

Hua Yang

List of Publications by Year in descending order

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times ranked

4572
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Single-atom Rh/N-doped carbon electrocatalyst for formic acid oxidation. <i>Nature Nanotechnology</i> , 2020, 15, 390-397. | 31.5 | 420 |
| 2 | Graphene nanosheets as novel adsorbents in adsorption, preconcentration and removal of gases, organic compounds and metal ions. <i>Science of the Total Environment</i> , 2015, 502, 70-79. | 8.0 | 196 |
| 3 | Enantioselective Total Synthesis of Lycopodine. <i>Journal of the American Chemical Society</i> , 2008, 130, 9238-9239. | 13.7 | 151 |
| 4 | Photocatalytic, Phosphoranyl Radical-Mediated N=O Cleavage of Strained Cycloketone Oximes. <i>Organic Letters</i> , 2019, 21, 2658-2662. | 4.6 | 130 |
| 5 | Novel S, N-doped carbon quantum dot-based "off-on" fluorescent sensor for silver ion and cysteine. <i>Talanta</i> , 2018, 180, 300-308. | 5.5 | 121 |
| 6 | Visible-Light-Driven, Radical-Triggered Tandem Cyclization of <i>o</i> -Hydroxyaryl Enaminones: Facile Access to 3-CF ₂ /CF ₃ -Containing Chromones. <i>Organic Letters</i> , 2017, 19, 146-149. | 4.6 | 99 |
| 7 | Synthesis of Pyrrolo(spiro-[2.3]-oxindole)-spiro-[4.3]-oxindole via 1,3-Dipolar Cycloaddition of Azomethine Ylides with 3-Acetonilideneoxindole. <i>Journal of Organic Chemistry</i> , 2013, 78, 11577-11583. | 3.2 | 90 |
| 8 | Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6706-6710. | 13.8 | 89 |
| 9 | <i>N</i> -(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide: A Practical Proline Mimetic for Facilitating Enantioselective Aldol Reactions. <i>Organic Letters</i> , 2008, 10, 4649-4652. | 4.6 | 80 |
| 10 | Advancement in the chemical analysis and quality control of flavonoid in Ginkgo biloba. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 212-225. | 2.8 | 79 |
| 11 | Simultaneous In Situ Extraction and Fabrication of Surface-Enhanced Raman Scattering Substrate for Reliable Detection of Thiram Residue. <i>Analytical Chemistry</i> , 2018, 90, 13647-13654. | 6.5 | 79 |
| 12 | Asymmetric Construction of Nitrogen-Containing [2.2.2] Bicyclic Scaffolds Using <i>N</i> -(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide. <i>Journal of Organic Chemistry</i> , 2009, 74, 5151-5156. | 3.2 | 78 |
| 13 | Highly Stereoselective and Scalable <i>anti</i> -Aldol Reactions Using <i>N</i> -(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide: Scope and Origins of Stereoselectivities. <i>Journal of Organic Chemistry</i> , 2010, 75, 7279-7290. | 3.2 | 74 |
| 14 | Development of an Enantioselective Route toward the <i>Lycopodium</i> Alkaloids: Total Synthesis of Lycopodine. <i>Journal of Organic Chemistry</i> , 2010, 75, 4929-4938. | 3.2 | 69 |
| 15 | Synthesis of All-Carbon, Quaternary Center-Containing Cyclohexenones through an Organocatalyzed, Multicomponent Coupling. <i>Organic Letters</i> , 2010, 12, 3108-3111. | 4.6 | 66 |
| 16 | Interrogation of spatial metabolome of <i>Ginkgo biloba</i> with high-resolution matrix-assisted laser desorption/ionization and laser desorption/ionization mass spectrometry imaging. <i>Plant, Cell and Environment</i> , 2018, 41, 2693-2703. | 5.7 | 65 |
| 17 | Fetal bovine serum influences the stability and bioactivity of resveratrol analogues: A polyphenol-protein interaction approach. <i>Food Chemistry</i> , 2017, 219, 321-328. | 8.2 | 61 |
| 18 | Nitrogen-doped carbon dots rapid and selective detection of mercury ion and biothiol and construction of an IMPLICATION logic gate. <i>Talanta</i> , 2019, 194, 554-562. | 5.5 | 59 |

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|----|--|------|-----------|
| 19 | Rapid and visual detection of aflatoxin B1 in foodstuffs using aptamer/G-quadruplex DNAzyme probe with low background noise. <i>Food Chemistry</i> , 2019, 271, 581-587. | 8.2 | 58 |
| 20 | Visible-Light-Induced External Radical-Triggered Annulation To Access CF ₂ -Containing Benzoxepine Derivatives. <i>Organic Letters</i> , 2018, 20, 1363-1366. | 4.6 | 55 |
| 21 | Structure, synthesis, biosynthesis, and activity of the characteristic compounds from <i>Ginkgo biloba</i> L. <i>Natural Product Reports</i> , 2022, 39, 474-511. | 10.3 | 54 |
| 22 | A gas-diffusion microfluidic paper-based analytical device (µPAD) coupled with portable surface-enhanced Raman scattering (SERS): facile determination of sulphite in wines. <i>Analyst</i> , The, 2016, 141, 5511-5519. | 3.5 | 49 |
| 23 | Enantioselective Mannich Reactions with the Practical Proline Mimetic N-(p-Dodecylphenyl-sulfonyl)-2-pyrrolidinecarboxamide. <i>Journal of Organic Chemistry</i> , 2009, 74, 2246-2249. | 3.2 | 46 |
| 24 | Separation of polyphenols from leaves of <i>Malus hupehensis</i> (Pamp.) Rehder by off-line two-dimensional High Speed Counter-Current Chromatography combined with recycling elution mode. <i>Food Chemistry</i> , 2015, 186, 139-145. | 8.2 | 44 |
| 25 | Synthesis of Multi-Au-Nanoparticle-Embedded Mesoporous Silica Microspheres as Self-Filtering and Reusable Substrates for SERS Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42156-42166. | 8.0 | 44 |
| 26 | Photocatalytic C–F Bond Borylation of Polyfluoroarenes with NHC-boranes. <i>Organic Letters</i> , 2020, 22, 1742-1747. | 4.6 | 43 |
| 27 | Highly Enantioselective Construction of Polycyclic Spirooxindoles by Organocatalytic 1,3-Dipolar Cycloaddition of 2-Cyclohexenone Catalyzed by Proline-Sulfonamide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5700-5704. | 2.4 | 40 |
| 28 | In situ synthesis of gold nanoparticles on pseudo-paper films as flexible SERS substrate for sensitive detection of surface organic residues. <i>Talanta</i> , 2019, 197, 225-233. | 5.5 | 38 |
| 29 | Nitrogen-doped carbon quantum dots as a fluorescent probe to detect copper ions, glutathione, and intracellular pH. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7701-7710. | 3.7 | 37 |
| 30 | Additive-assisted regioselective 1,3-dipolar cycloaddition of azomethine ylides with benzylideneacetone. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 352-360. | 2.2 | 35 |
| 31 | Effect of varying NaCl doses on flavonoid production in suspension cells of <i>Ginkgo biloba</i> : relationship to chlorophyll fluorescence, ion homeostasis, antioxidant system and ultrastructure. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 3173-3187. | 2.1 | 34 |
| 32 | Visible-Light-Promoted Synthesis of 1,4-Dicarbonyl Compounds via Conjugate Addition of Aroyl Chlorides. <i>Chemistry - an Asian Journal</i> , 2018, 13, 271-274. | 3.3 | 34 |
| 33 | Visible-Light-Induced, Catalyst-Free Radical Cross-Coupling Cyclization of N-Allylbromodifluoroacetamides with Disulfides or Diselenides. <i>Journal of Organic Chemistry</i> , 2020, 85, 5670-5682. | 3.2 | 34 |
| 34 | (S)-Pyroglutamic Sulphonamide as Hydrogen-Bonding Organocatalyst: Enantioselective Diels-Alder Cyclization to Construct Carbazolespirooxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 6441-6449. | 3.2 | 32 |
| 35 | Core-shell-satellite microspheres-modified glass capillary for microsampling and ultrasensitive SERS spectroscopic detection of methotrexate in serum. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 267-276. | 7.8 | 32 |
| 36 | Visible-Light-Driven, Photoredox-Catalyzed Cascade of ortho-Hydroxycinnamic Esters To Access 3-Fluoroalkylated Coumarins. <i>Journal of Organic Chemistry</i> , 2019, 84, 7480-7487. | 3.2 | 31 |

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|----|---|-----|-----------|
| 37 | Selenocyanobenziodoxolone: a practical electrophilic selenocyanation reagent and its application for solid-state synthesis of β -carbonyl selenocyanates. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1967-1971. | 4.5 | 30 |
| 38 | Simultaneous <i>In Situ</i> Extraction and Self-Assembly of Plasmonic Colloidal Gold Superparticles for SERS Detection of Organochlorine Pesticides in Water. <i>Analytical Chemistry</i> , 2021, 93, 4657-4665. | 6.5 | 30 |
| 39 | Visible-Light-Driven Sulfonation of β -Trifluoromethylstyrenes: Access to Densely Functionalized CF ₃ -Substituted Tertiary Alcohol. <i>Organic Letters</i> , 2021, 23, 6558-6562. | 4.6 | 30 |
| 40 | Accurate analysis of ginkgolides and their hydrolyzed metabolites by analytical supercritical fluid chromatography hybrid tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1388, 251-258. | 3.7 | 29 |
| 41 | Photocatalytic reductive radical-radical coupling of <i>N</i> , <i>N</i> -cyclicazomethine imines with difluorobromo derivatives. <i>Chemical Communications</i> , 2019, 55, 2712-2715. | 4.1 | 29 |
| 42 | Photocatalytic Hydroacylation of Alkenes by Directly Using Acyl Oximes. <i>Journal of Organic Chemistry</i> , 2020, 85, 11989-11996. | 3.2 | 29 |
| 43 | <i>O</i> -Perfluoropyridin-4-yl Oximes: Iminyl Radical Precursors for Photo- or Thermal-Induced N=O Cleavage in C(sp ²)-C(sp ³) Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 3538-3547. | 3.2 | 29 |
| 44 | Visible-Light-Induced, Palladium-Catalyzed 1,4-Difunctionalization of 1,3-Dienes with Bromodifluoroacetamides. <i>Organic Letters</i> , 2022, 24, 924-928. | 4.6 | 29 |
| 45 | Metal-free visible-light-initiated direct C3 alkylation of quinoxalin-2(1 <i>H</i>)-ones and coumarins with unactivated alkyl iodides. <i>Green Chemistry</i> , 2022, 24, 858-863. | 9.0 | 29 |
| 46 | Systematic and efficient separation of 11 compounds from Rhizoma Chuanxiong via counter-current chromatography-solid phase extraction-counter-current chromatography hyphenation. <i>Journal of Chromatography A</i> , 2014, 1364, 204-213. | 3.7 | 28 |
| 47 | Acid-Relayed Organocatalytic <i>exo</i> -Diels-Alder Cycloaddition of Cyclic Enones with 2-Vinyl-1 <i>H</i> -indoles. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1264-1268. | 2.4 | 28 |
| 48 | Photoredox-Catalyzed Reductive Dimerization of Isatins and Isatin-Derived Ketimines: Diastereoselective Construction of 3,3'-Disubstituted Bisoxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 3895-3900. | 3.2 | 28 |
| 49 | Organocatalytic, Enantioselective, Polarity-Matched Ring-Reorganization Domino Sequence Based on the 3-Oxindole Scaffold. <i>Organic Letters</i> , 2019, 21, 2166-2170. | 4.6 | 28 |
| 50 | γ -Pyroglutamic Acid-Modified CdSe/ZnS Quantum Dots: A New Fluorescence-Responsive Chiral Sensing Platform for Stereospecific Molecular Recognition. <i>Analytical Chemistry</i> , 2020, 92, 12040-12048. | 6.5 | 28 |
| 51 | Synthesis of functionalized chromones via organocatalysis. <i>Tetrahedron</i> , 2014, 70, 9314-9320. | 1.9 | 26 |
| 52 | Selectfluor-Triggered Tandem Cyclization of α -Hydroxyarylenaminones To Access Difluorinated 2-Amino-Substituted Chromanones. <i>Journal of Organic Chemistry</i> , 2017, 82, 9837-9843. | 3.2 | 26 |
| 53 | Improved enantioseparation via the twin-column based recycling high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1363, 236-241. | 3.7 | 25 |
| 54 | Diastereoselective Intramolecular [3 + 2]-Annulation of Donor-Acceptor Cyclopropane with Imine-Assembling Hexahydropyrrolo[3,2- <i>c</i>]quinolinone Scaffolds. <i>Journal of Organic Chemistry</i> , 2016, 81, 11185-11194. | 3.2 | 25 |

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|----|---|-----|-----------|
| 55 | In situ fabrication of label-free optical sensing paper strips for the rapid surface-enhanced Raman scattering (SERS) detection of brassinosteroids in plant tissues. <i>Talanta</i> , 2017, 165, 313-320. | 5.5 | 25 |
| 56 | <i>o</i> -Perhalopyridin-4-yl Hydroxylamines: Amidyl-Radical Generation Scaffolds in Photoinduced Direct Amination of Heterocycles. <i>Organic Letters</i> , 2021, 23, 1643-1647. | 4.6 | 25 |
| 57 | Proline sulphonamide-catalysed Yamada–Otani condensation: reaction development, substrate scope and scaffold reactivity. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4851. | 2.8 | 24 |
| 58 | Highly stereoselective construction of novel dispirooxindole–imidazolidines via self-1,3-dipolar cyclization of ketimines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7907-7910. | 2.8 | 24 |
| 59 | Discovery of temperature-dependent, autoinductive reversal of enantioselectivity: palladium-mediated [3+3]-annulation of 4-hydroxycoumarins. <i>Chemical Communications</i> , 2017, 53, 4441-4444. | 4.1 | 23 |
| 60 | Palladium-catalysed ring-opening [3 + 2]-annulation of spirovinylcyclopropyl oxindole to diastereoselectively access spirooxindoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 103-107. | 2.8 | 23 |
| 61 | Construction of Bispairooxindole Heterocycles via Palladium-Catalyzed Ring-Opening Formal [3 + 2]-Cycloaddition of Spirovinylcyclopropyl Oxindole and 3-Oxindole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 2297-2306. | 3.2 | 23 |
| 62 | Photoredox-Catalyzed Cascade of <i>o</i> -Hydroxyarylenaminones to Access 3-Aminated Chromones. <i>Journal of Organic Chemistry</i> , 2022, 87, 1477-1484. | 3.2 | 23 |
| 63 | Regioselectivity-Tunable Self-1,3-Dipolar [3+3] Cyclizations of Azomethine Ylides To Assemble Dispirooxindole-piperazines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11573-11579. | 3.2 | 22 |
| 64 | Development of a “Dual Gates”-Locked, Target-Triggered Nanodevice for Point-of-Care Testing with a Glucometer Readout. <i>ACS Sensors</i> , 2019, 4, 968-976. | 7.8 | 22 |
| 65 | Electrochemical heterodifunctionalization of β -CF ₃ alkenes to access β -trifluoromethyl- γ -sulfonyl tertiary alcohols. <i>Chemical Communications</i> , 2021, 57, 8969-8972. | 4.1 | 22 |
| 66 | Amide-assisted intramolecular [3+2] annulation of cyclopropane ring-opening: a facile and diastereoselective access to the tricyclic core of (Δ^2)-scandine. <i>Chemical Communications</i> , 2016, 52, 2177-2180. | 4.1 | 21 |
| 67 | Sensitive surface enhanced Raman spectroscopy (SERS) detection of methotrexate by core-shell-satellite magnetic microspheres. <i>Talanta</i> , 2017, 171, 152-158. | 5.5 | 21 |
| 68 | Rapid screening and identification of antioxidants in the leaves of <i>Malus hupehensis</i> using offline two-dimensional HPLC–UV–MS/MS coupled with a 1,1-diphenyl-2-picrylhydrazyl assay. <i>Journal of Separation Science</i> , 2018, 41, 2536-2543. | 2.1 | 21 |
| 69 | Intelligent Platform for Simultaneous Detection of Multiple Aminoglycosides Based on a Ratiometric Paper-Based Device with Digital Fluorescence Detector Readout. <i>ACS Sensors</i> , 2019, 4, 3283-3290. | 7.8 | 21 |
| 70 | Diversity-driven and facile 1,3-dipolar cycloaddition to access dispirooxindole-imidazolidine scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8705-8708. | 2.8 | 20 |
| 71 | Photocatalytic intermolecular <i>anti</i> -Markovnikov hydroamination of unactivated alkenes with <i>N</i> -hydroxyphthalimide. <i>Organic Chemistry Frontiers</i> , 2021, 8, 273-277. | 4.5 | 20 |
| 72 | Photocatalytic Cyclization/Defluorination Domino Sequence to Access 3-Fluoro-1,5-dihydro-2 <i>H</i> -pyrrol-2-one Scaffold. <i>Organic Letters</i> , 2021, 23, 4754-4758. | 4.6 | 20 |

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|----|---|-----|-----------|
| 73 | Recent progress in the nitration of arenes and alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4835-4851. | 2.8 | 20 |
| 74 | Enantioselective Aldol Reaction Between Isatins and Cyclohexanone Catalyzed by Amino Acid Sulphonamides. <i>Chirality</i> , 2015, 27, 314-319. | 2.6 | 19 |
| 75 | Combining Metabolic Profiling and Gene Expression Analysis to Reveal the Biosynthesis Site and Transport of Ginkgolides in <i>Ginkgo biloba</i> L.. <i>Frontiers in Plant Science</i> , 2017, 8, 872. | 3.6 | 19 |
| 76 | Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie</i> , 2020, 132, 6772-6776. | 2.0 | 18 |
| 77 | Pomegranate-Like Plasmonic Nanoreactors with Accessible High-Density Hotspots for in Situ SERS Monitoring of Catalytic Reactions. <i>Analytical Chemistry</i> , 2020, 92, 4115-4122. | 6.5 | 18 |
| 78 | Photochemical Organocatalytic Aerobic Cleavage of C-C Bonds Enabled by Charge-Transfer Complex Formation. <i>Organic Letters</i> , 2022, 24, 3920-3925. | 4.6 | 18 |
| 79 | Unraveling and Manipulating the Stereospecific Retro-Aldol Reaction in the Organocatalytic Asymmetric Aldol Reaction of Isatin and Cyclohexanone. <i>Organic Letters</i> , 2018, 20, 7535-7538. | 4.6 | 17 |
| 80 | Tunable photocatalytic oxysulfonylation and chlorosulfonylation of CF_3 alkenes with sulfonyl chlorides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 709-714. | 4.5 | 17 |
| 81 | Visible Light-Promoted Radical Relay Cyclization/C-C Bond Formation of <i>N</i> -Allylbromodifluoroacetamides with Quinoxalin-2(1 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 17173-17183. | 3.2 | 16 |
| 82 | Visible-Light-Promoted Hydroxydifluoroalkylation of Alkenes Enabled by Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2021, 23, 9474-9479. | 4.6 | 16 |
| 83 | Phosphine-Mediated MBH-Type/Umpolung Addition Domino Sequence: Divergent Construction of Coumarins. <i>Organic Letters</i> , 2020, 22, 488-492. | 4.6 | 14 |
| 84 | A BHT-regulated chemoselective access to monofluorinated chromones. <i>Tetrahedron</i> , 2020, 76, 130833. | 1.9 | 14 |
| 85 | Proline Sulfonamide Based Organocatalysis: Better Late than Never. <i>Synlett</i> , 2010, 2010, 2827-2838. | 1.8 | 13 |
| 86 | Photoredox-catalyzed direct aminoalkylation of isatins: diastereoselective access to 3-hydroxy-3-aminoalkylindolin-2-ones analogues. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1608-1612. | 4.5 | 13 |
| 87 | A One-Pot Ring-Opening/Ring-Closure Sequence for the Synthesis of Polycyclic Spirooxindoles. <i>Chemistry - A European Journal</i> , 2019, 25, 4673-4677. | 3.3 | 13 |
| 88 | <i>N,N,N,N</i> -Tetramethylethylenediamine-Enabled Photoredox-Catalyzed C-H Methylation of <i>N</i> -Heteroarenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 11905-11914. | 3.2 | 13 |
| 89 | Enantioselective formal [3+2]-cycloadditions to access spirooxindoles bearing four contiguous stereocenters through synergistic catalysis. <i>Chemical Communications</i> , 2021, 57, 4456-4459. | 4.1 | 13 |
| 90 | Visible-Light-Induced, Palladium-Catalyzed Annulation of 1,3-Dienes to Construct Vinyl <i>N</i> -Heterocycles. <i>Organic Letters</i> , 2022, 24, 5407-5411. | 4.6 | 13 |

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|-----|--|-----|-----------|
| 91 | Straightforward Synthesis of 3-Selenocyanato-Substituted Chromones through Electrophilic Selenocyanation of Enaminones under Grinding Conditions. <i>Synthesis</i> , 2021, 53, 954-960. | 2.3 | 12 |
| 92 | Visible-light-promoted olefinic trifluoromethylation of enamides with $\text{CF}_3\text{SO}_2\text{Na}$. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7475-7479. | 2.8 | 12 |
| 93 | Visible-Light-Driven, Photocatalyst-Free Cascade to Access 3-Cyanoalkyl Coumarins from ortho-Hydroxycinnamic Esters. <i>Journal of Organic Chemistry</i> , 2021, 86, 4245-4253. | 3.2 | 12 |
| 94 | Organocatalytic Enantioselective Conjugate Addition of Azlactones to Enolizable Linear and Cyclic Enones. <i>Journal of Organic Chemistry</i> , 2016, 81, 8001-8008. | 3.2 | 11 |
| 95 | Organocatalytic Asymmetric Allylic Alkylation of Morita-Baylis-Hillman Carbonates with Diethyl 2-Aminomalonate Assisted by In Situ Protection. <i>Journal of Organic Chemistry</i> , 2017, 82, 12202-12208. | 3.2 | 11 |
| 96 | Solvent-Minimized, Chromatography-Free, Diastereoselective Synthesis of Oxazolidine-Dispirooxindoles via oxa-1,3-Dipolar Cycloaddition of 3-Oxindole. <i>Journal of Organic Chemistry</i> , 2018, 83, 2948-2953. | 3.2 | 10 |
| 97 | Intramolecular hydrogen-bonding-assisted phosphine-catalysed [3 + 2] cyclisation of ynones with o-hydroxy/amino benzaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2187-2191. | 2.8 | 10 |
| 98 | Enantioselectivity-Switchable Organocatalytic [4 + 2]-Annulation to Access the Spirooxindole-Norcamphor Scaffold. <i>Organic Letters</i> , 2021, 23, 963-968. | 4.6 | 10 |
| 99 | Visible-Light-Promoted Cross-Coupling of α -O-Aryl Oximes and Nitrostyrenes to Access Cyanoalkylated Alkenes. <i>Organic Letters</i> , 2022, 24, 4640-4644. | 4.6 | 10 |
| 100 | Biphasic recognition enantioseparation of ofloxacin enantiomers by an aqueous two-phase system. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2234-2239. | 3.2 | 9 |
| 101 | Divergent Aerobic Oxidative Ring-Opening Cascades of Isatins with 1,2,3,4-Tetrahydroisoquinoline. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5096-5101. | 2.4 | 9 |
| 102 | Organocatalytic Domino Entry to an Octahydroacridine Scaffold Bearing Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2018, 83, 12284-12290. | 3.2 | 9 |
| 103 | A phosphine-mediated domino sequence of salicylaldehyde with but-3-yn-2-one: rapid access to chromanone. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8916-8920. | 2.8 | 9 |
| 104 | Photocatalyzed Defluorinative Dichloromethylation of β - CF_3 Alkenes Using CHCl_3 as the Radical Source. <i>Journal of Organic Chemistry</i> , 2023, 88, 6354-6363. | 3.2 | 9 |
| 105 | Enantioselective extraction of phenylsuccinic acid in aqueous two-phase systems based on acetone and β -cyclodextrin derivative: Modeling and optimization through response surface methodology. <i>Journal of Chromatography A</i> , 2016, 1467, 490-496. | 3.7 | 8 |
| 106 | Straightforward Synthesis of Novel Difluorinated 2-Hydroxyl-Substituted Dihydroquinolones Through Selectfluor-Triggered Annulation of 2-Aminoarylenaminones. <i>ChemistrySelect</i> , 2018, 3, 9218-9221. | 1.5 | 8 |
| 107 | CuI-mediated benzannulation of (ortho-arylethynyl)phenylenaminones to assemble β -aminonaphthalene derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3250-3254. | 4.5 | 8 |
| 108 | Phosphonium Ylide-Mediated Programmable Fluorination to Access Mono- and Difluoromethylarenes. <i>Organic Letters</i> , 2021, 23, 2538-2542. | 4.6 | 8 |

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|-----|--|-----|-----------|
| 109 | Facile oxidative cyclization to access C2-quaternary 2-hydroxy-indolin-3-ones: synthetic studies towards matemone. <i>New Journal of Chemistry</i> , 2017, 41, 11503-11506. | 2.8 | 7 |
| 110 | Unusual Ligand-to-Metal Ratio-Controlled Bidirectional Enantioselectivity in Pd-Catalysed [3+3]-Annulation of Morita-Baylis-Hillman Acetate. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6961-6965. | 2.4 | 7 |
| 111 | A phosphine-catalysed one-pot domino sequence to access cyclopentene-fused coumarins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7074-7080. | 2.8 | 7 |
| 112 | Gold/scandium bimetallic relay catalysis of formal [5+2]- and [4+2]-annulations: access to tetracyclic indole scaffolds. <i>Chemical Communications</i> , 2021, 57, 13369-13372. | 4.1 | 7 |
| 113 | Facile Construction of Pyrrolo[1,2-a]indolenine Scaffold via Diastereoselective [3+2] Annulation of Donor-Acceptor Cyclopropane with Indolenine. <i>Synthesis</i> , 2017, 49, 4292-4298. | 2.3 | 6 |
| 114 | Combining paired analytical metabolomics and common garden trial to study the metabolism and gene variation of <i>Ginkgo biloba</i> L. cultivated varieties. <i>RSC Advances</i> , 2017, 7, 55309-55317. | 3.6 | 5 |
| 115 | Catalyst-controlled diastereoselective ring-opening formal [3+2]-cycloadditions of arylvinyl oxirane 2,2-diester with cyclic N-sulfonyl imines. <i>Science China Chemistry</i> , 2020, 63, 785-791. | 8.2 | 5 |
| 116 | Integrating amino acid oxidase with photoresponsive probe: A fast quantitative readout platform of amino acid enantiomers. <i>Talanta</i> , 2021, 224, 121894. | 5.5 | 5 |
| 117 | TBN-triggered, manipulable annulations of <i>o</i> -hydroxyarylenaminones for divergent syntheses of oximinochromanones and oximinocoumaranones. <i>Chemical Communications</i> , 2021, 57, 12285-12288. | 4.1 | 5 |
| 118 | An organocatalytic enantioselective ring-reorganization domino sequence of methyleneindolinones with 2-aminomalonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 778-783. | 4.5 | 4 |
| 119 | Diastereoselectivity-Switchable Gold-Catalyzed Formal [3+2]-Cycloadditions of <i>N</i> -2,2,2-trifluoroethylisatin Ketimines with Yne-Enones. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2435-2438. | 3.3 | 4 |
| 120 | Photoinduced Construction of a Benzothienopyridine-S,S-dioxide Framework Enabled by Polychloropyridyl Multifunctional Motifs. <i>Journal of Organic Chemistry</i> , 2022, 87, 4732-4741. | 3.2 | 4 |
| 121 | Organocatalytic domino sequence to asymmetrically access spirocyclic oxindole-1-methylene-1-lactams. <i>Tetrahedron</i> , 2021, , 132163. | 1.9 | 3 |
| 122 | Intramolecular [3+2]-cycloaddition of salicylaldehydes-based cyclic azomethine imines to access novel tetrahydrochromeno[4,3-c]pyrazolo[1,2-a]pyrazol-9-ones. <i>Tetrahedron</i> , 2021, 83, 131992. | 1.9 | 2 |
| 123 | Unveiling the abnormal effect of temperature on enantioselectivity in the palladium-mediated decarbonylative alkylation of MBH acetate. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5058-5063. | 4.5 | 2 |
| 124 | Phosphine-Mediated Morita-Baylis-Hillman-Type/Wittig Cascade: Access to <i>E</i> -Configured 3-Styryl- and 3-(Benzopyrrole/furan-2-yl) Quinolinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 974-984. | 3.2 | 2 |
| 125 | Programmable iodization/deuterolysis sequences of phosphonium ylides to access deuterated benzyl iodides and aromatic aldehydes. <i>Chemical Communications</i> , 2022, 58, 4215-4218. | 4.1 | 1 |
| 126 | Study on the Online Ink Testing with CCD Based on Calabro-Mercatucci Model. <i>Advanced Materials Research</i> , 2010, 174, 195-198. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | [3+2] vs [4+1] Annulation: Revisiting mechanism studies on phosphine-catalysed domino sequence of alkynoates and activated methylenes. Organic and Biomolecular Chemistry, 2022, , . | 2.8 | 0 |