

Gang Li

List of Publications by Year in descending order

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55
papers

4,614
citations

218592

26
h-index

161767

54
g-index

72
all docs

72
docs citations

72
times ranked

2983
citing authors

#	ARTICLE	IF	CITATIONS
1	Spirocyclizative Remote Arylcarboxylation of Nonactivated Arenes with CO ₂ via Visible-Light-Induced Reductive Dearomatization. <i>CCS Chemistry</i> , 2022, 4, 1565-1576.	4.6	23
2	Dearomative spirocyclization via visible-light-induced reductive hydroarylation of non-activated arenes. <i>Chinese Chemical Letters</i> , 2022, 33, 225-228.	4.8	5
3	Arene C-H Iodination Using Aryl Iodides. <i>CCS Chemistry</i> , 2022, 4, 1889-1900.	4.6	21
4	Native carboxyl group-assisted C-H acetoxylation of hydrocinnamic and phenylacetic acids. <i>Chemical Communications</i> , 2022, 58, 4993-4996.	2.2	3
5	<i>meta</i> -Allylation of Arenes via Ruthenium-Catalyzed Cross-Dehydrogenative Coupling. <i>Journal of Organic Chemistry</i> , 2022, 87, 6934-6941.	1.7	5
6	Formal C-H/C-I Metathesis: Site-Selective C-H Iodination of Anilines Using Aryl Iodides. <i>Organic Letters</i> , 2022, 24, 3657-3662.	2.4	10
7	Visible-light-driven regioselective carbocarboxylation of 1,3-dienes with organic halides and CO ₂ . <i>Green Chemistry</i> , 2022, 24, 6100-6107.	4.6	16
8	Formal C-H/C-I Metathesis: Site-Selective C-H Iodination of 2-Aryl Benzoic Acid Derivatives Using Aryl Iodide. <i>Organic Letters</i> , 2022, 24, 3926-3931.	2.4	6
9	Pd(<i>scp</i>)-catalyzed <i>meta</i> -C-H bromination and chlorination of aniline and benzoic acid derivatives. <i>Chemical Science</i> , 2022, 13, 8686-8692.	3.7	11
10	Palladium-catalyzed remote <i>para</i> -C-H activation of arenes assisted by a recyclable pyridine-based template. <i>Chemical Science</i> , 2021, 12, 4126-4131.	3.7	17
11	Site-Selective C-H Iodination of Phenol Derivatives Using Aryl Iodide as Iodinating Reagent. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3511.	0.6	7
12	Rh(<i>scp</i>)-Catalyzed regioselective arylcarboxylation of acrylamides with arylboronic acids and CO ₂ . <i>Green Chemistry</i> , 2020, 22, 7328-7332.	4.6	11
13	<i>m</i> -C _{Ar} -H Bond Alkylations and Difluoromethylation of Tertiary Phosphines Using a Ruthenium Catalyst. <i>Organic Letters</i> , 2020, 22, 9450-9455.	2.4	26
14	AIBN for Ru-catalyzed <i>meta</i> -C _{Ar} -H alkylation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2474-2479.	2.3	13
15	<i>Meta</i> -Dehydrogenative Alkylation of Arenes with Ethers, Ketones, and Esters Catalyzed by Ruthenium. <i>Organic Letters</i> , 2020, 22, 8758-8763.	2.4	10
16	Ruthenium-Catalyzed <i>meta</i> -Selective C _{Ar} -H Bond Formylation of Arenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 4536-4542.	1.7	10
17	Visible-Light-Driven Reductive Carboarylation of Styrenes with CO ₂ and Aryl Halides. <i>Journal of the American Chemical Society</i> , 2020, 142, 8122-8129.	6.6	171
18	Carboxyl-Assisted <i>meta</i> -Selective C-H Functionalizations of Benzyldisulfonamides. <i>Organic Letters</i> , 2020, 22, 7791-7796.	2.4	15

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19	Carboxy Group as a Remote and Selective Chelating Group for C-H Activation of Arenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18502-18507.	7.2	55
20	Carboxy Group as a Remote and Selective Chelating Group for C-H Activation of Arenes. <i>Angewandte Chemie</i> , 2019, 131, 18673-18678.	1.6	13
21	Palladium-Catalyzed C(sp ²)-H Olefination of Free Primary and Secondary 2-Phenylethylamines: Access to Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2019, 84, 13003-13012.	1.7	15
22	Ligand Promoted, Palladium-Catalyzed C(sp ²)-H Arylation of Free Primary 2-Phenylethylamines. <i>Organic Letters</i> , 2019, 21, 4224-4228.	2.4	15
23	Rhodium(I)-Catalyzed Aryl C-H Carboxylation of 2-Arylanilines with CO ₂ . <i>Organic Letters</i> , 2019, 21, 3663-3669.	2.4	65
24	Palladium-Catalyzed Direct C-H Carbonylation of Free Primary Benzylamines: A Synthesis of Benzolactams. <i>Organic Letters</i> , 2018, 20, 2595-2598.	2.4	60
25	Weak, bidentate chelating group assisted cross-coupling of C(sp ³)-H bonds in aliphatic acid derivatives with aryltrifluoroborates. <i>Chemical Communications</i> , 2018, 54, 12766-12769.	2.2	4
26	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated α -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. <i>Journal of Organic Chemistry</i> , 2018, 83, 13726-13733.	1.7	9
27	Rhodium(II)-Catalyzed Aryl C-H Carboxylation of 2-Pyridylphenols with CO ₂ . <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4005-4011.	2.1	30
28	Ligand-enabled site-selectivity in a versatile rhodium(ii)-catalysed aryl C-H carboxylation with CO ₂ . <i>Nature Catalysis</i> , 2018, 1, 469-478.	16.1	104
29	Rhodium(II)-Catalyzed C-H Bond Carboxylation of Heteroarenes with CO ₂ . <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1376-1379.	1.3	21
30	Palladium-Catalyzed C-H Trifluoroethoxylation of <i>N</i> -Sulfonylbenzamides. <i>Organic Letters</i> , 2017, 19, 2746-2749.	2.4	39
31	Synthesis of <i>m</i> -Alkylphenols via a Ruthenium-Catalyzed C-H Bond Functionalization of Phenol Derivatives. <i>Organic Letters</i> , 2017, 19, 2682-2685.	2.4	56
32	Sulfinyl isobutyramide as an auxiliary for palladium(ii)-catalyzed C-H arylation and iodination of benzylamine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4966-4970.	1.5	15
33	Incorporation of Carbon Dioxide into Carbamate Directing Groups: Palladium-Catalyzed <i>meta</i> -C-H Olefination and Acetoxylation of Aniline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2235-2240.	2.1	32
34	Ruthenium-catalyzed <i>meta/ortho</i> -selective C-H alkylation of azoarenes using alkyl bromides. <i>Chemical Communications</i> , 2017, 53, 1261-1264.	2.2	67
35	Ruthenium-Catalyzed <i>ortho/meta</i> -Selective Dual C-H Bonds Functionalizations of Arenes. <i>Organic Letters</i> , 2017, 19, 5166-5169.	2.4	48
36	Directed <i>Meta</i> -Selective C-H Bond Functionalizations. , 2017, , 289-325.		5

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37	IMDAF Cascade Approach toward the Synthesis of the Alkaloid (±)-Minfiensine. <i>Journal of Organic Chemistry</i> , 2016, 81, 10193-10203.	1.7	13
38	Pd(II)-catalysed meta-C-H functionalizations of benzoic acid derivatives. <i>Nature Communications</i> , 2016, 7, 10443.	5.8	154
39	Pd(II)-Catalyzed C-H Functionalizations Directed by Distal Weakly Coordinating Functional Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 4391-4397.	6.6	143
40	Pd-catalyzed remote regiodivergent ortho- and meta-C-H functionalizations of phenylethylamines. <i>Chemical Science</i> , 2015, 6, 5595-5600.	3.7	139
41	Conformation-induced remote meta-C-H activation of amines. <i>Nature</i> , 2014, 507, 215-220.	13.7	481
42	Recent advances in directed C-H functionalizations using monodentate nitrogen-based directing groups. <i>Organic Chemistry Frontiers</i> , 2014, 1, 843.	2.3	519
43	Role of N-Acyl Amino Acid Ligands in Pd(II)-Catalyzed Remote C-H Activation of Tethered Arenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 894-897.	6.6	263
44	Cross-Coupling of Remote meta-C-H Bonds Directed by a U-Shaped Template. <i>Journal of the American Chemical Society</i> , 2013, 135, 18056-18059.	6.6	248
45	Ether-Directed ortho-C-H Olefination with a Palladium(II)/Monoprotected Amino Acid Catalyst. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1245-1247.	7.2	145
46	Sequential C-H Functionalization Reactions for the Enantioselective Synthesis of Highly Functionalized 2,3-Dihydrobenzofurans. <i>Journal of the American Chemical Society</i> , 2013, 135, 6774-6777.	6.6	142
47	Pd(II)-Catalyzed ortho- or meta-C-H Olefination of Phenol Derivatives. <i>Journal of the American Chemical Society</i> , 2013, 135, 7567-7571.	6.6	305
48	Activation of remote meta-C-H bonds assisted by an end-on template. <i>Nature</i> , 2012, 486, 518-522.	13.7	794
49	Constructing the architecturally distinctive ABD-tricycle of phomactin A through an intramolecular oxa-[3+3] annulation strategy. <i>Tetrahedron</i> , 2011, 67, 10105-10118.	1.0	32
50	Intramolecular Diels-Alder Cycloaddition/Rearrangement Cascade of an Amidofuran Derivative for the Synthesis of (±)-Minfiensine. <i>Organic Letters</i> , 2011, 13, 3767-3769.	2.4	59
51	Stereodivergent Approach to Both C2,8a-syn and C2,8a-anti Relative Stereochemical Manifolds in the Lepadin Family via a TiCl ₄ -Promoted Aza-[3+3] Annulation. <i>Synthesis</i> , 2009, 2009, 2905-2914.	1.2	7
52	Assignment of the C5 [±] Relative Stereochemistry in (+)-Lepadin F and (+)-Lepadin G and Absolute Configuration of (+)-Lepadin G. <i>Organic Letters</i> , 2009, 11, 4616-4619.	2.4	16
53	Total Synthesis of Phomactin A. <i>Organic Letters</i> , 2009, 11, 1591-1594.	2.4	52
54	Total Synthesis of (+)-Lepadin F. <i>Organic Letters</i> , 2008, 10, 4991-4994.	2.4	28

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55	Visible-Light-Induced Arylcarboxylation of Enamides with CO ₂ and Aryl Iodides to Synthesize α -Amino Acids. Asian Journal of Organic Chemistry, 0, , .	1.3	2