

# Zi-Qiang Rong

## List of Publications by Year in descending order

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29  
papers

2,551  
citations

331670

21  
h-index

477307

29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4455-4458.	13.8	267
2	Construction of Nine-Membered Heterocycles through Palladium-Catalyzed Formal [5+4] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2927-2931.	13.8	245
3	Desymmetrization of Cyclohexadienones via Brønsted Acid-Catalyzed Enantioselective Oxo-Michael Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 4056-4057.	13.7	244
4	Enantioselective <i>N</i> -Heterocyclic Carbene-Catalyzed Michael Addition to $\hat{1},\hat{1}^2$ -Unsaturated Aldehydes by Redox Oxidation. <i>Organic Letters</i> , 2011, 13, 4080-4083.	4.6	225
5	Nine-Membered Benzofuran-Fused Heterocycles: Enantioselective Synthesis by Pd-Catalysis and Rearrangement via Transannular Bond Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 15304-15307.	13.7	215
6	Pd-Catalyzed Enantioselective [6+4] Cycloaddition of Vinyl Oxetanes with Azadienes to Access Ten-Membered Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1596-1600.	13.8	151
7	Dynamic Kinetic Asymmetric Amination of Alcohols: From A Mixture of Four Isomers to Diastereo- and Enantiopure $\hat{1},\hat{1}$ -Branched Amines. <i>Journal of the American Chemical Society</i> , 2015, 137, 4944-4947.	13.7	148
8	Palladium-Titanium Relay Catalysis Enables Switch from Alkoxide-Catalyzed Allyl to Dienolate Reactivity for Spiro-Heterocycle Synthesis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7860-7864.	13.8	109
9	A Catalyst-Enabled Diastereodivergent Aza-Diels-Alder Reaction: Complementarity of <i>N</i> -Heterocyclic Carbenes and Chiral Amines. <i>Chemistry - A European Journal</i> , 2016, 22, 9483-9487.	3.3	107
10	Stereoselective synthesis of $\hat{1},\hat{1}$ -lactones or spiro-heterocycles through NHC-catalyzed annulation: divergent reactivity by catalyst control. <i>Chemical Communications</i> , 2014, 50, 15309-15312.	4.1	104
11	<i>N</i> -Heterocyclic Carbene-Catalyzed Redox Reactions of $\hat{1},\hat{1}$ -Functionalized Aldehydes. <i>Current Organic Chemistry</i> , 2011, 15, 3077-3090.	1.6	99
12	Stereoselective access to [5.5.0] and [4.4.1] bicyclic compounds through Pd-catalysed divergent higher-order cycloadditions. <i>Nature Chemistry</i> , 2020, 12, 860-868.	13.6	79
13	NHC-Catalyzed Atroposelective Acylation of Phenols: Access to Enantiopure NOBIN Analogs by Desymmetrization. <i>Organic Letters</i> , 2019, 21, 6169-6172.	4.6	67
14	Construction of Nine-Membered Heterocycles through Palladium-Catalyzed Formal [5+4] Cycloaddition. <i>Angewandte Chemie</i> , 2017, 129, 2973-2977.	2.0	63
15	Pd-Catalyzed Enantioselective [6+4] Cycloaddition of Vinyl Oxetanes with Azadienes to Access Ten-Membered Heterocycles. <i>Angewandte Chemie</i> , 2018, 130, 1612-1616.	2.0	47
16	Synthesis of (1 <i>R</i> ,2 <i>R</i> )-DPEN-derived triazolium salts and their application in asymmetric intramolecular Stetter reactions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2072.	2.8	45
17	Intramolecular Acetyl Transfer to Olefins by Catalytic C-C Bond Activation of Unstrained Ketones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 475-479.	13.8	45
18	Enantioselective Oxidation of 1,2-Diols with Quinine-Derived Urea Organocatalyst. <i>Organic Letters</i> , 2014, 16, 208-211.	4.6	42

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19	Palladium-Titanium Relay Catalysis Enables Switch from Alkoxide to Allyl to Dienolate Reactivity for Spiro-Heterocycle Synthesis. <i>Angewandte Chemie</i> , 2018, 130, 7986-7990.	2.0	24
20	Dynamic Kinetic Asymmetric Amination of Alcohols Assisted by Microwave: Stereoconvergent Access to Tetralin- and Indane-Derived Chiral Amines. <i>ACS Catalysis</i> , 2020, 10, 9464-9475.	11.2	24
21	Recent Advances in the Synthesis of Acylsilanes. <i>ChemCatChem</i> , 2020, 12, 5022-5033.	3.7	22
22	(1R,2R)-DPEN-derived triazolium salts for enantioselective oxodiene Diels-Alder reactions. <i>Tetrahedron</i> , 2011, 67, 9329-9333.	1.9	18
23	Redox-Neutral Nickel-Catalyzed Cross-Coupling Reactions of (Homo)allylic Alcohols and Aryltriflates. <i>ACS Catalysis</i> , 2021, 11, 7319-7326.	11.2	16
24	Regioselective synthesis of indenones via nickel-catalyzed Larock annulations. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3847-3852.	4.5	15
25	Transition metal-catalyzed conversion of aldehydes to ketones. <i>Chinese Chemical Letters</i> , 2022, 33, 1207-1226.	9.0	13
26	d-Camphor-Derived Triazolium Salts for Enantioselective Intramolecular Stetter Reactions. <i>Synlett</i> , 2011, 2011, 1033-1037.	1.8	12
27	Intramolecular Acetyl Transfer to Olefins by Catalytic C-C Bond Activation of Unstrained Ketones. <i>Angewandte Chemie</i> , 2018, 130, 484-488.	2.0	9
28	Redox-neutral dehydrogenative cross-coupling of alcohols and amines enabled by nickel catalysis. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1703-1710.	4.5	8
29	Direct and selective synthesis of 3-arylphthalides via nickel-catalyzed aryl addition/intramolecular esterification. <i>Tetrahedron</i> , 2021, , 132162.	1.9	0