

Gang Li

List of Publications by Year in descending order

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55
papers

4,614
citations

218592
26
h-index

161767
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all docs

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docs citations

72
times ranked

2983
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of remote meta-Câ€“H bonds assisted by an end-on template. <i>Nature</i> , 2012, 486, 518-522.	13.7	794
2	Recent advances in directed Câ€“H functionalizations using monodentate nitrogen-based directing groups. <i>Organic Chemistry Frontiers</i> , 2014, 1, 843.	2.3	519
3	Conformation-induced remote meta-Câ€“H activation of amines. <i>Nature</i> , 2014, 507, 215-220.	13.7	481
4	Pd(II)-Catalyzed <i>ortho</i> - or <i>meta</i> -Câ€“H Olefination of Phenol Derivatives. <i>Journal of the American Chemical Society</i> , 2013, 135, 7567-7571.	6.6	305
5	Role of <i>N</i> -Acyl Amino Acid Ligands in Pd(II)-Catalyzed Remote Câ€“H Activation of Tethered Arenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 894-897.	6.6	263
6	Cross-Coupling of Remote <i>meta</i> -Câ€“H Bonds Directed by a U-Shaped Template. <i>Journal of the American Chemical Society</i> , 2013, 135, 18056-18059.	6.6	248
7	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
8	Pd(II)-catalysed meta-Câ€“H functionalizations of benzoic acid derivatives. <i>Nature Communications</i> , 2016, 7, 10443.	5.8	154
9	Ether-Directed <i>ortho</i> -Câ€“H Olefination with a Palladium(II)/Monoprotected Amino Acid Catalyst. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1245-1247.	7.2	145
10	Pd(II)-Catalyzed Câ€“H Functionalizations Directed by Distal Weakly Coordinating Functional Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 4391-4397.	6.6	143
11	Sequential Câ€“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
12	Pd(<i>scp</i>)-catalyzed remote regiodivergent <i>ortho</i> - and <i>meta</i> -Câ€“H functionalizations of phenylethylamines. <i>Chemical Science</i> , 2015, 6, 5595-5600.	3.7	139
13	Ligand-enabled site-selectivity in a versatile rhodium(ii)-catalysed aryl Câ€“H carboxylation with CO ₂ . <i>Nature Catalysis</i> , 2018, 1, 469-478.	16.1	104
14	Ruthenium-catalyzed meta/ortho-selective Câ€“H alkylation of azoarenes using alkyl bromides. <i>Chemical Communications</i> , 2017, 53, 1261-1264.	2.2	67
15	Rhodium(I)-Catalyzed Aryl Câ€“H Carboxylation of 2-Arylanilines with CO ₂ . <i>Organic Letters</i> , 2019, 21, 3663-3669.	2.4	65
16	Palladium-Catalyzed Direct Câ€“H Carbonylation of Free Primary Benzylamines: A Synthesis of Benzolactams. <i>Organic Letters</i> , 2018, 20, 2595-2598.	2.4	60
17	Intramolecular Diels-Alder Cycloaddition/Rearrangement Cascade of an Amidofuran Derivative for the Synthesis of (Â±)-Minfiensine. <i>Organic Letters</i> , 2011, 13, 3767-3769.	2.4	59
18	Synthesis of <i>m</i> -Alkylphenols via a Ruthenium-Catalyzed Câ€“H Bond Functionalization of Phenol Derivatives. <i>Organic Letters</i> , 2017, 19, 2682-2685.	2.4	56

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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	Total Synthesis of Phomactin A. <i>Organic Letters</i> , 2009, 11, 1591-1594.	2.4	52
21	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
22	Palladium-Catalyzed C-H Trifluoroethoxylation of <i>N</i> -Sulfonylbenzamides. <i>Organic Letters</i> , 2017, 19, 2746-2749.	2.4	39
23	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
24	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
25	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
26	Total Synthesis of (+)-Lepadine F. <i>Organic Letters</i> , 2008, 10, 4991-4994.	2.4	28
27	<i>meta</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
28	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
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	Arene C-H Iodination Using Aryl Iodides. <i>CCS Chemistry</i> , 2022, 4, 1889-1900.	4.6	21
31	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
32	Assignment of the C5 ² Relative Stereochemistry in (+)-Lepadine F and (+)-Lepadine G and Absolute Configuration of (+)-Lepadine G. <i>Organic Letters</i> , 2009, 11, 4616-4619.	2.4	16
33	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
34	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
35	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
36	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

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37	Carboxyl-Assisted <i>meta</i> -Selective C–H Functionalizations of Benzylsulfonamides. <i>Organic Letters</i> , 2020, 22, 7791-7796.	2.4	15
38	IMDAF Cascade Approach toward the Synthesis of the Alkaloid (±)-Minfiensine. <i>Journal of Organic Chemistry</i> , 2016, 81, 10193-10203.	1.7	13
39	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
40	AIBN for Ru-catalyzed <i>meta</i> -C–Ar–H alkylation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2474-2479.	2.3	13
41	Rh(<i>η</i> ⁵ -Cp*)-Catalyzed regioselective arylcarboxylation of acrylamides with arylboronic acids and CO ₂ . <i>Green Chemistry</i> , 2020, 22, 7328-7332.	4.6	11
42	Pd(<i>η</i> ² -C=C)-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
43	<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
44	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
45	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
46	Cascade Annulation of 2-Alkynylthioanisoles with Unsaturated β -Bromocarbonyls Leading to Thio-Benzobicyclic Skeletons. <i>Journal of Organic Chemistry</i> , 2018, 83, 13726-13733.	1.7	9
47	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
48	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
49	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
50	Directed <i>Meta</i> -Selective C–H Bond Functionalizations. , 2017, , 289-325.		5
51	Dearomative spirocyclization via visible-light-induced reductive hydroarylation of non-activated arenes. <i>Chinese Chemical Letters</i> , 2022, 33, 225-228.	4.8	5
52	<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
53	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
54	Native carboxyl group-assisted C–H acetoxylation of hydrocinnamic and phenylacetic acids. <i>Chemical Communications</i> , 2022, 58, 4993-4996.	2.2	3

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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