

# Qianghui Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6283558/publications.pdf>

Version: 2024-02-01

52  
papers

2,628  
citations

236925

25  
h-index

223800

46  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Synthesis of Fluorinated Heteroarylether Bioisosteres. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3949-3952.	13.8	218
2	Asymmetric, Protecting-Group-Free Total Synthesis of (âˆ™)âˆ™Englerinâˆ™. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3513-3516.	13.8	184
3	Câ€“H Methylation of Heteroarenes Inspired by Radical SAM Methyl Transferase. <i>Journal of the American Chemical Society</i> , 2014, 136, 4853-4856.	13.7	171
4	Strategic Redox Relay Enables A Scalable Synthesis of Ouabagenin, A Bioactive Cardenolide. <i>Science</i> , 2013, 339, 59-63.	12.6	158
5	Palladium(II)-Initiated Catellani-Type Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5832-5844.	13.8	153
6	Scalable, Divergent Synthesis of Meroterpenoids via â€œBorono-sclareolideâ€•. <i>Journal of the American Chemical Society</i> , 2012, 134, 8432-8435.	13.7	121
7	Development of a Concise Synthesis of Ouabagenin and Hydroxylated Corticosteroid Analogues. <i>Journal of the American Chemical Society</i> , 2015, 137, 1330-1340.	13.7	105
8	Bioconjugation by Native Chemical Tagging of Câ€“H Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 12994-12997.	13.7	100
9	Construction of axial chirality via palladium/chiral norbornene cooperative catalysis. <i>Nature Catalysis</i> , 2020, 3, 727-733.	34.4	93
10	Epoxides as Alkylating Reagents for the Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3444-3448.	13.8	85
11	Metal-catalyzed enyne cycloisomerization in natural product total synthesis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2256-2275.	4.5	82
12	The Liebeskindâ€“Srogl Cross-Coupling Reaction and its Synthetic Applications. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 490-508.	2.7	80
13	Modular Dual-Tasked Câ€“H Methylation via the Catellani Strategy. <i>Journal of the American Chemical Society</i> , 2019, 141, 15986-15993.	13.7	77
14	Palladium/Norbornene Cooperative Catalysis To Access Tetrahydronaphthalenes and Indanes with a Quaternary Center. <i>ACS Catalysis</i> , 2018, 8, 4783-4788.	11.2	70
15	Alkylating Reagents Employed in Catellani-Type Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 15461-15476.	3.3	70
16	The Discovery of a Palladium(II)-Initiated Borono-Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7161-7165.	13.8	67
17	Modular One-Step Three-Component Synthesis of Tetrahydroisoquinolines Using a Catellani Strategy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10980-10984.	13.8	60
18	An axial-to-axial chirality transfer strategy for atroposelective construction of Câ€“N axial chirality. <i>Chem</i> , 2021, 7, 1917-1932.	11.7	59

#	ARTICLE	IF	CITATIONS
19	USP2a Supports Metastasis by Tuning TGF- $\beta$ 2 Signaling. <i>Cell Reports</i> , 2018, 22, 2442-2454.	6.4	49
20	Catalytic Synthesis of Atropisomeric <i>ortho</i> -Terphenyls with 1,2-Diaxes via Axial-to-Axial Diastereoselection. <i>Journal of the American Chemical Society</i> , 2021, 143, 7253-7260.	13.7	49
21	Convergent syntheses of 2,3-dihydrobenzofurans via a Catellani strategy. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2533-2536.	4.5	40
22	A biocatalytic hydroxylation-enabled unified approach to C19-hydroxylated steroids. <i>Nature Communications</i> , 2019, 10, 3378.	12.8	34
23	Palladium(II)-initiated Catellani-type Reactions. <i>Angewandte Chemie</i> , 2019, 131, 5890-5902.	2.0	31
24	Molecular Visions for Precisely Positioning Ligands near Catalytic Metal Centers in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 16182-16187.	13.7	29
25	Kinetic Resolution of Tertiary Benzyl Alcohols via Palladium/Chiral Norbornene Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12824-12828.	13.8	27
26	Redox-neutral <i>ortho</i> -C-H amination of pinacol arylborates via palladium(norbornene) catalysis for aniline synthesis. <i>Chemical Science</i> , 2019, 10, 8384-8389.	7.4	26
27	A palladium/norbornene cooperative catalysis to access N-containing bridged scaffolds. <i>Chemical Communications</i> , 2019, 55, 8816-8819.	4.1	24
28	C-H hetero-functionalization of arenes through palladacyclopentane-type intermediates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3883-3914.	4.5	24
29	Diversity-oriented functionalization of 2-pyridones and uracils. <i>Nature Communications</i> , 2021, 12, 2988.	12.8	22
30	A Concise Total Synthesis of (S)-Berkelic Acid. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5141-5146.	13.8	21
31	Epoxides as Alkylating Reagents for the Catellani Reaction. <i>Angewandte Chemie</i> , 2018, 130, 3502-3506.	2.0	20
32	Chemoselective Borono-Catellani Arylation for Unsymmetrical Biaryls Synthesis. <i>Organic Letters</i> , 2019, 21, 3323-3327.	4.6	20
33	5-Norbornene-2-carboxylic acid: Another catalytic mediator for Catellani-type reactions. <i>Tetrahedron</i> , 2019, 75, 1774-1780.	1.9	19
34	Modular One-Step Three-Component Synthesis of Tetrahydroisoquinolines Using a Catellani Strategy. <i>Angewandte Chemie</i> , 2018, 130, 11146-11150.	2.0	15
35	Three-Step Total Synthesis of Ramelteon via a Catellani Strategy. <i>ChemCatChem</i> , 2019, 11, 5762-5765.	3.7	15
36	Synthesis of Benzofused Dioxabicyclic Scaffolds via a Catellani Strategy. <i>Organic Letters</i> , 2019, 21, 8938-8942.	4.6	15

#	ARTICLE	IF	CITATIONS
37	Epoxides as Dual-Functionalized Alkylating Reagents in Catellani Reactions for the Assembly of Heterocycles. <i>Synlett</i> , 2020, 31, 829-837.	1.8	12
38	Rapid Access to Tetracyclic Core of Wortmannin via an Intramolecular Reductive Olefin Coupling Strategy. <i>Organic Letters</i> , 2020, 22, 6308-6312.	4.6	12
39	The Discovery of a Palladium(II)-Initiated Borono-Catellani Reaction. <i>Angewandte Chemie</i> , 2018, 130, 7279-7283.	2.0	11
40	Recent Advances in Catalytic Nonenzymatic Kinetic Resolution of Tertiary Alcohols. <i>Synthesis</i> , 2022, 54, 1721-1732.	2.3	9
41	<scp>Diversity-Oriented</scp> Synthesis of Flavones and Isoflavones via Palladium/Norbornene Cooperative Catalysis. <i>Chinese Journal of Chemistry</i> , 2022, 40, 675-680.	4.9	8
42	A Modular Approach for Diversity-Oriented Synthesis of 1,3-Trans-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C. <i>Angewandte Chemie - International Edition</i> , 0, , .	13.8	8
43	Kinetic Resolution of Tertiary Benzyl Alcohols via Palladium/Chiral Norbornene Cooperative Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 12934-12938.	2.0	7
44	Bridgehead-Modified NBEs: A Solution to ortho-Constraint in Catellani-type Reactions. <i>Chem</i> , 2018, 4, 1775-1777.	11.7	4
45	Eight-Step Asymmetric Synthesis of (â€“)â€”Berkelic Acid. <i>Synthesis</i> , 0, 0, .	2.3	4
46	A Concise Total Synthesis of (â€”)â€”Berkelic Acid. <i>Angewandte Chemie</i> , 2021, 133, 5201-5206.	2.0	3
47	Titelbild: Epoxides as Alkylating Reagents for the Catellani Reaction ( <i>Angew. Chem.</i> 13/2018). <i>Angewandte Chemie</i> , 2018, 130, 3321-3321.	2.0	0
48	Frontispiece: Alkylating Reagents Employed in Catellani-Type Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
49	Precise Functionalization of Remote C-H Bonds. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 727-728.	2.6	0
50	One-Step Synthesis of THIQ via a Catellani Strategy. <i>Trends in Chemistry</i> , 2021, 3, 248-249.	8.5	0
51	Pd/NBE/Chiral Amino Acid Cooperative Catalysis for Enantioselective Construction of All-Carbon Bridged Ring Systems. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 307.	1.3	0
52	A Modular Approach for Diversity-Oriented Synthesis of 1,3-Trans-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C. <i>Angewandte Chemie</i> , 0, , .	2.0	0