 2017, 4, 57-68.	4.5	28
8	Palladium-catalyzed domino Heck cyclization/ring opening of sulfolenes/desulfitative coupling: regio- and stereoselective synthesis of alkylated conjugated dienes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2731-2736.	4.5	19
9	Recent Application of Chiral Aryliodine Based on the 2-Iodoresorcinol Core in Asymmetric Catalysis. <i>Synthesis</i> , 2021, 53, 889-903.	2.3	18
10	Brønsted Acid-Catalyzed [3+2] Cycloaddition of 3-Alkyl-2-vinylindoles Leading to the Diastereoselective Construction of a Pyrroloindole Framework. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1093-1102.	4.3	15
11	Construction and Properties of Octahydrobinaphthol-based Chiral Luminescent Materials with Large Steric Hindrance. <i>Acta Chimica Sinica</i> , 2021, 79, 1401.	1.4	13
12	An Efficient Approach for 3,3-Disubstituted Oxindoles Synthesis: Aryl Iodine Catalyzed Intramolecular C-N Bond Oxidative Cross-Coupling. <i>Organic Letters</i> , 2021, 23, 8750-8754.	4.6	12
13	Enantioselective Construction of the Biologically Important Cyclopenta[1,4]diazepine Framework Enabled by Asymmetric Catalysis by Chiral Spirophosphoric Acid. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7926-7934.	2.4	10
14	DABCO as a practical catalyst for aromatic halogenation with <i>N</i> -halosuccinimides. <i>RSC Advances</i> , 2022, 12, 7115-7119.	3.6	10
15	Enantioselective Intramolecular Dearomative Lactonization of Naphthols Catalyzed by Planar Chiral Iodoarene. <i>Synthesis</i> , 2019, 51, 3675-3682.	2.3	7
16	Design of pyridinylphosphinate-based blue iridium phosphors for high-efficiency organic light-emitting diodes. <i>Dalton Transactions</i> , 2021, 50, 3887-3893.	3.3	7
17	DDQ dehydrogenative Diels-Alder reaction for the synthesis of functionalized spiro[carbazole-1,3'-indolines] and spiro[carbazole-1,5'-pyrimidines]. <i>New Journal of Chemistry</i> , 2021, 45, 15423-15428.	2.8	6
18	Construction of Benzimidazolone Derivatives via Aryl Iodide Catalyzed Intramolecular Oxidative C-H Amination. <i>Journal of Organic Chemistry</i> , 2022, 87, 3234-3241.	3.2	3

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19	Oxidative Annulation of Diphenylpropanamides via In Situ Hypervalent Iodine-Promoted Intramolecular C—N/O Bond Formation. <i>SynOpen</i> , 2021, 05, 327-334.	1.7	3