

# Guigen Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6851365/publications.pdf>

Version: 2024-02-01

215  
papers

9,877  
citations

28274

55  
h-index

56724

83  
g-index

231  
all docs

231  
docs citations

231  
times ranked

6253  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Multicomponent Reactions for the Synthesis of Heterocycles. Chemistry - an Asian Journal, 2010, 5, 2318-2335.   | 3.3  | 392       |
| 2  | Design of peptides, proteins, and peptidomimetics in chi space. , 1997, 43, 219-266.  |      | 319       |
| 3  | Four-Component Domino Reaction Leading to Multifunctionalized Quinazolines. Journal of the American Chemical Society, 2009, 131, 11660-11661.   | 13.7 | 234       |
| 4  | Cobalt-catalysed site-selective intra- and intermolecular dehydrogenative amination of unactivated sp <sup>3</sup> carbons. Nature Communications, 2015, 6, 6462.   | 12.8 | 229       |
| 5  | Catalytic Dual 1,1-H-Abstraction/Insertion for Domino Spirocyclizations. Journal of the American Chemical Society, 2015, 137, 8928-8931.  | 13.7 | 196       |
| 6  | Merging [2+2] Cycloaddition with Radical 1,4-Addition: Metal-Free Access to Functionalized Cyclobutane-naphthaleneols. Angewandte Chemie - International Edition, 2017, 56, 15570-15574.                          | 13.8 | 190       |
| 7  | Recent advances in radical transformations of internal alkynes. Chemical Communications, 2018, 54, 10791-10811.   | 4.1  | 178       |
| 8  | Catalytic C-H Arylation of Aliphatic Aldehydes Enabled by a Transient Ligand. Journal of the American Chemical Society, 2016, 138, 12775-12778.   | 13.7 | 177       |
| 9  | Recent Development of Regio- and Stereoselective Aminohalogenation Reaction of Alkenes. European Journal of Organic Chemistry, 2007, 2007, 2745-2758.   | 2.4  | 173       |
| 10 | A Novel Electrophilic Diamination Reaction of Alkenes. Angewandte Chemie - International Edition, 2001, 40, 4277-4280.  | 13.8 | 166       |
| 11 | Building Congested Ketone: Substituted Hantzsch Ester and Nitrile as Alkylation Reagents in Photoredox Catalysis. Journal of the American Chemical Society, 2016, 138, 12312-12315.                               | 13.7 | 159       |
| 12 | Catalytic arylsulfonyl radical-triggered 1,5-enyne-bicyclizations and hydrosulfonylation of $\alpha,\beta$ -conjugates. Chemical Science, 2015, 6, 6654-6658.   | 7.4  | 145       |
| 13 | New multicomponent domino reactions (MDRs) in water: highly chemo-, regio- and stereoselective synthesis of spiro[[1,3]dioxanopyridine]-4,6-diones and pyrazolo[3,4-b]pyridines. Green Chemistry, 2010, 12, 1357. | 9.0  | 143       |
| 14 | Molecular Design of Fused-Ring Phenazine Derivatives for Long-Cycling Alkaline Redox Flow Batteries. ACS Energy Letters, 2020, 5, 411-417.  | 17.4 | 136       |
| 15 | A new cascade halosulfonylation of 1,7-enynes toward 3,4-dihydroquinolin-2(1H)-ones via sulfonyl radical-triggered addition/6-exo-dig cyclization. Chemical Communications, 2016, 52, 1907-1910.                  | 4.1  | 121       |
| 16 | Electrochemical Aziridination by Alkene Activation Using a Sulfamate as the Nitrogen Source. Angewandte Chemie - International Edition, 2018, 57, 5695-5698.  | 13.8 | 116       |
| 17 | Catalytic Arylsulfonyl Radical Triggered 1,7-Enyne Bicyclizations. Organic Letters, 2015, 17, 6078-6081.  | 4.6  | 110       |
| 18 | Functionalization of graphene sheets through fullerene attachment. Journal of Materials Chemistry, 2011, 21, 5386.  | 6.7  | 104       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | High-Performance Alkaline Organic Redox Flow Batteries Based on 2-Hydroxy-3-carboxy-1,4-naphthoquinone. <i>ACS Energy Letters</i> , 2018, 3, 2404-2409.  | 17.4 | 104       |
| 20 | Electrochemical Arylation of Aldehydes, Ketones, and Alcohols: from Cathodic Reduction to Convergent Paired Electrolysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7275-7282.  | 13.8 | 100       |
| 21 | Chemical-Free Electrochemical Deuteration Reaction using Deuterium Oxide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13962-13967.  | 13.8 | 99        |
| 22 | Transition Metal-Catalyzed Regioselective and Stereoselective Aminochlorination of Cinnamic Esters. <i>Organic Letters</i> , 1999, 1, 395-398.   | 4.6  | 93        |
| 23 | Ag/Brønsted Acid Co-Catalyzed Spiroketalization of $\beta$ -Alkynyl Ketones toward Spiro[chromane-2,1'-isochromene] Derivatives. <i>Organic Letters</i> , 2017, 19, 3831-3834.   | 4.6  | 93        |
| 24 | New CC Bond Formation via Nonstoichiometric Titanium(IV) Halide Mediated Vicinal Difunctionalization of $\alpha,\beta$ -Unsaturated Acyclic Ketones. <i>Organic Letters</i> , 2000, 2, 617-620.  | 4.6  | 91        |
| 25 | N-Phosphonyl/phosphinyl imines and group-assisted purification (GAP) chemistry/technology. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1600-1617.  | 2.8  | 90        |
| 26 | Copper-Catalyzed Aminohalogenation Using the 2-NsNCl <sub>2</sub> /2-NsNHNa Combination as the Nitrogen and Halogen Sources for the Synthesis of anti-Alkyl 3-Chloro-2-(o-nitrobenzenesulfonamido)-3-arylpropionates. <i>Organic Letters</i> , 2000, 2, 2249-2252. | 4.6  | 88        |
| 27 | Electrochemical Hydrogenation with Gaseous Ammonia. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1759-1763.  | 13.8 | 87        |
| 28 | Metal-Free Preparation of Cycloalkyl Aryl Sulfides via Di-tert-butyl Peroxide-Promoted Oxidative C(sp <sup>3</sup> ) <sub>2</sub> -H Bond Thiolation of Cycloalkanes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2719-2724.                              | 4.3  | 81        |
| 29 | Rhodium-Catalyzed Selective Mono- and Diamination of Arenes with Single Directing Site "On Water". <i>Organic Letters</i> , 2016, 18, 1386-1389.   | 4.6  | 80        |
| 30 | Anthracene-Triphenylamine-Based Platinum(II) Metallacages as Synthetic Light-Harvesting Assembly. <i>Journal of the American Chemical Society</i> , 2021, 143, 2908-2919.  | 13.7 | 76        |
| 31 | [4+2+1] Domino cyclization in water for chemo- and regioselective synthesis of spiro-substituted benzo[b]furo[3,4-e][1,4]diazepine derivatives. <i>Green Chemistry</i> , 2011, 13, 2107.   | 9.0  | 72        |
| 32 | Silver-Mediated Radical C(sp <sup>3</sup> ) <sub>2</sub> -H Biphosphinylation and Nitration of $\beta$ -Alkynyl Ketones for Accessing Functional Isochromenes. <i>Organic Letters</i> , 2017, 19, 754-757.   | 4.6  | 72        |
| 33 | Ligand-Controlled Direct $\beta$ -H Arylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3078-3082.  | 13.8 | 72        |
| 34 | Asymmetric catalytic Strecker reaction of N-phosphonyl imines with Et <sub>2</sub> AlCN using amino alcohols and BINOLs as catalysts. <i>Chemical Communications</i> , 2010, 46, 4330.   | 4.1  | 71        |
| 35 | Synthesis of Allenyl Sulfones via a TBHP/TBAI-Mediated Reaction of Propargyl Alcohols with Sulfonyl Hydrazides. <i>Journal of Organic Chemistry</i> , 2015, 80, 9224-9230.   | 3.2  | 71        |
| 36 | Metal-Free Radical Haloazidation of Benzene-Tethered 1,7-Enynes Leading to Polyfunctionalized 3,4-Dihydroquinolin-2(1H)-ones. <i>Journal of Organic Chemistry</i> , 2016, 81, 1099-1105.   | 3.2  | 71        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Cobalt-Catalyzed Decarboxylative 2-Benzoylation of Oxazoles and Thiazoles with $\alpha$ -Oxocarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2015, 80, 11065-11072.  | 3.2  | 70        |
| 38 | Novel Asymmetric C <sup>α</sup> -C Bond Formation Process Promoted by Et <sub>2</sub> AlCl and Its Application to the Stereoselective Synthesis of Unusual $\beta$ -Branched Baylis-Hillman Adducts. <i>Journal of Organic Chemistry</i> , 1999, 64, 1061-1064. | 3.2  | 69        |
| 39 | Allylic Amination and $\alpha$ -Arylation-Based Domino Reactions Providing Rapid Three-Component Strategies to Fused Pyrroles with Different Substituted Patterns. <i>Journal of Organic Chemistry</i> , 2012, 77, 7497-7505.                                   | 3.2  | 69        |
| 40 | Cobalt-Catalyzed Cross-Dehydrogenative Coupling Reactions of (Benz)oxazoles with Ethers. <i>Journal of Organic Chemistry</i> , 2016, 81, 11743-11750.   | 3.2  | 68        |
| 41 | The Asymmetric Catalytic Aldol Reaction of Allenolates with Aldehydes Using N-Fluoroacyl Oxazaborolidine as the Catalyst. <i>Organic Letters</i> , 2001, 3, 823-826.  | 4.6  | 67        |
| 42 | Synthesis of 3-Iminoindol-2-amines and Cyclic Enaminones via Palladium-Catalyzed Isocyanide Insertion-Cyclization. <i>Journal of Organic Chemistry</i> , 2015, 80, 5764-5770.   | 3.2  | 67        |
| 43 | Catalytic Diazosulfonylation of Enynals toward Diazoindenes via Oxidative Radical-Triggered 5-exo-trig Carbocyclizations. <i>Organic Letters</i> , 2016, 18, 1884-1887.   | 4.6  | 66        |
| 44 | Asymmetric Catalytic $\alpha$ -Phosphonyl Imine Chemistry: The Use of Primary Free Amino Acids and Et <sub>2</sub> AlCN for Asymmetric Catalytic Strecker Reaction. <i>Journal of Organic Chemistry</i> , 2010, 75, 5144-5150.                                  | 3.2  | 65        |
| 45 | Domino Constructions of Pentacyclic Indeno[2,1-c]quinolines and Pyrano[4,3-b]oxepines by [4+1]/[3+2+1]/[5+1] and [4+3] Multiple Cyclizations. <i>Chemistry - A European Journal</i> , 2012, 18, 9823-9826.  | 3.3  | 64        |
| 46 | Cobalt-Catalyzed Cross-Dehydrogenative Coupling Reaction between Unactivated C(sp <sup>2</sup> )-H and C(sp <sup>3</sup> )-H Bonds. <i>Organic Letters</i> , 2017, 19, 4676-4679.   | 4.6  | 64        |
| 47 | Four-Component Bicyclization Approaches to Skeletally Diverse Pyrazolo[3,4-b]pyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 11110-11118.   | 3.2  | 63        |
| 48 | Domino Reaction of Arylglyoxals with Pyrazol-5-amines: Selective Access to Pyrazolo-Fused 1,7-Naphthyridines, 1,3-Diazocanes, and Pyrroles. <i>Journal of Organic Chemistry</i> , 2014, 79, 5258-5268.  | 3.2  | 61        |
| 49 | Electrochemical Sulfonylation/Heteroarylation of Alkenes via Distal Heteroaryl $\alpha$ -Migration. <i>Organic Letters</i> , 2018, 20, 7784-7789.   | 4.6  | 61        |
| 50 | Hantzsch Ester as a Photosensitizer for the Visible-Light-Induced Debromination of Vicinal Dibromo Compounds. <i>Chemistry - A European Journal</i> , 2016, 22, 9546-9550.  | 3.3  | 60        |
| 51 | Practical Singly and Doubly Electrophilic Aminating Agents: A New, More Sustainable Platform for Carbon-Nitrogen Bond Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11184-11196.  | 13.7 | 60        |
| 52 | Regio- and Stereoselective Copper-Catalyzed Synthesis of Vicinal Haloamino Ketones from $\alpha,\beta$ -Unsaturated Ketones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3097-3101.  | 2.4  | 59        |
| 53 | Gold(I)-Catalyzed Desymmetrization of 1,4-Dienes by an Enantioselective Tandem Alkoxylation/Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8529-8532.  | 13.8 | 58        |
| 54 | Cobalt(II)-Catalyzed Stereoselective Olefin Isomerization: Facile Access to Acyclic Trisubstituted Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 8910-8917.   | 13.7 | 58        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Sulfonyl radical-enabled 6-endo-trig cyclization for regiospecific synthesis of unsymmetrical diaryl sulfones. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1452-1456.  | 4.5  | 57        |
| 56 | CuCl-Catalyzed Regio- and Stereoselective Aminohalogenation of $\hat{1},\hat{2}$ -Unsaturated Nitriles. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1332-1337.                                    | 2.4  | 56        |
| 57 | Asymmetric Organocatalytic Tandem Cyclization/Transfer Hydrogenation: A Synthetic Strategy for Enantioenriched Nitrogen Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3715-3726.            | 4.3  | 54        |
| 58 | Four-component strategy for selective synthesis of azepino[5,4,3-cd]indoles and pyrazolo[3,4-b]pyridines. <i>Chemical Communications</i> , 2014, 50, 6108-6111.  | 4.1  | 54        |
| 59 | Difluoroalkylation/C-H Annulation Cascade Reaction Induced by Visible-Light Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 9992-10001.  | 3.2  | 54        |
| 60 | Unexpected isocyanide-based three-component bicyclization for the stereoselective synthesis of densely functionalized pyrano[3,4-c]pyrroles. <i>Chemical Communications</i> , 2016, 52, 900-903.                 | 4.1  | 54        |
| 61 | Photoredox- or Metal-Catalyzed in Situ SO <sub>2</sub> -Capture Reactions: Synthesis of $\hat{2}$ -Ketosulfones and Allylsulfones. <i>Organic Letters</i> , 2019, 21, 1216-1220.                                 | 4.6  | 54        |
| 62 | Synthesis of Diastereoenriched Oxazolo[5,4-b]indoles via Catalyst-Free Multicomponent Bicyclizations. <i>Journal of Organic Chemistry</i> , 2017, 82, 3605-3611.   | 3.2  | 52        |
| 63 | The GAP chemistry for chiral N-phosphonyl imine-based Strecker reaction. <i>Green Chemistry</i> , 2011, 13, 1288.  | 9.0  | 51        |
| 64 | $\hat{1},\hat{2}$ -Differentiated tandem diamination of cinnamic esters using N,N-dichloro-2-nitrobenzenesulfonamide and acetonitrile as the nitrogen sources. <i>Tetrahedron Letters</i> , 2000, 41, 8699-8703. | 1.4  | 49        |
| 65 | Copper-promoted site-selective carbonylation of sp <sup>3</sup> and sp <sup>2</sup> C-H bonds with nitromethane. <i>Chemical Science</i> , 2016, 7, 5260-5264.   | 7.4  | 48        |
| 66 | Radical-Enabled Bicyclization Cascades of Oxygen-Tethered 1,7-Enynes Leading to Skeletally Diverse Polycyclic Chromenones. <i>Chinese Journal of Chemistry</i> , 2017, 35, 323-334.                              | 4.9  | 48        |
| 67 | Solution-phase-peptide synthesis via the group-assisted purification (GAP) chemistry without using chromatography and recrystallization. <i>Chemical Communications</i> , 2014, 50, 1259-1261.                   | 4.1  | 46        |
| 68 | Synergistic Rhodium/Copper Catalysis: Synthesis of 1,3-Enynes and <i>N</i> -Aryl Enaminones. <i>Organic Letters</i> , 2016, 18, 1298-1301.   | 4.6  | 46        |
| 69 | Enhanced energy density and wide potential window for K incorporated MnO <sub>2</sub> @carbon cloth supercapacitor. <i>Chemical Engineering Journal</i> , 2021, 415, 128967.                                     | 12.7 | 46        |
| 70 | Thiyl-Radical-Catalyzed Photoreductive Hydrodifluoroacetamidation of Alkenes with Hantzsch Ester as a Multifunctional Reagent. <i>ACS Catalysis</i> , 2016, 6, 7471-7474.  | 11.2 | 45        |
| 71 | Synergistic silver/scandium catalysis for divergent synthesis of skeletally diverse chromene derivatives. <i>Chemical Communications</i> , 2017, 53, 10692-10695.  | 4.1  | 44        |
| 72 | Synthesis of Functionalized Benzo[g]indoles and 1-Naphthols via Carbon-Carbon Triple Bond Breaking/Rearranging. <i>Organic Letters</i> , 2017, 19, 6682-6685.  | 4.6  | 44        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Chiral <i>N</i> -Phosphonyl Imine Chemistry: Asymmetric Aza-Henry Reaction. <i>Chemical Biology and Drug Design</i> , 2008, 71, 216-223.   | 3.2  | 43        |
| 74 | Radical Deaminative <i>ipso</i> -Cyclization of 4-Methoxyanilines with 1,7-Enynes for Accessing Spirocyclohexadienone-Containing Cyclopenta[ <i>c</i> ]quinolin-4-ones. <i>Journal of Organic Chemistry</i> , 2017, 82, 6621-6628.   | 3.2  | 43        |
| 75 | Thiazolium salt-catalyzed C-C triple bond cleavage for accessing substituted 1-naphthols via benzannulation. <i>Chemical Communications</i> , 2018, 54, 164-167.   | 4.1  | 43        |
| 76 | Electroreductive 4-Pyridylation of Electron-deficient Alkenes with Assistance of Ni(acac) <sub>2</sub> . <i>Organic Letters</i> , 2020, 22, 3570-3575.   | 4.6  | 43        |
| 77 | N-Atom Deletion in Nitrogen Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20678-20683.  | 13.8 | 43        |
| 78 | <i>N</i> -Phosphinyl Imine Chemistry (I): Design and Synthesis of Novel <i>N</i> -Phosphinyl Imines and their Application to Asymmetric aza-Henry Reaction. <i>Chemical Biology and Drug Design</i> , 2011, 77, 20-29.   | 3.2  | 42        |
| 79 | Cobalt-Catalyzed C(sp <sup>2</sup> ) <sup>H</sup> Methylation by using Dicumyl Peroxide as both the Methylating Reagent and Hydrogen Acceptor. <i>Chemistry - A European Journal</i> , 2016, 22, 12286-12289.  | 3.3  | 42        |
| 80 | Carboxylate-Assisted Iridium-Catalyzed C-H Amination of Arenes with Biologically Relevant Alkyl Azides. <i>Chemistry - A European Journal</i> , 2016, 22, 2920-2924.   | 3.3  | 42        |
| 81 | Visible-Light-Induced Intramolecular C(sp <sup>2</sup> ) <sup>H</sup> Amination and Aziridination of Azidoformates via a Triplet Nitrene Pathway. <i>Organic Letters</i> , 2018, 20, 4838-4842.  | 4.6  | 42        |
| 82 | Asymmetric Synthesis of $\beta$ -Amino-1,3-dithianes via Chiral <i>N</i> -Phosphonyl Imine-Based Umpolung Reaction Without Using Chromatography and Recrystallization. <i>Journal of Organic Chemistry</i> , 2011, 76, 2792-2797.  | 3.2  | 40        |
| 83 | Regio- and Stereoselective Synthesis of anti-1,3-Diaryl-3-chloro-2-( <i>o</i> -nitrophenylsulfonylamino)-3-propan-1-ones through Catalytic Aminohalogenation Reaction of $\beta,\beta$ -Unsaturated Ketones. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3112-3115. | 2.4  | 38        |
| 84 | Palladium-catalyzed site-selective arylation of aliphatic ketones enabled by a transient ligand. <i>Chemical Communications</i> , 2018, 54, 2759-2762.   | 4.1  | 38        |
| 85 | Group-Assisted Purification Chemistry for Asymmetric Mannich-type Reaction of Chiral <i>N</i> -Phosphonyl Imines with Azlactones Leading to Syntheses of $\beta$ -Quaternary $\beta,\beta$ -Diamino Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2018, 83, 644-655.     | 3.2  | 38        |
| 86 | Group-assisted purification (GAP) chemistry for the synthesis of Velcade via asymmetric borylation of <i>N</i> -phosphinylimines. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 746-751.   | 2.2  | 37        |
| 87 | GAP Peptide Synthesis through the Design of a GAP Protecting Group: An Fmoc- <i>t</i> -Bu Synthesis of Thymopentin Free from Polymers, Chromatography and Recrystallization. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1714-1719.                                 | 2.4  | 37        |
| 88 | Intermolecular C-H Quaternary Alkylation of Aniline Derivatives Induced by Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2016, 18, 4538-4541.   | 4.6  | 37        |
| 89 | Asymmetric Catalytic Enantio- and Diastereoselective Boron Conjugate Addition Reactions of $\beta$ -Functionalized $\beta,\beta$ -Unsaturated Carbonyl Substrates. <i>Organic Letters</i> , 2016, 18, 3926-3929.   | 4.6  | 37        |
| 90 | Catalytic Oxidative Carbene Coupling of $\beta$ -Diazo Carbonyls for the Synthesis of $\beta$ -Amino Ketones via C(sp <sup>3</sup> ) <sup>H</sup> Functionalization. <i>Organic Letters</i> , 2016, 18, 3078-3081.   | 4.6  | 37        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | The Combination of TsNH <sub>2</sub> and NCS as Nitrogen and Chlorine Sources for Direct Diamination of Enones. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3850-3854.                     | 2.4 | 36        |
| 92  | Double SO <sub>2</sub> Insertion into 1,7-Diynes Leading to Functionalized Naphtho[1,2-c]thiophene 2,2-dioxides. <i>ACS Omega</i> , 2018, 3, 1482-1491.   | 3.5 | 36        |
| 93  | Enantioselective assembly of multi-layer 3D chirality. <i>National Science Review</i> , 2020, 7, 588-599.   | 9.5 | 36        |
| 94  | Asymmetric Halo Aldol Reaction (AHA). <i>Organic Letters</i> , 2003, 5, 329-331.  | 4.6 | 35        |
| 95  | Chiral N-Phosphonyl Imine Chemistry: Asymmetric Additions of Ester Enolates for the Synthesis of $\beta^2$ -Amino Acids. <i>Chemical Biology and Drug Design</i> , 2008, 72, 120-126.                     | 3.2 | 35        |
| 96  | Chiral N-Phosphonylimine Chemistry: Asymmetric Synthesis of N-Phosphonyl $\beta^2$ -Amino Weinreb Amides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 912-916.                             | 2.4 | 35        |
| 97  | Design, Synthesis, and Applications of Chiral N-2-Phenyl-2-propyl Sulfinyl Imines for Group-Assisted Purification (GAP) Asymmetric Synthesis. <i>Journal of Organic Chemistry</i> , 2013, 78, 4006-4012.  | 3.2 | 35        |
| 98  | Cesium Carboxylate-Promoted Iridium Catalyzed C-H Amidation/Cyclization with 2,2,2-Trichloroethoxycarbonyl Azide. <i>Journal of Organic Chemistry</i> , 2016, 81, 4898-4905.                              | 3.2 | 35        |
| 99  | Electrochemical Aziridination by Alkene Activation Using a Sulfamate as the Nitrogen Source. <i>Angewandte Chemie</i> , 2018, 130, 5797-5800.   | 2.0 | 35        |
| 100 | Photoredox-Catalyzed Halo-trifluoromethylation of 1,7-Enynes for Synthesis of 3,4-Dihydroquinolin-2(1H)-ones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1835-1845.                             | 4.3 | 35        |
| 101 | $\text{I}^{2+}/\text{O}^{2-}$ -Enabled N-S Bond Formation to Access Functionalized 1,2,3-Thiadiazoles. <i>Organic Letters</i> , 2016, 18, 1258-1261.  | 4.6 | 34        |
| 102 | Visible-light-promoted intramolecular C-H amination in aqueous solution: synthesis of carbazoles. <i>Green Chemistry</i> , 2018, 20, 1362-1366.   | 9.0 | 34        |
| 103 | Rh(III)-Catalyzed [3 + 3] Annulation Reaction of Cyclopropenones and Sulfoxonium Ylides toward Trisubstituted 2-Pyrones. <i>Journal of Organic Chemistry</i> , 2020, 85, 360-366.                         | 3.2 | 34        |
| 104 | Copper(I)-Catalyzed Multicomponent Reaction Providing a New Access to Fully Substituted Thiophene Derivatives. <i>Organic Letters</i> , 2014, 16, 3656-3659.  | 4.6 | 33        |
| 105 | Cobalt-Catalyzed Decarboxylative C-H (Hetero)Arylation for the Synthesis of Arylheteroarenes and Unsymmetrical Biheteroaryls. <i>Organic Letters</i> , 2017, 19, 5589-5592.                               | 4.6 | 33        |
| 106 | Metal-Free Radical-Triggered Selenosulfonation of 1,7-Enynes for the Rapid Synthesis of 3,4-Dihydroquinolin-2(1H)-ones in Batch and Flow. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4332-4339. | 4.3 | 32        |
| 107 | Catalytic Double [2 + 2] Cycloaddition Relay Enabled C-C Triple Bond Cleavage of Yne-Allenones. <i>Organic Letters</i> , 2018, 20, 4362-4366.   | 4.6 | 32        |
| 108 | Hydrophosphonodifluoromethylation of Alkenes via Thiyl-Radical/Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 578-587.   | 3.2 | 31        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Application of Hantzsch Ester and Meyer Nitrile in Radical Alkynylation Reactions. <i>Organic Letters</i> , 2018, 20, 6906-6909.  | 4.6 | 31        |
| 110 | Chiral <i>N</i> -Phosphonyl Imines for an Aza-Morita-Baylis-Hillman Reaction via Group-Assisted Purification (GAP) Chemistry. <i>Journal of Organic Chemistry</i> , 2016, 81, 2488-2493.  | 3.2 | 30        |
| 111 | Electrochemical Hydrogenation with Gaseous Ammonia. <i>Angewandte Chemie</i> , 2019, 131, 1773-1777.  | 2.0 | 30        |
| 112 | Ionic Liquid, 1- <i>n</i> -Butyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide, Resulted in the First Catalyst-Free Aminohalogenation of Electron-Deficient Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 319-322. | 4.3 | 29        |
| 113 | Chiral <i>N</i> -Phosphonyl Imine Chemistry: Asymmetric Synthesis of $\alpha$ -Alkyl $\beta$ -Amino Ketones by Reacting Phosphonyl Imines with Ketone-Derived Enolates. <i>Chemical Biology and Drug Design</i> , 2009, 73, 203-208.        | 3.2 | 28        |
| 114 | Synthesis of Tribenzo[ <i>b</i> , <i>e</i> , <i>g</i> ]phosphindole Oxides via Radical Bicyclization Cascades of <i>o</i> -Arylalkynylanilines. <i>Organic Letters</i> , 2017, 19, 4512-4515.   | 4.6 | 28        |
| 115 | Topographical Amino Acid Substitution in Position 10 of Glucagon Leads to Antagonists/Partial Agonists with Greater Binding Differences. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 2449-2455.                                       | 6.4 | 27        |
| 116 | Catalytic Sulfur-Enabled Dehydrobicyclization of 1,6-Enynes toward Arylated Indeno[1,2- <i>c</i> ]thiophenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 4762-4770.  | 3.2 | 27        |
| 117 | Tunable Dimerization and Trimerization of $\beta$ -Alkynyl Ketones via Silver Catalysis for Accessing Spiro and Dispiro Compounds Containing 1- <i>H</i> -isochromene. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3186-3193.      | 4.3 | 27        |
| 118 | Synthesis of Functionalized Chromene and Chroman Derivatives via Cesium Carbonate Promoted Formal [4 + 2] Annulation of $\alpha$ -Hydroxychalcones with Allenates. <i>Journal of Organic Chemistry</i> , 2018, 83, 15372-15379.             | 3.2 | 27        |
| 119 | Redox-Neutral P(O)-N Coupling between P(O)-H Compounds and Azides via Dual Copper and Photoredox Catalysis. <i>Organic Letters</i> , 2020, 22, 6143-6149.   | 4.6 | 27        |
| 120 | Multi-layer 3D chirality: new synthesis, AIE and computational studies. <i>Science China Chemistry</i> , 2020, 63, 692-698.   | 8.2 | 27        |
| 121 | Asymmetric boron conjugate addition to $\alpha,\beta$ -unsaturated carbonyl compounds catalyzed by CuOTf/Josiphos under non-alkaline conditions. <i>Organic Chemistry Frontiers</i> , 2015, 2, 42-46.                                       | 4.5 | 26        |
| 122 | Asymmetric Carbamoyl Anion Additions to Chiral <i>N</i> -Phosphonyl Imines via the GAP Chemistry Process and Stereoselectivity Enrichments. <i>Journal of Organic Chemistry</i> , 2015, 80, 447-452.  | 3.2 | 26        |
| 123 | Asymmetric [3 + 2] Cycloaddition of Chiral <i>N</i> -Phosphonyl Imines with Methyl Isocynoacetate for Accessing 2-Imidazolines with Switchable Stereoselectivity. <i>Journal of Organic Chemistry</i> , 2017, 82, 2992-2999.                | 3.2 | 26        |
| 124 | Iridium-Catalyzed Unreactive C(sp <sup>3</sup> )-H Amination with 2,2,2-Trichloroethoxycarbonyl Azide. <i>Organic Letters</i> , 2018, 20, 6260-6264.  | 4.6 | 25        |
| 125 | The First Enantioselective Halo Aldol Reaction of Ethyl Propiolate and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3330-3335.   | 2.4 | 24        |
| 126 | Synthesis of enamines and their difluoroboron complexes through domino aryl migration. <i>Chemical Communications</i> , 2015, 51, 1267-1270.  | 4.1 | 24        |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 127 | Design, biological evaluation and 3D QSAR studies of novel dioxin-containing triaryl pyrazoline derivatives as potential B-Raf inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3052-3061.                                  | 3.0  | 24        |
| 128 | Ytterbium(III) triflate-catalyzed asymmetric nucleophilic addition of functionalized lithium ( $\hat{\pm}$ -carbalkoxyvinyl)cuprates to chiral p-toluenesulfinimines (thiooxime S-oxides). <i>Tetrahedron Letters</i> , 1999, 40, 4611-4614. | 1.4  | 23        |
| 129 | A Polymer-Supported Phosphoramidate as a Lewis-Base Catalyst for the Catalytic Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2988-2990.   | 2.4  | 23        |
| 130 | DDQ-Mediated Three-Component Dioxygenation of Alkenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 9350-9355.  | 3.2  | 23        |
| 131 | Thermal Rearrangement of Sulfamoyl Azides: Reactivity and Mechanistic Study. <i>Journal of Organic Chemistry</i> , 2017, 82, 4677-4688.  | 3.2  | 23        |
| 132 | $\hat{\pm}$ -Sulfonyl Bisimidazoline Ligands and Their Applications in Pd(II)-Catalyzed Asymmetric Addition toward $\hat{\pm}$ -Tertiary Amines. <i>Organic Letters</i> , 2018, 20, 6616-6621.   | 4.6  | 23        |
| 133 | Copper and cobalt co-catalyzed aerobic oxidative cross-dehydrogenative coupling reaction of (benzo)azoles. <i>Green Chemistry</i> , 2019, 21, 5797-5802.   | 9.0  | 23        |
| 134 | Multilayer $\hat{\pm}$ Chirality and Its Synthetic Assembly. <i>Research</i> , 2019, 2019, 6717104.  | 5.7  | 23        |
| 135 | Highly Efficient Deprotection of N-p-Toluenesulfinyl Group of $\hat{\pm}$ -Branched Baylis-Hillman Adducts by Using Amberlite IR-120 (Plus) Ion-Exchange Resin. <i>Tetrahedron</i> , 2000, 56, 719-723.                                      | 1.9  | 22        |
| 136 | Chiral N-phosphoryl imines: design, synthesis and direct asymmetric addition reactions with diketones and diesters. <i>Tetrahedron Letters</i> , 2010, 51, 4403-4407.  | 1.4  | 22        |
| 137 | Base-Promoted [4 + 1]/[3 + 1 + 1] Bicyclization for Accessing Functionalized Indeno[1,2- $\hat{\pm}$ ]furans. <i>Journal of Organic Chemistry</i> , 2016, 81, 11276-11281.   | 3.2  | 22        |
| 138 | High-Valent Palladium-Promoted Formal Wagner-Meerwein Rearrangement. <i>Organic Letters</i> , 2016, 18, 5804-5807.   | 4.6  | 22        |
| 139 | A Mild Procedure for the Stereospecific Transformation of $\hat{\pm}$ -Cinnamic Acid Derivatives to $\hat{\pm}$ -Bromostyrenes. <i>Synthetic Communications</i> , 1999, 29, 4179-4185.   | 2.1  | 21        |
| 140 | Palladium-Catalyzed C3 Acylation of Benzofurans and Benzothiophenes with Aromatic Aldehydes by Cross-Dehydrogenative Coupling Reactions. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 1044-1047.                                     | 2.7  | 21        |
| 141 | Cascade bicyclizations of o-alkynyl aldehydes with thiazolium salts: a new access toward poly-functionalized indeno[2,1-b]pyrroles. <i>Chemical Communications</i> , 2015, 51, 13012-13015.  | 4.1  | 21        |
| 142 | Photocatalytic radical defluoroalkylation of unactivated alkenes via distal heteroaryl ipso-migration. <i>Communications Chemistry</i> , 2020, 3, .  | 4.5  | 21        |
| 143 | Catalytic Decarboxylative $\hat{\pm}$ -N Formation to Generate Alkyl, Alkenyl, and Aryl Amines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1845-1852.  | 13.8 | 21        |
| 144 | Synthesis of Substituted $\hat{\pm}$ -(Hydroxymethyl)- $\hat{\pm}$ -iodoacrylates via MgI <sub>2</sub> -Promoted Stereoselective Aldol Coupling. <i>Helvetica Chimica Acta</i> , 2004, 87, 2359-2363.  | 1.6  | 20        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 145 | Research Article: Asymmetric Hydrophosphylation of Chiral <i>N</i> -Phosphonyl Imines Provides an Efficient Approach to Chiral $\alpha$ -Amino Phosphonates. <i>Chemical Biology and Drug Design</i> , 2010, 76, 314-319.  | 3.2  | 20        |
| 146 | Base-Promoted Transannulation of Heterocyclic Enamines and 2,3-Epoxypropan-1-ones: Regio- and Stereoselective Synthesis of Fused Pyridines and Pyrroles. <i>Journal of Organic Chemistry</i> , 2015, 80, 2781-2789.  | 3.2  | 20        |
| 147 | Asymmetric Synthesis of Chiral $\alpha$ -Methyl- $\beta$ , $\gamma$ -diamino Acid Derivatives via Group-Assisted Purification Chemistry Using <i>N</i> -Phosphonyl Imines and a Ni(II)-Complexed Alanine Schiff Base. <i>Journal of Organic Chemistry</i> , 2016, 81, 7654-7661. | 3.2  | 20        |
| 148 | Chiral GAP catalysts of phosphonylated imidazolidinones and their applications in asymmetric Diels-Alder and Friedel-Crafts reactions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1718-1724.  | 2.8  | 20        |
| 149 | $\text{Cu}^{\text{II}}$ -Catalyzed sulfenylation of indoles and pyrroles using triethylammonium thiolates as sulfenylating agents. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1091-1102.  | 4.5  | 20        |
| 150 | Chemical-Free Electrochemical Deuteration Reaction using Deuterium Oxide. <i>Angewandte Chemie</i> , 2020, 132, 14066-14071.   | 2.0  | 20        |
| 151 | Alkaline soluble 1,3,5,7-tetrahydroxyanthraquinone with high reversibility as anolyte for aqueous redox flow battery. <i>Journal of Power Sources</i> , 2022, 524, 231001.   | 7.8  | 20        |
| 152 | Dual rhodium/copper catalysis: synthesis of benzo[b]fluorenes and 2-naphthalenylmethanones via de-diazotized cycloadditions. <i>Chemical Communications</i> , 2016, 52, 11943-11946.   | 4.1  | 19        |
| 153 | Iridium-Catalyzed Aryl C-H Sulfonamidation and Amide Formation Using a Bifunctional Nitrogen Source. <i>Organic Letters</i> , 2018, 20, 4828-4832.   | 4.6  | 19        |
| 154 | Synergistic combination of visible-light photo-catalytic electron and energy transfer facilitating multicomponent synthesis of $\beta$ -functionalized $\alpha,\alpha$ -diarylethylamines. <i>Chemical Communications</i> , 2019, 55, 6405-6408.                                 | 4.1  | 19        |
| 155 | Electrochemical Tri- and Difluoromethylation-Triggered Cyclization Accompanied by the Oxidative Cleavage of Indole Derivatives. <i>Chemistry - A European Journal</i> , 2021, 27, 6522-6528.   | 3.3  | 19        |
| 156 | A New Strategy for the Synthesis of Four Individual Isomers of $\beta$ -Methylphenylalanine. <i>Synthetic Communications</i> , 1995, 25, 57-61.  | 2.1  | 18        |
| 157 | Chiral <i>N</i> -phosphonyl imine chemistry: asymmetric additions of glycine enolate to diphenyl diamine-based phosphonyl imines. <i>Science China Chemistry</i> , 2010, 53, 125-129.  | 8.2  | 17        |
| 158 | Ligand-Controlled Direct $\alpha$ -C-H Arylation of Aldehydes. <i>Angewandte Chemie</i> , 2020, 132, 3102-3106.  | 2.0  | 17        |
| 159 | Electrochemical Arylation of Aldehydes, Ketones, and Alcohols: from Cathodic Reduction to Convergent Paired Electrolysis. <i>Angewandte Chemie</i> , 2021, 133, 7351-7358.   | 2.0  | 17        |
| 160 | Oxidative Catalytic Spiroketalization Leading to Diastereoselective Synthesis of Spiro[benzofuran-2,1-isochromene]s. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1182-1192.   | 4.3  | 16        |
| 161 | Asymmetric Catalytic Approach to Multilayer 3D Chirality. <i>Chemistry - A European Journal</i> , 2021, 27, 8013-8020.   | 3.3  | 16        |
| 162 | Metal-Ligand Ratio-Dependent Chemodivergent Asymmetric Synthesis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22892-22899.  | 13.8 | 16        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Facile synthesis of benzo[b]thiophenes via metal-free radical-triggered intramolecular C–S bond formation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6493-6499.  | 2.8 | 15        |
| 164 | Oxidative Cascade Reaction of <i>N</i> -Aryl-3-alkylideneazetidines and Carboxylic Acids: Access to Fused Pyridines. <i>Organic Letters</i> , 2018, 20, 3833-3837.   | 4.6 | 15        |
| 165 | Rh-Catalyzed Chemoselective [4 + 1] Cycloaddition Reaction toward Diverse 4-Methyleneprolines. <i>Journal of Organic Chemistry</i> , 2019, 84, 10877-10891.  | 3.2 | 15        |
| 166 | Design, synthesis and biological evaluation of 2-H pyrazole derivatives containing morpholine moieties as highly potent small molecule inhibitors of APC–Asef interaction. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 425-447.  | 5.5 | 15        |
| 167 | Iridium-Catalyzed C–H Amination/Cyclization for Medium to Large <i>N</i> -Heterocycle-Fused Dihydroquinazolinones. <i>Organic Letters</i> , 2019, 21, 3706-3710.   | 4.6 | 15        |
| 168 | Cobalt- and iron-catalyzed regiodivergent alkene hydrosilylations. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2174-2181.  | 4.5 | 15        |
| 169 | Catalytic Enantioselective Construction of 6- <i>Ring</i> -Junction All-Carbon Stereocenters and Mechanistic Insights. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1767-1776.  | 4.9 | 15        |
| 170 | Regioselective aminohalogenation of $\hat{I}^2$ -nitrostyrenes using NCS and NBS as nitrogen/halogen sources. <i>Science China Chemistry</i> , 2010, 53, 140-146.  | 8.2 | 14        |
| 171 | Asymmetric C–C Bond Formation between Chiral <i>N</i> -Phosphonyl Imines and a Nickel(II)-Complexed Glycine Schiff Base Provides Efficient Synthesis of $\hat{I}^{\pm}, \hat{I}^2$ - $\alpha$ -Diamino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4744-4747. | 2.4 | 14        |
| 172 | Metal-free benzannulation of 1,7-diyne towards unexpected 1-aryl-2-naphthaldehydes and their application in fused aza-heterocyclic synthesis. <i>Chemical Communications</i> , 2017, 53, 3369-3372.  | 4.1 | 14        |
| 173 | Z/E Selective Synthesis of $\hat{I}^2, \hat{I}^2$ -Disubstituted and (Z)- $\hat{I}^2$ -Monosubstituted Baylis-Hillman Adducts Via Anionic Additions of Vinylcuprates to Aldehydes. <i>Synthetic Communications</i> , 1999, 29, 2959-2966.  | 2.1 | 13        |
| 174 | Design, biological evaluation and 3D QSAR studies of novel dioxin-containing pyrazoline derivatives with thiourea skeleton as selective HER-2 inhibitors. <i>Scientific Reports</i> , 2016, 6, 27571.  | 3.3 | 13        |
| 175 | Cobalt-Catalyzed Secondary Alkylation of Arenes and Olefins with Alkyl Ethers through the Cleavage of C(sp <sup>2</sup> )–H and C(sp <sup>3</sup> )–O Bonds. <i>Journal of Organic Chemistry</i> , 2018, 83, 13402-13413.  | 3.2 | 13        |
| 176 | Copper-Catalyzed Annulation–Cyanotrifluoromethylation of 1,6-Enynes Toward 1-Indanones via a Radical Process. <i>Frontiers in Chemistry</i> , 2020, 8, 234.  | 3.6 | 13        |
| 177 | Z/ESTEREOSELECTIVE SYNTHESIS OF $\hat{I}^2$ -BROMO BAYLIS-HILLMAN KETONES VIA A ONE-POT THREE-COMPONENT X–C/C–C FORMATION REACTION. <i>Synthetic Communications</i> , 2002, 32, 1765-1773.   | 2.1 | 12        |
| 178 | The combination of benzamides/NCS as nitrogen/halogen sources for aminohalogenation of $\hat{I}^2$ -nitrostyrenes resulting in dichlorinated haloamides. <i>Science China Chemistry</i> , 2010, 53, 1946-1952.   | 8.2 | 12        |
| 179 | Asymmetric synthesis of homoallylic amines via 1,2-addition of Grignard reagent to aliphatic N-phosphonyl hemiaminal. <i>Tetrahedron Letters</i> , 2016, 57, 619-622.  | 1.4 | 12        |
| 180 | Na <sub>3</sub> PO <sub>4</sub> -catalyzed aminochlorination reaction of $\hat{I}^2$ -nitrostyrenes in water. <i>RSC Advances</i> , 2012, 2, 151-155.  | 3.6 | 11        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | A Lewis Acid Promoted Asymmetric Umpolung Reaction with Chiral N-Sulfinyl Imines as the Electrophiles. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1805-1809.  | 2.4 | 10        |
| 182 | Highly regioselective aminobromination of $\hat{1},\hat{2}$ -unsaturated nitro compounds with benzyl carbamate/N-bromosuccinimide as nitrogen/bromine source. <i>RSC Advances</i> , 2012, 2, 5565.                          | 3.6 | 10        |
| 183 | Iridium-Catalyzed C-H Amination of Weinreb Amides: A Facile Pathway toward Anilines and Quinazolin-2,4-diones. <i>Journal of Organic Chemistry</i> , 2020, 85, 13096-13107.   | 3.2 | 10        |
| 184 | Stereospecific Electrophilic Fluorocyclization of $\hat{1},\hat{2}$ -Unsaturated Amides with Selectfluor. <i>Organic Letters</i> , 2020, 22, 2651-2656.   | 4.6 | 10        |
| 185 | Synthesis of Diastereoenriched $\hat{1}$ -Aminomethyl Enaminones via a Brønsted Acid-Catalyzed Asymmetric Baylis-Hillman Reaction of Chiral N-Phosphonyl Imines. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1125-1131. | 3.3 | 10        |
| 186 | Triple-Columned and Multiple-Layered 3D Polymers: Design, Synthesis, Aggregation-Induced Emission (AIE), and Computational Study. <i>Research</i> , 2021, 2021, 3565791.  | 5.7 | 10        |
| 187 | Copper-Catalyzed Asymmetric Borylacylation of Styrene and Indene Derivatives. <i>Journal of Organic Chemistry</i> , 2021, 86, 4616-4624.  | 3.2 | 10        |
| 188 | Enantio- and Regioselective CuH-Catalyzed Conjugate Reduction of $\gamma,\delta$ -Allenones. <i>Organic Letters</i> , 2021, 23, 3828-3833.  | 4.6 | 10        |
| 189 | Asymmetric Catalytic Assembly of Triple-Columned and Multilayered Chiral Folding Polymers Showing Aggregation-Induced Emission (AIE). <i>Chemistry - A European Journal</i> , 2022, 28, .                                   | 3.3 | 10        |
| 190 | Synthesis of chiral N-phosphinyl $\hat{1}$ -imino esters and their application in asymmetric synthesis of $\hat{1}$ -amino esters by reduction. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 653-659.          | 2.2 | 9         |
| 191 | Cascade bicyclization of triethylammonium thiolates with hydrazines: efficient access to pyrazolo[3,4-c]quinolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9080-9087.  | 2.8 | 9         |
| 192 | Three-Component Bicyclization Leading to Densely Functionalized Pyrazolo[3,4-d]thiazolo[3,2-a]pyrimidines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1968-1971.  | 2.4 | 8         |
| 193 | Hypervalent Iodine (III) Catalyzed Regio- and Diastereoselective Aminochlorination of Tailored Electron Deficient Olefins via GAP Chemistry. <i>Frontiers in Chemistry</i> , 2020, 8, 523.                                  | 3.6 | 8         |
| 194 | Multilayer 3D Chiral Folding Polymers and Their Asymmetric Catalytic Assembly. <i>Research</i> , 2022, 2022, 9847949.   | 5.7 | 8         |
| 195 | Asymmetric synthesis of $\hat{1}$ -alkenyl homoallylic primary amines via 1,2-addition of Grignard reagent to $\hat{1},\hat{2}$ -unsaturated phosphonyl imines. <i>RSC Advances</i> , 2013, 3, 15820.                       | 3.6 | 7         |
| 196 | Nanoparticles target intimal macrophages in atherosclerotic lesions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102346.   | 3.3 | 7         |
| 197 | From Center-to-Multilayer Chirality: Asymmetric Synthesis of Multilayer Targets with Electron-Rich Bridges. <i>Journal of Organic Chemistry</i> , 2022, 87, 5976-5986.  | 3.2 | 7         |
| 198 | Chiral Phosphinyl Enamines and Their Asymmetric Reduction through Group-Assisted Purification Chemistry Leading to Enantiopure $\hat{2}$ -Amino Esters/Amides. <i>Synlett</i> , 2017, 28, 2483-2488.                        | 1.8 | 6         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | Nã€Atom Deletion in Nitrogen Heterocycles. <i>Angewandte Chemie</i> , 2021, 133, 20846-20851.   | 2.0 | 6         |
| 200 | Central-to-Folding Chirality Control: Asymmetric Synthesis of Multilayer 3D Targets With Electron-Deficient Bridges. <i>Frontiers in Chemistry</i> , 2022, 10, 860398.  | 3.6 | 6         |
| 201 | Regioselective Multicomponent Domino Reactions Providing Rapid and Efficient Routes to Fused Acridines. <i>Heterocycles</i> , 2014, 88, 1065.   | 0.7 | 5         |
| 202 | Fe(III)-Catalyzed Bicyclization of Yne-Allenones With Indoles for the Atom-Economic Synthesis of 3-Indolyl Cyclobutarenes. <i>Frontiers in Chemistry</i> , 2018, 6, 599.  | 3.6 | 5         |
| 203 | Rh(III)-Catalyzed [4+1] Cyclization of Sulfoxonium Ylides and Anthranils for Accessing <i>N</i> -Arylisatins. <i>ChemCatChem</i> , 2020, 12, 4689-4694.   | 3.7 | 5         |
| 204 | Asymmetric Catalytic Approach to Multilayer 3D Chirality. <i>Chemistry - A European Journal</i> , 2021, 27, 7977-7977.  | 3.3 | 4         |
| 205 | Efficient Synthesis of Methyl (S)-4-(1-Methylpyrrolidin-2-yl)-3-oxobutanoate as the Key Intermediate for Tropane Alkaloid Biosynthesis with Optically Active Form. <i>Heterocycles</i> , 2019, 99, 604.   | 0.7 | 4         |
| 206 | Asymmetric [4 + 2] cycloaddition synthesis of 4 <i>H</i> -chromene derivatives facilitated by group-assisted-purification (GAP) chemistry. <i>RSC Advances</i> , 2021, 11, 39790-39796.   | 3.6 | 4         |
| 207 | Asymmetric Catalytic Assembly of Triple-Columned and Multilayered Chiral Folding Polymers Showing Aggregation-Induced Emission (AIE). <i>Chemistry - A European Journal</i> , 2022, 28, e202200183.   | 3.3 | 4         |
| 208 | One-pot stereoselective synthesis of $\hat{1},\hat{2}$ -differentiated diamino esters via the sequence of aminochlorination, aziridination and intermolecular $S_N2$ reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1802-1807. | 2.2 | 3         |
| 209 | The Catalytic Synthesis of Carboniolamide: The Role of sp <sup>3</sup> Hybridized Oxygen. <i>Synlett</i> , 2014, 25, 2644-2648.   | 1.8 | 3         |
| 210 | Catalytic Decarboxylative C <sup>α</sup> -N Formation to Generate Alkyl, Alkenyl, and Aryl Amines. <i>Angewandte Chemie</i> , 2021, 133, 1873-1880.   | 2.0 | 3         |
| 211 | Asymmetric synthesis of functionalized 2,3-dihydrobenzofurans using salicyl <i>N</i> -phosphonyl imines facilitated by group-assisted purification (GAP) chemistry. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10319-10325.              | 2.8 | 3         |
| 212 | Diastereoselective Synthesis of Poly-Substituted syn-Imidazolidine-2-thiones via Microwave-Assisted Three-Component [2+2+1] Heterocyclizations. <i>Heterocycles</i> , 2019, 99, 267.  | 0.7 | 2         |
| 213 | Regio- and Diastereoselective Vicinal Aminobromination of Electron Deficient Olefins via Phosphorus-Based GAP Protocol. <i>Frontiers in Chemistry</i> , 2021, 9, 742399.  | 3.6 | 1         |
| 214 | Titelbild: Merging [2+2] Cycloaddition with Radical 1,4-Addition: Metal-Free Access to Functionalized Cyclobuta[ <i>a</i> ]naphthalen-4-ols (Angew. Chem. 49/2017). <i>Angewandte Chemie</i> , 2017, 129, 15677-15677.                              | 2.0 | 0         |
| 215 | Metal-Ligand Ratio-Dependent Chemodivergent Asymmetric Synthesis. <i>Angewandte Chemie</i> , 2021, 133, 23074.  | 2.0 | 0         |