

Xiang Wu

List of Publications by Year in descending order

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34
papers

851
citations

471509

17
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477307

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35
all docs

35
docs citations

35
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective 1,2-Difunctionalization of Dienes Enabled by Chiral Palladium Complex-Catalyzed Cascade Arylation/Allylic Alkylation Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 13476-13479.	13.7	153
2	Palladium(0)-Catalyzed Difunctionalization of 1,3-Dienes: From Racemic to Enantioselective. <i>Synthesis</i> , 2019, 51, 122-134.	2.3	101
3	Homochiral Dodecanuclear Lanthanide "Cage" in Cage" for Enantioselective Separation. <i>Journal of the American Chemical Society</i> , 2021, 143, 12560-12566.	13.7	59
4	Binding of verbal and spatial information in human working memory involves large-scale neural synchronization at theta frequency. <i>NeuroImage</i> , 2007, 35, 1654-1662.	4.2	58
5	Enantioselective Organocatalytic Addition of Nitroalkanes to Oxindolylideneindolenines for the Construction of Chiral 3,3-Disubstituted Oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2531-2537.	4.3	50
6	A Rhodium-Catalyzed [3 + 2] Annulation of General Aromatic Aldimines/Ketimines and <i>N</i> -Substituted Maleimides. <i>Organic Letters</i> , 2018, 20, 5960-5963.	4.6	39
7	Access to chiral tetrahydrofluorenes through a palladium-catalyzed enantioselective tandem intramolecular Heck/Tsuji"Trost reaction. <i>Chemical Communications</i> , 2019, 55, 3769-3772.	4.1	33
8	Luminol, horseradish peroxidase, and glucose oxidase ternary functionalized graphene oxide for ultrasensitive glucose sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 543-552.	3.7	31
9	Hybrid Gold/Chiral Brønsted Acid Relay Catalysis Allows an Enantioselective Synthesis of (<i>â</i>) ⁵ - <i>epi</i> -Eupomatilone-6. <i>Journal of Organic Chemistry</i> , 2014, 79, 419-425.	3.2	30
10	Gold-Catalyzed [1,5]-Hydride Shift onto Unactivated Alkynes To Trigger an Intermolecular Diels" Alder Reaction. <i>Organic Letters</i> , 2014, 16, 3820-3823.	4.6	29
11	Engineering a homochiral metal"organic framework based on an amino acid for enantioselective separation. <i>Chemical Communications</i> , 2020, 56, 9016-9019.	4.1	29
12	An Asymmetric Dehydrogenative Diels" Alder Reaction for the Synthesis of Chiral Tetrahydrocarbazole Derivatives. <i>Organic Letters</i> , 2018, 20, 32-35.	4.6	25
13	Palladium-catalyzed enantioselective carboannulation of 1,3-dienes with aryl iodides enables access to chiral indanes. <i>Chemical Communications</i> , 2018, 54, 9595-9598.	4.1	24
14	Bottom-Up Assembly of a Highly Efficient Metal"Organic Framework for Cooperative Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 13912-13919.	4.0	22
15	Gold-catalyzed cyclization of 1-(2-azidoaryl) propynols: synthesis of polysubstituted 4-quinolones. <i>Chemical Communications</i> , 2019, 55, 14769-14772.	4.1	19
16	A Highly Enantioselective Mannich"Type Reaction of Glycine Schiff Base Catalyzed by a Cinchoninium Salt. <i>Chinese Journal of Chemistry</i> , 2014, 32, 969-973.	4.9	17
17	Synthesis of Polycyclic Amines through Mild Metal-Free Tandem Cross-Dehydrogenative Coupling/Intramolecular Hydroarylation of <i>N</i> -Aryltetrahydroisoquinolines and Crotonaldehyde. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 468-473.	2.4	17
18	Remarkable Ligand Effect on Rh-Catalyzed C" H-Active [3 + 2] Annulation of Ketimines and Alkynes. <i>Organic Letters</i> , 2020, 22, 4903-4907.	4.6	17

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19	Ruthenium-Catalyzed Oxidative Formal Aza-Diels-Alder Reaction: Enantioselective Synthesis of Benzoquinolizine-2-ones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3095-3101.	4.3	14
20	Construction of 1,3-Oxazolidines through a Three-Component [3+2] Cycloaddition of Tetrahydroisoquinolines, Aldehydes, and Ethyl Ketomalonate. <i>Journal of Organic Chemistry</i> , 2020, 85, 6216-6224.	3.2	14
21	Enantioselective Construction of [6,5,6]-Carbocyclic Systems by Organo/Metal-Catalyzed Sequential Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 4743-4750.	3.2	11
22	Enantioselective Conjugate Addition of Aryl Halides and Triflates to Electron-Deficient Olefins via Nickel- and Rhodium-Catalyzed Sequential Relay Reactions. <i>Organic Letters</i> , 2019, 21, 8888-8892.	4.6	8
23	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. <i>ACS Central Science</i> , 2022, 8, 562-570.	11.3	8
24	Oxidative Asymmetric Formal Aza-Diels-Alder Reactions of Tetrahydro- β -carboline with Enones in the Synthesis of Indoloquinolizidine-2-ones. <i>Molecules</i> , 2018, 23, 2228.	3.8	7
25	Pd/Catalyzed Dehydrogenative [3+2] Cycloaddition for the Synthesis of Functionalized Tropanes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5456-5459.	2.4	7
26	Intramolecular [2 + 2] Cycloadditions of Alkyl(phenylthio)ketenes: Total Synthesis of (+)-Sphaerodiol. <i>Organic Letters</i> , 2018, 20, 1871-1874.	4.6	6
27	Access to 3-Sulfonamidoquinolines by Gold-Catalyzed Cyclization of 1-(2-Azidoaryl)propargylsulfonamides through 1,2-N Migration. <i>Journal of Organic Chemistry</i> , 2022, 87, 801-812.	3.2	5
28	A biomimetic metal-organic framework with cuboid inner cavities for enantioselective separation. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2683-2690.	6.0	5
29	Enantioselective α -Alkylation of α,β -Unsaturated Aldehydes Using New Cinchona-Based Primary Amine Catalyst. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6838-6841.	2.4	4
30	Enantioselective synthesis of 1-aminoindene derivatives via asymmetric Brønsted acid catalysis. <i>Chemical Communications</i> , 2021, 57, 9680-9683.	4.1	3
31	Unexpected Grob-type fragmentation of vinylogous β -silyloxy-cyclobutanone into β -lactone. <i>Chinese Chemical Letters</i> , 2017, 28, 968-970.	9.0	1
32	Access to chiral 1-aminoindene derivatives by asymmetric Brønsted acid catalysis. <i>Synlett</i> , 0, 33, .	1.8	1
33	Copper-Catalyzed Direct Oxidative α -Alkoxylation of 4-isochromanones. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2436-2439.	2.4	0
34	A model study for the total synthesis of lophotoxin. <i>Tetrahedron Letters</i> , 2021, , 153481.	1.4	0