

# Zisong Qi

## List of Publications by Year in descending order

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41  
papers

3,500  
citations

136950

32  
h-index

243625

44  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rh(III)- and Ir(III)-Catalyzed C–H Alkynylation of Arenes under Chelation Assistance. <i>Journal of the American Chemical Society</i> , 2014, 136, 4780-4787.	13.7	389
2	Experimental and Theoretical Studies on Rhodium-Catalyzed Coupling of Benzamides with 2,2-Difluorovinyl Tosylate: Diverse Synthesis of Fluorinated Heterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 3537-3545.	13.7	229
3	Rhodium(III)-Catalyzed C–C and C–O Coupling of Quinoline N-Oxides with Alkynes: Combination of C–H Activation with O–Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10794-10798.	13.8	200
4	Rhodium(III)-Catalyzed Azidation and Nitration of Arenes by C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11862-11866.	13.8	176
5	Rhodium(III)-Catalyzed Coupling of Arenes with 7-Oxa/Azabenzonorbornadienes by C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8995-9000.	13.8	140
6	Access to Indenones by Rhodium(III)-Catalyzed C–H Annulation of Arylnitrones with Internal Alkynes. <i>Organic Letters</i> , 2013, 15, 5440-5443.	4.6	137
7	Ruthenium(II)-Catalyzed C–H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3-Hydroxy-Indoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11877-11881.	13.8	126
8	Rh(III)-Catalyzed Synthesis of N-Unprotected Indoles from Imidamides and Diazo Ketoesters via C–H Activation and C–C/C–N Bond Cleavage. <i>Organic Letters</i> , 2016, 18, 700-703.	4.6	122
9	Nitrone Directing Groups in Rhodium(III)-Catalyzed C–H Activation of Arenes: 1,3-Dipoles versus Traceless Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15351-15355.	13.8	119
10	Rh(III)-Catalyzed Oxidative Annulation of 2-Phenylimidazo[1,2-a]pyridines with Alkynes: Mono versus Double C–H Activation. <i>Journal of Organic Chemistry</i> , 2015, 80, 3471-3479.	3.2	117
11	Rh(III)-Catalyzed C–H Alkylation of Arenes Using Alkylboron Reagents. <i>Organic Letters</i> , 2015, 17, 2812-2815.	4.6	107
12	Palladium-Catalyzed Oxidative Heck Coupling Reaction for Direct Synthesis of 4-Arylcoumarins Using Coumarins and Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 2053-2057.	3.2	103
13	Lewis Acid-Catalyzed Electrophilic Trifluoromethylthiolation of (Hetero)Arenes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 355-360.	4.3	98
14	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C–H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13288-13294.	13.8	98
15	Iridium- and Rhodium-Catalyzed C–H Activation and Formyl Alkynylation of Benzaldehydes under Chelation-Assistance. <i>Organic Letters</i> , 2015, 17, 920-923.	4.6	95
16	Rhodium-Catalyzed Enantioselective Oxidative [3+2] Annulation of Arenes and Azabicyclic Olefins through Twofold C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17666-17670.	13.8	85
17	Rhodium(III)-Catalyzed Mild Alkylation of (Hetero)Arenes with Cyclopropanols via C–H Activation and Ring Opening. <i>Journal of Organic Chemistry</i> , 2016, 81, 4869-4875.	3.2	80
18	Mild and Efficient Ir(III)-Catalyzed Direct C–H Alkynylation of N-Phenoxyacetamides with Terminal Alkyne. <i>ACS Catalysis</i> , 2015, 5, 6999-7003.	11.2	75

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19	Rhodium(III)-Catalyzed Annulation between <i>N</i> -Sulfinyl Ketoimines and Activated Olefins: C-H Activation Assisted by an Oxidizing N-S Bond. <i>ACS Catalysis</i> , 2016, 6, 1971-1980.	11.2	73
20	Rh(III)-Catalyzed Coupling of Benzamides with Propargyl Alcohols via Hydroarylation-Lactonization. <i>Organic Letters</i> , 2013, 15, 6290-6293.	4.6	71
21	Rh <sup>III</sup> -Catalyzed Hydroacylation Reactions between <i>N</i> -Sulfonyl 2-Aminobenzaldehydes and Olefins. <i>Chemistry - A European Journal</i> , 2014, 20, 3283-3287.	3.3	66
22	The Mechanism of Ni $\xi$ O Bond Cleavage in Rhodium-Catalyzed C $\xi$ H Bond Functionalization of Quinoline <i>N</i> -oxides with Alkynes: A Computational Study. <i>Chemistry - A European Journal</i> , 2015, 21, 10131-10137.	3.3	59
23	Synthesis of 2-Substituted Quinolines via Rhodium(III)-Catalyzed C-H Activation of Imidamides and Coupling with Cyclopropanols. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1620-1625.	4.3	59
24	Rhodium-Catalyzed C $\xi$ S and C $\xi$ N Functionalization of Arenes: Combination of C $\xi$ H Activation and Hypervalent Iodine Chemistry. <i>Chemistry - A European Journal</i> , 2016, 22, 511-516.	3.3	54
25	Rhodium(III)-Catalyzed Redox-Neutral C-H Arylation via Rearomatization. <i>Organic Letters</i> , 2014, 16, 1586-1589.	4.6	51
26	Rhodium(III)-Catalyzed Regio- and Stereoselective C-H Allylation of Arenes with Vinyl Benzoxazinanes. <i>Organic Letters</i> , 2016, 18, 4392-4395.	4.6	47
27	Rhodium(III)-catalyzed C-H alkynylation of azomethine ylides under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9329-9332.	2.8	44
28	Rh(III)-Catalyzed synthesis of sultones through C-H activation directed by a sulfonic acid group. <i>Chemical Communications</i> , 2014, 50, 9776.	4.1	41
29	Construction of Atropisomeric 3-Arylindoles via Enantioselective Cacchi Reaction. <i>Organic Letters</i> , 2021, 23, 5901-5905.	4.6	37
30	Palladium-Catalyzed Synthesis of Functionalized Indoles by Acylation/Allylation of 2-Alkynylanilines with Three-Membered Rings. <i>Organic Letters</i> , 2022, 24, 2093-2098.	4.6	33
31	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C-H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 13390-13396.	2.0	32
32	Rhodium-Catalyzed Enantioselective Oxidative [3+2] Annulation of Arenes and Azabicyclic Olefins through Twofold C-H Activation. <i>Angewandte Chemie</i> , 2019, 131, 17830-17834.	2.0	31
33	Rh(III)-catalyzed coupling of nitrones with alkynes for the synthesis of indolines. <i>Chinese Journal of Catalysis</i> , 2015, 36, 925-932.	14.0	27
34	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3-Indoles. <i>Angewandte Chemie</i> , 2016, 128, 12056-12060.	2.0	27
35	Synthesis of Cyclopentadienols by Rhodium-Catalyzed C-H Activation of 8-Formylquinolines and [2+2+1] Carbocyclization with Alkynes. <i>ACS Catalysis</i> , 2016, 6, 6372-6376.	11.2	25
36	Rhodium(III)-catalyzed [3+2] annulative coupling between oximes and electron-deficient alkynes. <i>Science China Chemistry</i> , 2015, 58, 1297-1301.	8.2	24

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37	Nitrone Directing Groups in Rhodium(III)-Catalyzed C-H Activation of Arenes: 1,3-Dipoles versus Traceless Directing Groups. <i>Angewandte Chemie</i> , 2016, 128, 15577-15581.	2.0	23
38	Rh(III)-catalyzed C-H activation of benzamides: Coupling with quinones. <i>Chinese Journal of Catalysis</i> , 2015, 36, 48-56.	14.0	17
39	Rhodium(III)-catalyzed annulation of arenes with alkynes assisted by an internal oxidizing N=O bond. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10977-10980.	2.8	14
40	Rhodium-catalyzed tandem aldol condensation-Robinson annulation between aldehydes and acetone: synthesis of 3-methylcyclohexenones. <i>Tetrahedron Letters</i> , 2014, 55, 6399-6402.	1.4	5
41	Front Cover Picture: Synthesis of 2-Substituted Quinolines <i>via</i> Rhodium(III)-Catalyzed C-H Activation of Imidamides and Coupling with Cyclopropanols ( <i>Adv. Synth. Catal.</i> 10/2017). <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1599-1599.	4.3	2