

Lianhui Wang

List of Publications by Year in descending order

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36
papers

1,254
citations

394421

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis of 2-trifluoromethylquinolines through rhodium-catalysed redox-neutral [3 + 3] annulation between anilines and CF ₃ -ynones using traceless directing groups. <i>Organic Chemistry Frontiers</i> , 2022, 9, 413-419.	4.5	7
2	Nickel-Catalyzed Chemo- and Regioselective Benzylarylation of Unactivated Alkenes with <i>ortho</i> -Bromobenzyl Chlorides. <i>Organic Letters</i> , 2022, 24, 328-333.	4.6	4
3	Rh(III)-catalyzed annulation of azobenzenes and α -Cl ketones toward 3-acyl-2H-indazoles. <i>Chinese Chemical Letters</i> , 2021, 32, 1709-1712.	9.0	16
4	Regioselective Synthesis of 2,4-Diaryl-6-trifluoromethylated Pyridines through Copper-Catalyzed Cyclization of CF ₃ -Ynones and Vinyl Azides. <i>Journal of Organic Chemistry</i> , 2021, 86, 6423-6432.	3.2	11
5	Synthesis of 2-Alkenyl-4-H- β -Benzoxazin-4-Ones through HFIP-Mediated Decarboxylative [4+2]-Annulation of Isatoic Anhydrides with Cyclopropanones under Silver Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4085-4090.	4.3	7
6	Dual-Emissive Tris-Heteroleptic Ruthenium Complexes: Tuning the DNA-Triggered Ratiometric Emission Response by Ancillary Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 14810-14819.	4.0	8
7	Facile access to versatile aza-macrolides through iridium-catalysed cascade allyl-amination/macrolactonization. <i>Chemical Communications</i> , 2020, 56, 960-963.	4.1	16
8	One-Pot Synthesis of Furo[3,4- <i>c</i>]indolo[2,1- <i>a</i>]isoquinolines through Rh(III)-Catalyzed Cascade Reactions of 2-Phenylindoles with 4-Hydroxy-2-alkynoates. <i>Organic Letters</i> , 2020, 22, 5140-5144.	4.6	45
9	Tandem Construction of Indole-Fused Phthalazines from (2-Alkynylbenzylidene)hydrazines under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 3029-3040.	3.2	14
10	Rh(III)-Catalyzed Sequential C-H Amination/Annulation Cascade Reactions: Synthesis of Multisubstituted Benzimidazoles. <i>Organic Letters</i> , 2019, 21, 5570-5574.	4.6	38
11	Iridium(<i>scpr</i>)-catalysed annulation of pyrazolidinones with propiolates: a facile route to pyrazolo[1,2- <i>a</i>]indazoles. <i>Chemical Communications</i> , 2019, 55, 6094-6097.	4.1	52
12	Synthesis of polysubstituted 3-aminoindenes via rhodium-catalysed [3+2] cascade annulations of benzimidates with alkenes. <i>Chemical Communications</i> , 2019, 55, 4190-4193.	4.1	20
13	Rh(III)-Catalyzed One-Pot Synthesis of Benzimidazoquinazolines via C-H Amidation-Cyclization of N-LG-2-phenylbenzimidazoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 560-567.	3.2	34
14	Recent Advances in the I ₂ -Catalyzed C-H Bond Functionalizations. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 1596.	1.3	15
15	Iridium-catalysed direct sulfamidation of quinazolinones. <i>RSC Advances</i> , 2018, 8, 8450-8454.	3.6	20
16	One-Pot Synthesis of <i>N</i> -Alkyl Benzotriazoles via a Brønsted Acid-Catalyzed Three-Component Reaction. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 374-378.	4.3	6
17	Rhodium-Catalyzed Mild C7-Amination of Indolines with Nitrosobenzenes. <i>ChemistrySelect</i> , 2018, 3, 13497-13500.	1.5	4
18	Rhodium-catalyzed oxidative homologation of <i>N</i> -pyrimidyl indolines with alkynes via dual C-H activation: Facile synthesis of benzo[<i>g</i>]indolines. <i>Chinese Chemical Letters</i> , 2018, 29, 907-910.	9.0	35

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19	One-Pot Access to <i>peri</i> -Condensed Heterocycles via Manganese-Catalyzed Cascade C–N and C–C Bond Formation. <i>Organic Letters</i> , 2018, 20, 4209-4212.	4.6	21
20	Recent Progress in Vibration Energy Recovery Devices and Methods. <i>Recent Patents on Mechanical Engineering</i> , 2018, 11, 24-30.	0.3	0
21	Synthesis of 2-Arylindoles through Pd(II)-Catalyzed Cyclization of Anilines with Vinyl Azides. <i>Journal of Organic Chemistry</i> , 2018, 83, 10974-10984.	3.2	33
22	Rh(III)-Catalyzed Synthesis of 2-Alkylbenzimidazoles from Imidamides and <i>N</i> -Hydroxycarbamates. <i>Organic Letters</i> , 2018, 20, 4930-4933.	4.6	29
23	Cobalt-Catalyzed Selective Synthesis of Isoquinolines Using Picolinamide as a Traceless Directing Group. <i>Organic Letters</i> , 2017, 19, 2102-2105.	4.6	97
24	Construction of Fused Polyheterocycles through Sequential [4 + 2] and [3 + 2] Cycloadditions. <i>Organic Letters</i> , 2017, 19, 1658-1661.	4.6	57
25	Rh(III)-Catalyzed Synthesis of Multisubstituted Isoquinolines from Benzylamines and Diazo Compounds. <i>ChemistrySelect</i> , 2017, 2, 2383-2387.	1.5	12
26	A Facile Route to <i>ortho</i> -Hydroxyanilines through an Ir ^{III} -Catalyzed Direct C–H Amidation of 2-Phenoxy pyridines. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2634-2643.	3.3	5
27	Iridium-catalyzed direct C–H amidation of anilines with sulfonyl azides: easy access to 1,2-diaminobenzenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8302-8307.	2.8	21
28	Iridium(III)-Catalyzed One-Pot Access to 1,2-Disubstituted Benzimidazoles Starting from Imidamides and Sulfonyl Azides. <i>Organic Letters</i> , 2017, 19, 4343-4346.	4.6	52
29	Rhodium-Catalyzed Synthesis of Multiaryl-Substituted Naphthols via a Removable Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3818-3825.	4.3	34
30	Facile synthesis of 1-aminoindoles via Rh(III)-catalysed intramolecular three-component annulation. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2179-2183.	4.5	30
31	Iridium-Catalyzed Direct <i>ortho</i> -C–H Amidation of Benzaldehydes through <i>N</i> -Sulfonyl Imines as Mask. <i>Organic Letters</i> , 2016, 18, 4924-4927.	4.6	43
32	Efficient and Selective Synthesis of <i>α</i> -Enamides via Ru(II)-Catalyzed Hydroamidation of Internal Alkynes. <i>ACS Catalysis</i> , 2016, 6, 186-190.	11.2	35
33	Copper-Catalyzed Synthesis of 2-Arylquinazolinones from 2-Arylindoles with Amines or Ammoniums. <i>Journal of Organic Chemistry</i> , 2015, 80, 7099-7107.	3.2	62
34	Rhodium(III)-Catalyzed C–H Activation/Alkyne Annulation by Weak Coordination of Peresters with O–O Bond as an Internal Oxidant. <i>Organic Letters</i> , 2015, 17, 4960-4963.	4.6	83
35	Transition-Metal-Catalyzed Direct C–H Functionalization under External-Oxidant-Free Conditions. <i>Synthesis</i> , 2015, 47, 439-459.	2.3	106
36	Ruthenium-catalyzed aerobic oxidative coupling of alkynes with 2-aryl-substituted pyrroles. <i>Chemical Science</i> , 2012, 3, 177-180.	7.4	182