

Wangqing Kong

List of Publications by Year in descending order

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papers

5,165
citations

101384

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times ranked

2578
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#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed One-Pot Trifluoromethylation/Aryl Migration/Desulfonation and C(sp ²)-N Bond Formation of Conjugated Tosyl Amides. <i>Journal of the American Chemical Society</i> , 2013, 135, 14480-14483.	6.6	375
2	Cyclization Cascades via N-Amidyl Radicals toward Highly Functionalized Heterocyclic Scaffolds. <i>Journal of the American Chemical Society</i> , 2015, 137, 964-973.	6.6	358
3	Construction of Quaternary Stereocenters by Palladium-Catalyzed Carbopalladation-Initiated Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1562-1573.	7.2	294
4	Metal-Free Aryltrifluoromethylation of Activated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13086-13090.	7.2	277
5	Regio- and Enantioselective Aminofluorination of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2469-2473.	7.2	246
6	Ni-Catalyzed Enantioselective Reductive Diarylation of Activated Alkenes by Domino Cyclization/Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2018, 140, 12364-12368.	6.6	242
7	Arylphosphonylation and Arylazidation of Activated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5078-5082.	7.2	240
8	Palladium-Catalyzed Enantioselective Domino Heck/Intermolecular C-H Bond Functionalization: Development and Application to the Synthesis of (+)-Esermethole. <i>Journal of the American Chemical Society</i> , 2015, 137, 16028-16031.	6.6	178
9	Water as a Hydride Source in Palladium-Catalyzed Enantioselective Reductive Heck Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3987-3991.	7.2	167
10	Synthesis of Diversely Functionalized Oxindoles Enabled by Migratory Insertion of Isocyanide to a Transient η^3 -Alkylpalladium(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9714-9718.	7.2	157
11	Stereoselective Synthesis of Highly Functionalized Indanes and Dibenzocycloheptadienes through Complex Radical Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2487-2491.	7.2	153
12	Water as a Hydride Source in Palladium-Catalyzed Enantioselective Reductive Heck Reactions. <i>Angewandte Chemie</i> , 2017, 129, 4045-4049.	1.6	137
13	Nickel-Catalyzed Enantioselective Reductive Aryl Fluoroalkenylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 9127-9133.	5.5	122
14	Carbazoles via AuCl ₃ -Catalyzed Cyclization of 1-(Indol-2-yl)-3-alkyn-1-ols. <i>Organic Letters</i> , 2012, 14, 6198-6201.	2.4	111
15	Three-Component Alkene Difunctionalization by Direct and Selective Activation of Aliphatic C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7405-7411.	7.2	94
16	An efficient synthesis of carbazoles from PtCl ₂ -catalyzed cyclization of 1-(indol-2-yl)-2,3-allenols. <i>Chemical Communications</i> , 2009, , 4572.	2.2	90
17	Ni-Catalyzed stereoselective difunctionalization of alkynes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3941-3955.	2.3	88
18	Ni-Catalyzed Ligand-Controlled Regiodivergent Reductive Dicarbonylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 10282-10291.	6.6	88

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19	Nickel-Catalyzed Asymmetric Reductive Carbo-Carboxylation of Alkenes with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14068-14075.	7.2	77
20	Nickel-Catalyzed Domino Heck Cyclization/Suzuki Coupling for the Synthesis of 3,3-Disubstituted Oxindoles. <i>Organic Letters</i> , 2018, 20, 921-924.	2.4	76
21	Ni-Catalyzed Regio- and Enantioselective Domino Reductive Cyclization: One-Pot Synthesis of 2,3-Fused Cyclopentannulated Indolines. <i>ACS Catalysis</i> , 2019, 9, 7335-7342.	5.5	75
22	General Au-Catalyzed Benzannulation Towards Naturally Occurring Carbazole Alkaloids from Methoxypropadiene. <i>Chemistry - A European Journal</i> , 2011, 17, 13134-13137.	1.7	72
23	Ni-Catalyzed Reductive Difunctionalization of Alkenes. <i>Synthesis</i> , 2020, 52, 979-992.	1.2	68
24	Ni-Catalyzed enantioselective reductive aryl-alkenylation of alkenes: application to the synthesis of (+)-physoverine and (+)-physostigmine. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3305-3309.	2.3	67
25	Construction of Quaternary Stereocenters by Palladium-Catalyzed Carbopalladation-Initiated Cascade Reactions. <i>Angewandte Chemie</i> , 2019, 131, 1576-1587.	1.6	64
26	Recent Advances in Transition Metal-Catalyzed Asymmetric Radical Reactions. <i>Chinese Journal of Chemistry</i> , 2018, 36, 247-256.	2.6	53
27	Stereoselective Synthesis of Highly Functionalized Indanes and Dibenzocycloheptadienes through Complex Radical Cascade Reactions. <i>Angewandte Chemie</i> , 2015, 127, 2517-2521.	1.6	52
28	PtCl ₄ -Catalyzed Cyclization Reaction of β^2 -Allenols in the Presence of Indoles. <i>Organic Letters</i> , 2009, 11, 1213-1216.	2.4	50
29	Synthesis of Diversely Functionalized Oxindoles Enabled by Migratory Insertion of Isocyanide to a Transient η^3 -Alkylpalladium(II) Complex. <i>Angewandte Chemie</i> , 2016, 128, 9866-9870.	1.6	48
30	Ni-Catalyzed Reductive Arylacylation of Alkenes toward Carbonyl-Containing Oxindoles. <i>Organic Letters</i> , 2019, 21, 7498-7503.	2.4	48
31	Efficient synthesis of carbazoles via PtCl ₂ -catalyzed RT cyclization of 1-(indol-2-yl)-2,3-allenols: scope and mechanism. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2164.	1.5	47
32	Switchable 1,2-Rearrangement Enables Expedient Synthesis of Structurally Diverse Fluorine-Containing Scaffolds. <i>Journal of the American Chemical Society</i> , 2022, 144, 11626-11637.	6.6	44
33	Synthesis of bridged tricyclo[5.2.1.0 ^{1,5}]decanes via nickel-catalyzed asymmetric domino cyclization of enynones. <i>Nature Communications</i> , 2020, 11, 1882.	5.8	39
34	Diastereo- and Enantioselective Construction of Spirocycles by Nickel-Catalyzed Cascade Borrowing Hydrogen Cyclization. <i>Journal of the American Chemical Society</i> , 2021, 143, 53-59.	6.6	39
35	Stereoselective synthesis of pentasubstituted 1,3-dienes via Ni-catalyzed reductive coupling of unsymmetrical internal alkynes. <i>Chemical Science</i> , 2020, 11, 10204-10211.	3.7	38
36	Enantioselective palladium-catalyzed diarylation of unactivated alkenes. <i>Chemical Communications</i> , 2019, 55, 14311-14314.	2.2	37

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37	Exclusive 1,2-Aryl Shift in Platinum(II) Chloride-Catalyzed Cyclization of 1-(Indol-2-yl)-2,3-Allenols. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2339-2347.	2.1	36
38	Regiocontrolled 1,2-migration in cyclization of 1-(indol-2-yl)-3-alkyn-1-ols: (Ph) ₃ Au ⁺ vs. PtCl ₄ . <i>Organic Chemistry Frontiers</i> , 2014, 1, 62-67.	2.3	36
39	Synthesis of Indanones and Spiroindanones by Diastereoselective Annulation Based on a Hydrogen Autotransfer Strategy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5273-5278.	7.2	34
40	Divergent Reaction Mechanisms in the Aminofluorination of Alkenes. <i>Chimia</i> , 2014, 68, 430.	0.3	33
41	Pd-Catalyzed Enantioselective Double Heck Reaction. <i>Organic Letters</i> , 2019, 21, 9343-9347.	2.4	33
42	An Efficient CuCN-Catalyzed Synthesis of Optically Active 2,3-Allenols from Optically Active 1-Substituted 4-Chloro-2-butyne-1-ols. <i>Journal of Organic Chemistry</i> , 2009, 74, 5104-5106.	1.7	32
43	An Efficient Synthesis of Polysubstituted Naphthalene Derivatives by Gold-Catalyzed Cyclization of 1-Arylalka-2,3-dienyl Acetates. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6545-6555.	1.2	32
44	Ni-Catalyzed Reductive Antiarylation Cyclization of Alkynes. <i>Organic Letters</i> , 2020, 22, 6982-6987.	2.4	31
45	Ni-Catalyzed Divergent Synthesis of Benzazepine Derivatives via Tunable Cyclization and 1,4-Acyl Transfer Triggered by Amide N-C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
46	Intermolecular sequential [4 + 2]-cycloaddition-aromatization reaction of aryl-substituted allenes with DMAD affording phenanthrene and naphthalene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3606.	1.5	26
47	Studies on Electrophilic Reaction of Tertiary 2,3-Allenols with NBS in H ₂ O or Aqueous MeCN: An Efficient Selective Synthesis of 2-Bromoallylic Ketones, 1,2-Allenyl Ketones, or 3-Bromo-2,5-dihydrofurans. <i>Journal of Organic Chemistry</i> , 2009, 74, 8733-8738.	1.7	26
48	Enantioselective Reductive Diarylation of Alkenes by Ni-Catalyzed Domino Heck Cyclization/Cross Coupling. <i>Synlett</i> , 2019, 30, 1008-1014.	1.0	23
49	Recent Progress in the Consecutive Double Heck Reaction. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1154-1161.	1.3	23
50	Synthesis of gem-Difluoroalkenes via Ni-Catalyzed Three-Component Defluorinative Reductive Cross-Coupling of Organohalides, Alkenes and Trifluoromethyl Alkenes. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2212-2218.	2.6	22
51	Ni-Catalyzed Reductive Arylcyanation of Alkenes. <i>Organic Letters</i> , 2021, 23, 6466-6470.	2.4	20
52	Indium and zinc-mediated Barbier-type addition reaction of 2,3-allenals with allyl bromide: an efficient synthesis of 1,5,6-alkatrien-4-ols. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4587.	1.5	19
53	A Recycling-Free Nanocatalyst System: The Stabilization of In Situ-Reduced Noble Metal Nanoparticles on Silicone Nanofilaments via a Mussel-Inspired Approach. <i>ACS Catalysis</i> , 2017, 7, 2412-2418.	5.5	19
54	An Efficient Approach to Bromoalkenols by Regioselective Bromohydroxylation Reaction of Simple Allenes with NBS. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2278-2285.	1.2	14

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55	Nickel-catalyzed enantioselective electroreductive cross-couplings. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3262-3265.	2.3	11
56	Nickel-catalyzed Asymmetric Reductive Carboxylation of Alkenes with CO ₂ . <i>Angewandte Chemie</i> , 2021, 133, 14187-14194.	1.6	11
57	Three-Component Alkene Difunctionalization by Direct and Selective Activation of Aliphatic C-H Bonds. <i>Angewandte Chemie</i> , 2021, 133, 7481-7487.	1.6	8
58	Allylic alcohol synthesis by Ni-catalyzed direct and selective coupling of alkynes and methanol. <i>Chemical Science</i> , 2021, 12, 9372-9378.	3.7	8
59	Synthesis of Indanones and Spiroindanones by Diastereoselective Annulation Based on a Hydrogen Autotransfer Strategy. <i>Angewandte Chemie</i> , 2021, 133, 5333-5338.	1.6	6
60	Ni-catalyzed Divergent Synthesis of 2-Benzazepine Derivatives via Tunable Cyclization and 1,4-Acyl Transfer Triggered by Amide N-Bond Cleavage. <i>Angewandte Chemie</i> , 0, , .	1.6	4
61	Expression of Concern for a Recycling-Free Nanocatalyst System: The Stabilization of In Situ-Reduced Noble Metal Nanoparticles on Silicone Nanofilaments via a Mussel-Inspired Approach. <i>ACS Catalysis</i> , 2018, 8, 1212-1212.	5.5	0