

Qing-Wei Zhang

List of Publications by Year in descending order

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35
papers

2,145
citations

236925

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330143

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docs citations

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times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Brønsted Acid Catalyzed Enantioselective Semipinacol Rearrangement for the Synthesis of Chiral Spiroethers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8572-8574.	13.8	195
2	Organocatalytic Asymmetric Halogenation/Semipinacol Rearrangement: Highly Efficient Synthesis of Chiral β -Oxa-Quaternary β -Haloketones. <i>Journal of the American Chemical Society</i> , 2011, 133, 8818-8821.	13.7	162
3	Rhodium-Catalyzed Enantioselective Intramolecular C-H Silylation for the Syntheses of Planar Chiral Metallocene Siloles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6918-6921.	13.8	157
4	Simultaneous oxidative and reductive reactions in one system by atomic design. <i>Nature Catalysis</i> , 2021, 4, 134-143.	34.4	132
5	Construction of Chiral Tetraorganosilicons by Tandem Desymmetrization of Silacyclobutanes/Intermolecular Dehydrogenative Silylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1125-1129.	13.8	128
6	Two-Step Carbothermal Welding To Access Atomically Dispersed Pd ₁ on Three-Dimensional Zirconia Nanonet for Direct Indole Synthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 10590-10594.	13.7	108
7	Enantioselective bromination/semipinacol rearrangement for the synthesis of β -bromoketones containing an all-carbon quaternary center. <i>Chemical Science</i> , 2011, 2, 1839.	7.4	103
8	Ni-Catalyzed Asymmetric Allylation of Secondary Phosphine Oxides. <i>Journal of the American Chemical Society</i> , 2019, 141, 16584-16589.	13.7	93
9	Rhodium-Catalyzed Intramolecular C-H Silylation by Silacyclobutanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6319-6323.	13.8	91
10	Fluorodecarboxylation for the Synthesis of Trifluoromethyl Aryl Ethers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9758-9762.	13.8	83
11	Ni-Catalyzed Asymmetric Hydrophosphination of Unactivated Alkynes. <i>Journal of the American Chemical Society</i> , 2021, 143, 11309-11316.	13.7	76
12	Rhodium-Catalyzed Tandem Cyclization/Si-C Activation Reaction for the Synthesis of Siloles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5667-5671.	13.8	64
13	Organocatalytic Asymmetric Fluorination/Semipinacol Rearrangement: An Efficient Approach to Chiral β -Fluoroketones. <i>Chemistry - A European Journal</i> , 2012, 18, 12950-12954.	3.3	63
14	Formal Synthesis of (β)-Cephalotaxine Based on a Tandem Hydroamination/Semipinacol Rearrangement Reaction. <i>Chemistry - an Asian Journal</i> , 2012, 7, 894-898.	3.3	61
15	Construction of Chiral Tetraorganosilicons by Tandem Desymmetrization of Silacyclobutanes/Intermolecular Dehydrogenative Silylation. <i>Angewandte Chemie</i> , 2017, 129, 1145-1149.	2.0	48
16	Formal Syntheses of (β)-Stemonamine and (β)-Cephalotaxine. <i>Journal of Organic Chemistry</i> , 2009, 74, 3211-3213.	3.2	42
17	Synthesis of heteroaromatic trifluoromethyl ethers with trifluoromethyl triflate as the source of the trifluoromethoxy group. <i>Chemical Communications</i> , 2018, 54, 10124-10127.	4.1	39
18	Enantioselective Syntheses of β -Silyl Amines via a Copper-N-Heterocyclic Carbene Catalyzed Nucleophilic Silicon Transfer to Imines. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 851-855.	2.7	36

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19	Rhodium hydride enabled enantioselective intermolecular C–H silylation to access acyclic stereogenic Si–H. <i>Nature Communications</i> , 2022, 13, 847.	12.8	34
20	Rhodium-Catalyzed Intramolecular C–H Silylation by Silacyclobutanes. <i>Angewandte Chemie</i> , 2016, 128, 6427-6431.	2.0	31
21	Ni-Catalyzed Enantioselective Allylic Alkylation of <i>trans</i> -Phosphinates. <i>Organic Letters</i> , 2021, 23, 8683-8687.	4.6	31
22	Ni-catalyzed asymmetric hydrophosphinylation of conjugated enynes and mechanistic studies. <i>Chemical Science</i> , 2022, 13, 4095-4102.	7.4	31
23	One-Pot Construction of Multi-Substituted Spiro-Cycloalkanediones by an Organocatalytic Asymmetric Epoxidation/Semipinacol Rearrangement. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2269-2272.	3.3	27
24	Ni-Catalyzed Enantioselective Benzoylation of Secondary Phosphine Oxide. <i>Organic Letters</i> , 2022, 24, 1258-1262.	4.6	26
25	Fluorodecarboxylation for the Synthesis of Trifluoromethyl Aryl Ethers. <i>Angewandte Chemie</i> , 2016, 128, 9910-9914.	2.0	25
26	Catalytic Synthesis of β -Conjugated Silole through Si–C (sp ³) Bond Activation. <i>Synlett</i> , 2015, 26, 1145-1152.	1.8	23
27	Enantioselective Construction of Stereogenic Center via Rhodium-Catalyzed Intermolecular Hydrosilylation of Alkene. <i>Chemistry - A European Journal</i> , 2020, 26, 17011-17015.	3.3	22
28	Rhodium-Catalyzed Intermolecular <i>trans</i> -Disilylation of Alkynones with Unactivated Disilanes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10868-10872.	13.8	20
29	Catalytic intermolecular carbon electrophile induced semipinacol rearrangement. <i>Chemical Communications</i> , 2013, 49, 1648.	4.1	19
30	Rhodium-Catalyzed Tandem Cyclization/Si–C Activation Reaction for the Synthesis of Siloles. <i>Angewandte Chemie</i> , 2014, 126, 5773-5777.	2.0	16
31	Direct Syntheses of Spiro- and Fused-Hydrofurans by a Tunable Tandem Semipinacol Rearrangement/Oxa-Michael Addition Protocol. <i>Chemistry - A European Journal</i> , 2013, 19, 5246-5249.	3.3	15
32	Copper-Catalyzed Trifunctionalization of Alkynes: Rapid Formation of Oxindoles Bearing Geminal Diboronates. <i>Chemistry - A European Journal</i> , 2019, 25, 966-970.	3.3	13
33	Rhodium-Catalyzed Intermolecular <i>trans</i> -Disilylation of Alkynones with Unactivated Disilanes. <i>Angewandte Chemie</i> , 2018, 130, 11034-11038.	2.0	5
34	Rhodium catalyzed asymmetric synthesis of Chiraphos derivatives. <i>Chinese Chemical Letters</i> , 2022, 33, 5084-5087.	9.0	4
35	Nickel-Catalyzed Asymmetric Synthesis of P-Stereogenic Vinyl Phosphines. <i>Synlett</i> , 2022, 33, 301-306.	1.8	1