

Qianghui Zhou

List of Publications by Year in descending order

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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 | <sc>Diversity-Oriented</sc> Synthesis of Flavones and Isoflavones via Palladium/Norbornene Cooperative Catalysis. Chinese Journal of Chemistry, 2022, 40, 675-680. | 4.9 | 8 |
| 2 | Recent Advances in Catalytic Nonenzymatic Kinetic Resolution of Tertiary Alcohols. Synthesis, 2022, 54, 1721-1732. | 2.3 | 9 |
| 3 | Pd/NBE/Chiral Amino Acid Cooperative Catalysis for Enantioselective Construction of All-Carbon Bridged Ring Systems. Chinese Journal of Organic Chemistry, 2022, 42, 307. | 1.3 | 0 |
| 4 | A Concise Total Synthesis of (âˆ)â€Berkelic Acid. Angewandte Chemie, 2021, 133, 5201-5206. | 2.0 | 3 |
| 5 | A Concise Total Synthesis of (âˆ)â€Berkelic Acid. Angewandte Chemie - International Edition, 2021, 60, 5141-5146. | 13.8 | 21 |
| 6 | One-Step Synthesis of THIQ via a Catellani Strategy. Trends in Chemistry, 2021, 3, 248-249. | 8.5 | 0 |
| 7 | Câ€H hetero-functionalization of arenes through palladacyclopentane-type intermediates. Organic Chemistry Frontiers, 2021, 8, 3883-3914. | 4.5 | 24 |
| 8 | Catalytic Synthesis of Atropisomeric <i></i>-Terphenyls with 1,2-Diaxes via Axial-to-Axial Diastereoselection. Journal of the American Chemical Society, 2021, 143, 7253-7260. | 13.7 | 49 |
| 9 | Kinetic Resolution of Tertiary Benzyl Alcohols via Palladium/Chiral Norbornene Cooperative Catalysis. Angewandte Chemie - International Edition, 2021, 60, 12824-12828. | 13.8 | 27 |
| 10 | Diversity-oriented functionalization of 2-pyridones and uracils. Nature Communications, 2021, 12, 2988. | 12.8 | 22 |
| 11 | Kinetic Resolution of Tertiary Benzyl Alcohols via Palladium/Chiral Norbornene Cooperative Catalysis. Angewandte Chemie, 2021, 133, 12934-12938. | 2.0 | 7 |
| 12 | An axial-to-axial chirality transfer strategy for atroposelective construction of Câ€N axial chirality. Chem, 2021, 7, 1917-1932. | 11.7 | 59 |
| 13 | Epoxides as Dual-Functionalized Alkylating Reagents in Catellani Reactions for the Assembly of Heterocycles. Synlett, 2020, 31, 829-837. | 1.8 | 12 |
| 14 | Construction of axial chirality via palladium/chiral norbornene cooperative catalysis. Nature Catalysis, 2020, 3, 727-733. | 34.4 | 93 |
| 15 | Rapid Access to Tetracyclic Core of Wortmannin via an Intramolecular Reductive Olefin Coupling Strategy. Organic Letters, 2020, 22, 6308-6312. | 4.6 | 12 |
| 16 | Molecular Visers for Precisely Positioning Ligands near Catalytic Metal Centers in Metalâ€Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 16182-16187. | 13.7 | 29 |
| 17 | Precise Functionalization of Remote C-H Bonds. Chemical Research in Chinese Universities, 2020, 36, 727-728. | 2.6 | 0 |
| 18 | Three-Step Total Synthesis of Ramelteon via a Catellani Strategy. ChemCatChem, 2019, 11, 5762-5765. | 3.7 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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 |
| 20 | A biocatalytic hydroxylation-enabled unified approach to C19-hydroxylated steroids. <i>Nature Communications</i> , 2019, 10, 3378. | 12.8 | 34 |
| 21 | Synthesis of Benzofused Dioxabicycle Scaffolds via a Catellani Strategy. <i>Organic Letters</i> , 2019, 21, 8938-8942. | 4.6 | 15 |
| 22 | Modular Dual-Tasked C-H Methylation via the Catellani Strategy. <i>Journal of the American Chemical Society</i> , 2019, 141, 15986-15993. | 13.7 | 77 |
| 23 | 5-Norbornene-2-carboxylic acid: Another catalytic mediator for Catellani-type reactions. <i>Tetrahedron</i> , 2019, 75, 1774-1780. | 1.9 | 19 |
| 24 | A palladium/norbornene cooperative catalysis to access N-containing bridged scaffolds. <i>Chemical Communications</i> , 2019, 55, 8816-8819. | 4.1 | 24 |
| 25 | Chemoselective Borono-Catellani Arylation for Unsymmetrical Biaryls Synthesis. <i>Organic Letters</i> , 2019, 21, 3323-3327. | 4.6 | 20 |
| 26 | Palladium(II)-Initiated Catellani-Type Reactions. <i>Angewandte Chemie</i> , 2019, 131, 5890-5902. | 2.0 | 31 |
| 27 | Palladium(II)-Initiated Catellani-Type Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5832-5844. | 13.8 | 153 |
| 28 | 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 |
| 29 | USP2a Supports Metastasis by Tuning TGF- β^2 Signaling. <i>Cell Reports</i> , 2018, 22, 2442-2454. | 6.4 | 49 |
| 30 | Palladium/Norbornene Cooperative Catalysis To Access Tetrahydronaphthalenes and Indanes with a Quaternary Center. <i>ACS Catalysis</i> , 2018, 8, 4783-4788. | 11.2 | 70 |
| 31 | Epoxides as Alkylating Reagents for the Catellani Reaction. <i>Angewandte Chemie</i> , 2018, 130, 3502-3506. | 2.0 | 20 |
| 32 | Epoxides as Alkylating Reagents for the Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3444-3448. | 13.8 | 85 |
| 33 | The Liebeskind-Srogl Cross-Coupling Reaction and its Synthetic Applications. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 490-508. | 2.7 | 80 |
| 34 | The Discovery of a Palladium(II)-Initiated Borono-Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7161-7165. | 13.8 | 67 |
| 35 | Frontispiece: Alkylating Reagents Employed in Catellani-Type Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, . | 3.3 | 0 |
| 36 | The Discovery of a Palladium(II)-Initiated Borono-Catellani Reaction. <i>Angewandte Chemie</i> , 2018, 130, 7279-7283. | 2.0 | 11 |

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|----|---|------|-----------|
| 37 | Convergent syntheses of 2,3-dihydrobenzofurans <i>via</i> a Catellani strategy. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2533-2536. | 4.5 | 40 |
| 38 | 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 |
| 39 | Modular One-Step Three-Component Synthesis of Tetrahydroisoquinolines Using a Catellani Strategy. <i>Angewandte Chemie</i> , 2018, 130, 11146-11150. | 2.0 | 15 |
| 40 | Alkylating Reagents Employed in Catellani-type Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 15461-15476. | 3.3 | 70 |
| 41 | Bridgehead-Modified NBEs: A Solution to ortho-Constraint in Catellani-type Reactions. <i>CheM</i> , 2018, 4, 1775-1777. | 11.7 | 4 |
| 42 | Metal-catalyzed enyne cycloisomerization in natural product total synthesis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2256-2275. | 4.5 | 82 |
| 43 | 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 |
| 44 | C-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 |
| 45 | Bioconjugation by Native Chemical Tagging of C-H Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 12994-12997. | 13.7 | 100 |
| 46 | Strategic Redox Relay Enables A Scalable Synthesis of Ouabagenin, A Bioactive Cardenolide. <i>Science</i> , 2013, 339, 59-63. | 12.6 | 158 |
| 47 | Direct Synthesis of Fluorinated Heteroarylether Bioisosteres. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3949-3952. | 13.8 | 218 |
| 48 | Scalable, Divergent Synthesis of Meroterpenoids via α -Borono-sclareolide. <i>Journal of the American Chemical Society</i> , 2012, 134, 8432-8435. | 13.7 | 121 |
| 49 | Asymmetric, Protecting-Group-Free Total Synthesis of ($\hat{\sim}$)-Englerin...A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3513-3516. | 13.8 | 184 |
| 50 | Eight-Step Asymmetric Synthesis of ($\hat{\sim}$)-Berkelic Acid. <i>Synthesis</i> , 0, 0, . | 2.3 | 4 |
| 51 | A Modular Approach for Diversity-Oriented Synthesis of 1,3-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 0 |
| 52 | A Modular Approach for Diversity-Oriented Synthesis of 1,3-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C. <i>Angewandte Chemie - International Edition</i> , 0, , . | 13.8 | 8 |