

Dawei

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,272
citations

331259

21
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. <i>Protein and Cell</i> , 2022, 13, 689-693.	4.8	136
2	Oxalic Diamides and <i>tert</i> -Butoxide: Two Types of Ligands Enabling Practical Access to Alkyl Aryl Ethers via Cu-Catalyzed Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 3541-3549.	6.6	131
3	Discovery of <i>N</i> -(Naphthalen-1-yl)- <i>N</i> -alkyl Oxalamide Ligands Enables Cu-Catalyzed Aryl Amination with High Turnovers. <i>Organic Letters</i> , 2017, 19, 2809-2812.	2.4	113
4	Oxidative coupling strategies for the synthesis of indole alkaloids. <i>Chemical Society Reviews</i> , 2018, 47, 8018-8029.	18.7	96
5	Copper-Catalyzed Coupling Reaction of (Hetero)Aryl Chlorides and Amides. <i>Organic Letters</i> , 2017, 19, 4864-4867.	2.4	68
6	A Unified Approach for the Assembly of Atisine- and Hetidine-type Diterpenoid Alkaloids: Total Syntheses of Azitine and the Proposed Structure of Navirine. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6676-6680.	7.2	62
7	Convergent Route to <i>ent</i> -Kaurane Diterpenoids: Total Synthesis of Lungshengenin D and <i>1±,6±</i> -Diacetoxy- <i>ent</i> -kaura-9(11),16-dien-12,15-dione. <i>Journal of the American Chemical Society</i> , 2017, 139, 2932-2935.	6.6	51
8	Thiourea-Catalyzed Asymmetric Michael Addition of Carbazolones to <i>2</i> -Chloroacrylonitrile: Total Synthesis of 5,22-Dioxokopsane, Kopsinidine, and Demethoxycarbonylkopsin. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10207-10211.	7.2	49
9	A Scalable Total Synthesis of the Antitumor Agents Et-743 and Lurbinectedin. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3972-3975.	7.2	49
10	A Class of Amide Ligands Enable Cu-Catalyzed Coupling of (Hetero)aryl Halides with Sulfinic Acid Salts under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2018, 83, 6589-6598.	1.7	46
11	Copper-Catalyzed Diaryl Ether Formation from (Hetero)aryl Halides at Low Catalytic Loadings. <i>Journal of Organic Chemistry</i> , 2017, 82, 4964-4969.	1.7	43
12	Cu- <i>N,N</i> -Dibenzylloxalamide-Catalyzed <i>N</i> -Arylation of Heteroanilines. <i>Organic Letters</i> , 2019, 21, 6874-6878.	2.4	43
13	Assembly of <i>±</i> (Hetero)aryl Nitriles via Copper-Catalyzed Coupling Reactions with (Hetero)aryl Chlorides and Bromides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7082-7086.	7.2	36
14	Pd-Catalyzed Dimethylation of Tyrosine-Derived Picolinamide for Synthesis of (<i>S</i>)- <i>N</i> -Boc-2,6-dimethyltyrosine and Its Analogues. <i>Organic Letters</i> , 2017, 19, 246-249.	2.4	34
15	<i>N,N</i> , <i>N,N</i> -Bisoxalamides Enhance the Catalytic Activity in Cu-Catalyzed Coupling of (Hetero)Aryl Bromides with Anilines and Secondary Amines. <i>Journal of Organic Chemistry</i> , 2017, 82, 12603-12612.	1.7	34
16	Total Synthesis of Lapidilectine B Enabled by Manganese(III)-Mediated Oxidative Cyclization of Indoles. <i>Chemistry - A European Journal</i> , 2018, 24, 6547-6550.	1.7	29
17	Total Synthesis of Kopsinitarine. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22039-22042.	7.2	28
18	Recent advances in the synthesis of <i>ent</i> -kaurane diterpenoids. <i>Natural Product Reports</i> , 2022, 39, 119-138.	5.2	26

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19	Divergent Entry to Gelsedine-Type Alkaloids: Total Syntheses of (âˆ“)Gelsedilam, (âˆ“)Gelsenicine, (âˆ“)Gelsedine, and (âˆ“)Gelsemoxonine. <i>Journal of the American Chemical Society</i> , 2018, 140, 11608-11612.	6.6	25
20	6â€Methylenebicyclo[3.2.1]octâ€1â€enâ€3â€one: A Twisted Olefin as Dielsâ€Alder Dienophile for Expedited Syntheses of Four Kaurane Diterpenoids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15731-15735.	7.2	25
21	Synthesis of <i>N</i>- (Hetero)aryl Carbamates via CuI/MNAO Catalyzed Cross-Coupling of (Hetero)aryl Halides with Potassium Cyanate in Alcohols. <i>Journal of Organic Chemistry</i> , 2018, 83, 2706-2713.	1.7	24
22	In Pursuit of Synthetic Efficiency: Convergent Approaches. <i>Accounts of Chemical Research</i> , 2021, 54, 569-582.	7.6	22
23	Thioureaâ€Catalyzed Asymmetric Michael Addition of Carbazolones to 2â€Chloroacrylonitrile: Total Synthesis of 5,22â€Dioxokopsane, Kopsinidineâ€...C, and Demethoxycarbonylkopsin. <i>Angewandte Chemie</i> , 2018, 130, 10364-10368.	1.6	21
24	A Unified Approach for the Assembly of Atisineâ€and Hetidineâ€type Diterpenoid Alkaloids: Total Syntheses of Azitine and the Proposed Structure of Navirineâ€...C. <i>Angewandte Chemie</i> , 2018, 130, 6786-6790.	1.6	18
25	Samarium iodide-mediated Câ€C bond formation in the total synthesis of natural products. , 2022, 1, 275-288.		13
26	Room Temperature Cu-Catalyzed <i>N</i>-Arylation of Oxazolidinones and Amides with (Hetero)Aryl Iodides. <i>Organic Letters</i> , 2022, 24, 1253-1257.	2.4	12
27	6â€Methylenebicyclo[3.2.1]octâ€1â€enâ€3â€one: A Twisted Olefin as Dielsâ€Alder Dienophile for Expedited Syntheses of Four Kaurane Diterpenoids. <i>Angewandte Chemie</i> , 2019, 131, 15878-15882.	1.6	11
28	Synthetic Studies toward Plumisclerin A. <i>Organic Letters</i> , 2019, 21, 1384-1387.	2.4	11
29	Total Synthesis of Kopsinitarineâ€...E. <i>Angewandte Chemie</i> , 2020, 132, 22223-22226.	1.6	7
30	Assembly of Î±â€(Hetero)aryl Nitriles via Copperâ€Catalyzed Coupling Reactions with (Hetero)aryl Chlorides and Bromides. <i>Angewandte Chemie</i> , 2021, 133, 7158-7162.	1.6	5
31	A Scalable Total Synthesis of the Antitumor Agents Etâ€743 and Lurbnectedin. <i>Angewandte Chemie</i> , 2019, 131, 4012-4015.	1.6	4