

Qing-Hai Deng

List of Publications by Year in descending order

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30
papers

1,422
citations

471061

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414034

32
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32
all docs

32
docs citations

32
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Iron-Catalyzed Azidation of Î²-Keto Esters and Oxindoles. <i>Journal of the American Chemical Society</i> , 2013, 135, 5356-5359.	6.6	223
2	Highly Enantioselective Copper-Catalyzed Electrophilic Trifluoromethylation of Î²-Ketoesters. <i>Journal of the American Chemical Society</i> , 2012, 134, 10769-10772.	6.6	216
3	Copper-Boxmi Complexes as Highly Enantioselective Catalysts for Electrophilic Trifluoromethylthiolations. <i>Chemistry - A European Journal</i> , 2014, 20, 93-97.	1.7	140
4	The Synthesis of a New Class of Chiral Pincer Ligands and Their Applications in Enantioselective Catalytic Fluorinations and the Nozaki-Hiyama-Kishi Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 14922-14928.	1.7	132
5	Ruthenium-Catalyzed One-Pot Carbenoid N-H Insertion Reactions and Diastereoselective Synthesis of Prolines. <i>Organic Letters</i> , 2008, 10, 1529-1532.	2.4	103
6	Highly Enantioselective Copper-Catalyzed Alkylation of Î²-Ketoesters and Subsequent Cyclization to Spirolactones/Bi-spirolactones. <i>Journal of the American Chemical Society</i> , 2012, 134, 2946-2949.	6.6	74
7	Electron-Deficient Alkynes as Dipolarophile in Pd-Catalyzed Enantioselective (3 + 2) Cycloaddition Reaction with Vinyl Cyclopropanes. <i>Organic Letters</i> , 2019, 21, 6805-6810.	2.4	47
8	Trapping Reactive Metal-Carbene Complexes by a Bis-Pocket Porphyrin: X-ray Crystal Structures of Ru(3/4)CHCO ₂ Et and <i>trans</i> -[Ru(CHR)(CO)] Species and Highly Selective Carbenoid Transfer Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 10707-10712.	1.7	41
9	Radical Changes in Lewis Acid Catalysis: Matching Metal and Substrate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7852-7856.	7.2	41
10	Iron-catalyzed trifluoromethylation of vinylcyclopropanes: facile synthesis of CF ₃ -containing dihydronaphthalene derivatives. <i>Organic Chemistry Frontiers</i> , 2016, 3, 934-938.	2.3	31
11	Difluorocarbene-derived trifluoromethylselenolation of benzyl halides. <i>Chemical Communications</i> , 2019, 55, 1410-1413.	2.2	30
12	Nucleophilic Substitution of <i>gem</i> -Difluoroalkenes with TMSNu Promoted by Catalytic Amounts of Cs ₂ CO ₃ . <i>Journal of Organic Chemistry</i> , 2019, 84, 6557-6564.	1.7	30
13	Enantioselective Copper-Catalyzed Electrophilic Dearomative Azidation of Î²-Naphthols. <i>Organic Letters</i> , 2019, 21, 7315-7319.	2.4	29
14	Synthesis of Î²-Alkyl 2-Hydroxychalcones by Rhodium-Catalyzed Coupling of <i>N</i> -Phenoxyacetamides and Nonterminal Propargyl Alcohols. <i>Organic Letters</i> , 2018, 20, 5808-5812.	2.4	25
15	Tailoring Sensors and Solvents for Optimal Analysis of Complex Mixtures Via Discriminative ¹⁹ F NMR Chemosensing. <i>Analytical Chemistry</i> , 2021, 93, 2968-2973.	3.2	24
16	Radical Changes in Lewis Acid Catalysis: Matching Metal and Substrate. <i>Angewandte Chemie</i> , 2016, 128, 7983-7987.	1.6	17
17	Iron-Catalyzed Nitrene Transfer Reaction of 4-Hydroxystilbenes with Aryl Azides: Synthesis of Imines via C-C Bond Cleavage. <i>Organic Letters</i> , 2019, 21, 8389-8394.	2.4	16
18	Iron(II) Chloride-Catalyzed Nitrene Transfer Reaction for Dearomative Amination of Î²-Naphthols with Aryl Azides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4720-4725.	2.1	15

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19	Rhodium-Catalyzed Successive C-H Bond Functionalizations To Synthesize Complex Indenols Bearing a Benzofuran Unit. <i>Organic Letters</i> , 2019, 21, 9598-9602.	2.4	13
20	Hafnium(II) Complexes with Cyclic (Alkyl)(amino)carbene Ligation. <i>Organometallics</i> , 2018, 37, 4186-4188.	1.1	12
21	Copper-catalyzed Intramolecular Carbotrifluoromethylation of Ene-Imines for the Construction of α -(2,2,2-trifluoro)ethylated β -Amino-Chromans. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1402-1406.	2.1	10
22	Metal-Free Azidoarylation of Vinylcyclopropanes for the Synthesis of N ₃ -Containing Dihydronaphthalenes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 432-438.	1.3	10
23	Zinc-catalyzed asymmetric nitroxylation of β -keto esters/amides with a benziodoxole-derived nitrooxy transfer reagent. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3509-3514.	2.3	10
24	Copper-catalyzed nitrene transfer/cyclization cascade to synthesize 3a-nitrogenous furoindolines and pyrroloindolines. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3934-3938.	2.3	9
25	Practical copper-catalyzed chloronitration of alkenes with TMSCl and guanidine nitrate. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2449-2455.	2.3	8
26	Expanding the Boxmi Ligand Family: Synthesis and Application of NON and NSN Ligands. <i>Journal of Organic Chemistry</i> , 2020, 85, 6719-6731.	1.7	6
27	Palladium-Catalyzed [3+2] Cycloaddition of Vinylcyclopropane and Ketones. <i>Synlett</i> , 2019, 30, 947-950.	1.0	5
28	Acid-Free Copper-Catalyzed Electrophilic Nitration of Electron-Rich Arenes with Guanidine Nitrate. <i>Journal of Organic Chemistry</i> , 2022, 87, 3834-3840.	1.7	3
29	Inside Cover: Highly Selective Metal Catalysts for Intermolecular Carbenoid Insertion into Primary C-H Bonds and Enantioselective C-C Bond Formation (Angew. Chem. Int. Ed. 50/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9576-9576.	7.2	2
30	Synthesis of amidines <i>via</i> iron-catalyzed dearomative amination of β -naphthols with oxadiazolones. <i>Organic Chemistry Frontiers</i> , 2022, 9, 380-385.	2.3	1