

Yong-Bin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,458
citations

687363

13
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Axially Chiral Compounds via Asymmetric Organocatalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 534-547.	15.6	586
2	Rational design, enantioselective synthesis and catalytic applications of axially chiral EBINOLs. <i>Nature Catalysis</i> , 2019, 2, 504-513.	34.4	145
3	Chiral Phosphoric Acid Catalyzed Atroposelective C-H Amination of Arenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6775-6779.	13.8	139
4	Brønsted acid-catalysed enantioselective construction of axially chiral arylquinazolinones. <i>Nature Communications</i> , 2017, 8, 15489.	12.8	115
5	Organocatalytic atroposelective construction of axially chiral arylquinones. <i>Nature Communications</i> , 2019, 10, 4268.	12.8	92
6	Asymmetric Construction of Axially Chiral 2-Arylpyrroles by Chirality Transfer of Atropisomeric Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13443-13447.	13.8	75
7	Design and Atroposelective Construction of IAN analogues by Organocatalytic Asymmetric Heteroannulation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23077-23082.	13.8	55
8	Organocatalyst-controlled site-selective arene C-H functionalization. <i>Nature Chemistry</i> , 2021, 13, 982-991.	13.6	52
9	Nitrosobenzene-Enabled Chiral Phosphoric Acid Catalyzed Enantioselective Construction of Atropisomeric N-Arylbenzimidazoles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24888-24893.	13.8	43
10	Chiral Phosphoric Acid Catalyzed Atroposelective C-H Amination of Arenes. <i>Angewandte Chemie</i> , 2020, 132, 6841-6845.	2.0	39
11	Asymmetric Construction of Axially Chiral 2-Arylpyrroles by Chirality Transfer of Atropisomeric Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 13577-13581.	2.0	30
12	N-(1-Oxy-2-picoly)oxalamic acids as a new type of O,O-ligands for the Cu-catalyzed N-arylation of azoles with aryl halides in water or organic solvent. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4101-4114.	2.8	27
13	Design and Atroposelective Construction of IAN analogues by Organocatalytic Asymmetric Heteroannulation of Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 23277-23282.	2.0	16
14	N-(1-Oxy-2-picoly)oxalamic Acid as an Efficient Ligand for Copper-Catalyzed Amination of Aryl Iodides at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4153-4161.	2.4	14
15	Nitrosobenzene-Enabled Chiral Phosphoric Acid Catalyzed Enantioselective Construction of Atropisomeric N-Arylbenzimidazoles. <i>Angewandte Chemie</i> , 0, , .	2.0	9
16	Synthesis of New Substituted 4-Amino-3,5-dinitropyridine Derivatives. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1299-1304.	4.9	6
17	Asymmetric synthesis of binaphthyls through photocatalytic cross-coupling and organocatalytic kinetic resolution. <i>Science China Chemistry</i> , 2022, 65, 1142-1148.	8.2	6
18	Facile synthesis of N-aryl phenothiazines and phenoxazines via Brønsted acid catalyzed C-H amination of arenes. <i>Chemical Communications</i> , 2022, 58, 1613-1616.	4.1	3