# Lin-Jie Yan

## List of Publications by Citations



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|---|---|---|---|
| 159 papers | 1,841 citations | 20 h-index | 33 g-index |
| 178 ext. papers | 2,411 ext. citations | 4.8 avg, IF | 5.35 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 159 | Reserpine: a challenge for total synthesis of natural products. *Chemical Reviews*, **2005**, 105, 4671-706 | 68.1 | 189 |
| 158 | A Bifunctional Cinchona Alkaloid-Squaramide Catalyst for the Highly Enantioselective Conjugate Addition of Thiols to trans-Chalcones. *Advanced Synthesis and Catalysis*, **2010**, 352, 2137-2141 | 5.6 | 129 |
| 157 | Base-controlled highly selective synthesis of alkyl 1,2-bis(boronates) or 1,1,2-tris(boronates) from terminal alkynes. *Green Chemistry*, **2017**, 19, 3997-4001 | 10 | 50 |
| 156 | A Novel Cost-Effective Thiourea Bifunctional Organocatalyst for Highly Enantioselective Alcoholysis of meso-Cyclic Anhydrides: Enhanced Enantioselectivity by Configuration Inversion. *Advanced Synthesis and Catalysis*, **2009**, 351, 547-552 | 5.6 | 47 |
| 155 | The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. *Angewandte Chemie - International Edition*, **2017**, 56, 3857-3861 | 16.4 | 38 |
| 154 | An improved synthesis of a key intermediate for (+)-biotin from D-mannose. *Carbohydrate Research*, **2007**, 342, 2461-4 | 2.9 | 36 |
| 153 | Synthetic studies on d-biotin. Part 7: A practical asymmetric total synthesis of d-biotin via enantioselective reduction of meso-cyclic imide catalyzed by oxazborolidine. *Tetrahedron: Asymmetry*, **2003**, 14, 3667-3672 | | 35 |
| 152 | Asymmetric synthesis of the HMG-CoA reductase inhibitor atorvastatin calcium: an organocatalytic anhydride desymmetrization and cyanide-free side chain elongation approach. *Journal of Organic Chemistry*, **2014**, 79, 2723-8 | 4.2 | 34 |
| 151 | Discovery of biphenyl-substituted diarylpyrimidines as non-nucleoside reverse transcriptase inhibitors with high potency against wild-type and mutant HIV-1. *European Journal of Medicinal Chemistry*, **2018**, 145, 726-734 | 6.8 | 32 |
| 150 | Chiral Squaramide-Catalyzed Enantioselective Conjugate Michael Addition of Various Thiols to □,□Unsaturated N-Acylated Oxazolidin-2-ones. *European Journal of Organic Chemistry*, **2011**, 2011, 5071-5076 | 3.2 | 32 |
| 149 | Development of non-nucleoside reverse transcriptase inhibitors (NNRTIs): our past twenty years. *Acta Pharmaceutica Sinica B*, **2020**, 10, 961-978 | 15.5 | 32 |
| 148 | Stereoselective synthesis of 3-hydroxy-3-methylglutaryl□oenzyme A reductase inhibitors. *Tetrahedron*, **2015**, 71, 8487-8510 | 2.4 | 26 |
| 147 | Design and synthesis of a new series of modified CH-diarylpyrimidines as drug-resistant HIV non-nucleoside reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 82, 600-11 | 6.8 | 25 |
| 146 | An Efficient Method for Removal of Residual Palladium from Organic Solution of Faropenem Sodium in the Pd(II)-Catalyzed Cleavage of Allyl Faropenem. *Organic Process Research and Development*, **2010**, 14, 939-941 | 3.9 | 23 |
| 145 | Transition-metal catalyzed asymmetric reactions under continuous flow from 2015 to early 2020. *Green Synthesis and Catalysis*, **2020**, 1, 121-133 | 9.3 | 23 |
| 144 | Small-Molecule Inhibitors of Necroptosis: Current Status and Perspectives. *Journal of Medicinal Chemistry*, **2020**, 63, 1490-1510 | 8.3 | 23 |
| 143 | TETRABUTYLAMMONIUM PEROXYDISULFATE IN ORGANIC SYNTHESIS. XII.[1] A CONVENIENT AND PRACTICAL PROCEDURE FOR THE SELECTIVE OXIDATION OF THIOLS TO DISULFIDES WITH TETRABUTYLAMMONIUM PEROXYDISULFATE UNDER SOLVENT-FREE CONDITIONS. *Synthetic Communications*, **2002**, 32, 3487-3492 | 1.7 | 22 |

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| 142 | Hybrid chemistry. Part 4: Discovery of etravirine-VRX-480773 hybrids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 4248-4255 | 3.4 | 21 |
| 141 | Pyrimidine sulfonylacetanilides with improved potency against key mutant viruses of HIV-1 by specific targeting of a highly conserved residue. *European Journal of Medicinal Chemistry*, **2015**, 102, 215-22 | 6.8 | 21 |
| 140 | Copper- and Phosphine-Free Sonogashira Coupling Reaction Catalyzed by Polyurea-Encapsulated Palladium(II). *Helvetica Chimica Acta*, **2009**, 92, 897-902 | 2 | 21 |
| 139 | Ligand-Based Design of Nondimethylphenyl-Diarylpyrimidines with Improved Metabolic Stability, Safety, and Oral Pharmacokinetic Profiles. *Journal of Medicinal Chemistry*, **2019**, 62, 11430-11436 | 8.3 | 20 |
| 138 | An efficient enantioselective synthesis of florfenicol via a vanadium-catalyzed asymmetric epoxidation. *Tetrahedron: Asymmetry*, **2011**, 22, 1337-1341 | | 20 |
| 137 | Improving the positional adaptability: structure-based design of biphenyl-substituted diaryltriazines as novel non-nucleoside HIV-1 reverse transcriptase inhibitors. *Acta Pharmaceutica Sinica B*, **2020**, 10, 344-357 | 15.5 | 20 |
| 136 | Discovery of piperidin-4-yl-aminopyrimidine derivatives as potent non-nucleoside HIV-1 reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2015**, 97, 1-9 | 6.8 | 19 |
| 135 | Highly Enantioselective Thiolysis of Prochiral Cyclic Anhydrides Catalyzed by Amino Alcohol Bifunctional Organocatalysts and Its Application to the Synthesis of Pregabalin. *European Journal of Organic Chemistry*, **2013**, 2013, 4495-4498 | 3.2 | 19 |
| 134 | Recent Advances in Asymmetric Organomulticatalysis. *Advanced Synthesis and Catalysis*, **2021**, 363, 352-387 | 5.6 | 18 |
| 133 | Phosphorus coordinated Rh single-atom sites on nanodiamond as highly regioselective catalyst for hydroformylation of olefins. *Nature Communications*, **2021**, 12, 4698 | 17.4 | 18 |
| 132 | Anti-HIV diarylpyrimidine-quinolone hybrids and their mode of action. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 3860-8 | 3.4 | 17 |
| 131 | Catalytic asymmetric transfer hydrogenation/dynamic kinetic resolution: an efficient synthesis of florfenicol. *Tetrahedron*, **2016**, 72, 1787-1793 | 2.4 | 17 |
| 130 | Access to a Key Building Block for the Prostaglandin Family via Stereocontrolled Organocatalytic Baeyer-Villiger Oxidation. *Angewandte Chemie - International Edition*, **2019**, 58, 9923-9927 | 16.4 | 16 |
| 129 | Conformational restriction design of thiophene-biphenyl-DAPY HIV-1 non-nucleoside reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2019**, 182, 111603 | 6.8 | 16 |
| 128 | A family of novel bifunctional organocatalysts: Highly enantioselective alcoholysis of meso cyclic anhydrides and its application for synthesis of the key intermediate of P2X7 receptor antagonists. *Chinese Chemical Letters*, **2013**, 24, 553-558 | 8.1 | 16 |
| 127 | Development of Two Scalable Syntheses of 4-Amino-5-aminomethyl-2-methylpyrimidine: Key Intermediate for Vitamin B1. *Organic Process Research and Development*, **2012**, 16, 57-60 | 3.9 | 16 |
| 126 | An Efficient Synthesis of a Potential (−)-Reserpine Intermediate from (−)-Shikimic Acid of the Chiral Pool. *Helvetica Chimica Acta*, **2007**, 90, 1366-1372 | 2 | 16 |
| 125 | Development of Novel Chloramphenicol Scaffold-Based Chiral Hydroxyl Oxazoline Ligands and Their Application to the Asymmetric Alkynylation of Isatins. *Advanced Synthesis and Catalysis*, **2018**, 360, 3497-3501 | 5.6 | 16 |

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| 124 | Follow on-based optimization of the biphenyl-DAPYs as HIV-1 nonnucleoside reverse transcriptase inhibitors against the wild-type and mutant strains. *Bioorganic Chemistry*, **2019**, 89, 102974 | 5.1 | 15 |
| 123 | Synthetic studies on statins. Part 3: A facile synthesis of rosuvastatin calcium through catalytic enantioselective allylation strategy. *Tetrahedron*, **2014**, 70, 5794-5799 | 2.4 | 15 |
| 122 | Synthetic studies on statins. Part 1: a short and cyanide-free synthesis of atorvastatin calcium via an enantioselective aldol strategy. *Tetrahedron: Asymmetry*, **2013**, 24, 207-211 | | 15 |
| 121 | Synthetic Studies on Camptothecins. Part 1. *Helvetica Chimica Acta*, **2008**, 91, 2057-2061 | 2 | 15 |
| 120 | Development of Bifunctional Thiourea Organocatalysts Derived from a Chloramphenicol Base Scaffold and their Use in the Enantioselective Alcoholysis of meso Cyclic Anhydrides. *ChemCatChem* , **2016**, 8, 2249-2253 | 5.2 | 15 |
| 119 | Metabonomic characteristics and biomarker research of human lung cancer tissues by HR1H NMR spectroscopy. *Cancer Biomarkers*, **2016**, 16, 653-64 | 3.8 | 15 |
| 118 | Molecular Hybridization-Inspired Optimization of Diarylbenzopyrimidines as HIV-1 Nonnucleoside Reverse Transcriptase Inhibitors with Improved Activity against K103N and E138K Mutants and Pharmacokinetic Profiles. *ACS Infectious Diseases*, **2020**, 6, 787-801 | 5.5 | 15 |
| 117 | Enantioselective β-hydroxy thioesters formation via decarboxylative aldol reactions of malonic acid half thioesters with aldehydes promoted by chloramphenicol derived sulfonamides 1. *Tetrahedron*, **2017**, 73, 5055-5062 | 2.4 | 14 |
| 116 | Ketoreductase catalyzed stereoselective bioreduction of α-nitro ketones. *Organic and Biomolecular Chemistry*, **2019**, 17, 3575-3580 | 3.9 | 14 |
| 115 | Specific -Selectivity in the Oxidative Isomerization of Allyl Ethers to Generate Geometrically Defined -Enol Ethers Using a Cobalt(II)(salen) Complex Catalyst. *Journal of Organic Chemistry*, **2020**, 85, 5321-5329 | 4.2 | 14 |
| 114 | Direct Synthesis of Substituted (Z)-Allylic Sulfones by Palladium-Catalyzed Sulfonylation of Vinylethylene Carbonates with Sodium Sulfinates. *ChemCatChem*, **2019**, 11, 4720-4724 | 5.2 | 14 |
| 113 | Synthesis and biological evaluation of CHX-DAPYs as HIV-1 non-nucleoside reverse transcriptase inhibitors. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3220-6 | 3.4 | 14 |
| 112 | Indazolyl-substituted piperidin-4-yl-aminopyrimidines as HIV-1 NNRTIs: Design, synthesis and biological activities. *European Journal of Medicinal Chemistry*, **2020**, 186, 111864 | 6.8 | 13 |
| 111 | Substituent Position-Controlled Stereoselectivity in Enzymatic Reduction of Diaryl- and Aryl(heteroaryl)methanones. *Advanced Synthesis and Catalysis*, **2019**, 361, 1859-1865 | 5.6 | 12 |
| 110 | Asymmetric Synthesis of Vitamin D3 Analogues: Organocatalytic Desymmetrization Approach toward the A-Ring Precursor of Calcifediol. *Organic Letters*, **2015**, 17, 5452-5 | 6.2 | 12 |
| 109 | A new cost-effective Ru-chloramphenicol base derivative catalyst for the asymmetric transfer hydrogenation/dynamic kinetic resolution of N-Boc α-amino-β-ketoesters and its application to the synthesis of the chiral core of vancomycin. *RSC Advances*, **2016**, 6, 37701-37709 | 3.7 | 12 |
| 108 | Synthetic studies on d-biotin, part 9. An improved asymmetric synthetic route to d-biotin via Hoffmann-Roche lactone-thiolactone approach. *Chemical and Pharmaceutical Bulletin*, **2005**, 53, 743-6 | 1.9 | 12 |
| 107 | New chloramphenicol Schiff base ligands for the titanium-mediated asymmetric aldol reaction of α,β-unsaturated aldehydes with diketene: a short synthesis of atorvastatin calcium. *RSC Advances*, **2016**, 6, 75470-75477 | 3.7 | 12 |

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| 106 | Structural modifications of CH(OH)-DAPYs as new HIV-1 non-nucleoside reverse transcriptase inhibitors. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 2535-41 | 3.4 | 11 |
| 105 | A Novel and Convenient Synthesis of Coenzyme Q1. *Synthetic Communications*, **2004**, 34, 4049-4053 | 1.7 | 11 |
| 104 | Chloramphenicol base chemistry. Part 10 1 : Asymmetric synthesis of □ -hydroxy chiral alcohols via intramolecular Michael additions of □hydroxy- □ , □unsaturated enones with chloramphenicol base derived bifunctional urea organocatalysts. *Tetrahedron*, **2017**, 73, 2793-2800 | 2.4 | 10 |
| 103 | Organocatalytic Asymmetric Vinylogous Michael Addition of 3-(2-Oxoindolin-3-ylidene)butanoates to Nitroalkenes Catalyzed by a Bifunctional Cinchona-Based Squaramide. *Asian Journal of Organic Chemistry*, **2015**, 4, 619-621 | 3 | 10 |
| 102 | Enantioselective Total Syntheses of (-)-20-epi-Vincamine and (-)-20-epi-Eburnamonine by Ir-Catalyzed Asymmetric Imine Hydrogenation/Lactamization Cascade. *Chemistry - A European Journal*, **2020**, 26, 10439-10443 | 4.8 | 10 |
| 101 | Squaramide-Linked Chloramphenicol Base Hybrid Catalysts for the Asymmetric Michael Addition of 2,3-Dihydrobenzofuran-2-carboxylates to Nitroolefins. *European Journal of Organic Chemistry*, **2018** , 2018, 99-103 | 3.2 | 10 |
| 100 | Synthesis and biological evaluation of DAPY-DPEs hybrids as non-nucleoside inhibitors of HIV-1 reverse transcriptase. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 624-31 | 3.4 | 10 |
| 99 | A CONVENIENT AND EFFICIENT ASYMMETRIC SYNTHESIS OF (S)-□-ARYLTHIOMETHYL-□-HYDROXYBUTYRIC ACID ESTERS. *Organic Preparations and Procedures International*, **2005**, 37, 184-188 | 1.1 | 10 |
| 98 | Synergistic Pd/Cu catalysis for stereoselective allylation of vinylethylene carbonates with glycine iminoesters: Enantioselective access to diverse trisubstituted allylic amino acid derivatives. *Green Synthesis and Catalysis*, **2021**, 2, 228-232 | 9.3 | 10 |
| 97 | The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. *Angewandte Chemie*, **2017**, 129, 3915-3919 | 3.6 | 9 |
| 96 | Synthesis and biological evaluation of dihydroquinazoline-2-amines as potent non-nucleoside reverse transcriptase inhibitors of wild-type and mutant HIV-1 strains. *European Journal of Medicinal Chemistry*, **2019**, 176, 11-20 | 6.8 | 9 |
| 95 | Recent progress in HIV-1 inhibitors targeting the entrance channel of HIV-1 non-nucleoside reverse transcriptase inhibitor binding pocket. *European Journal of Medicinal Chemistry*, **2019**, 174, 277-291 | 6.8 | 9 |
| 94 | Palladium-Catalyzed Regio- and Stereoselective Cross-Coupling of Vinylethylene Carbonates with Ketimine Esters to Generate ()-Tri- and Tetra-substituted Allylic Amino Acid Derivatives. *Organic Letters*, **2020**, 22, 4135-4140 | 6.2 | 9 |
| 93 | An improved process for chiron synthesis of the atorvastatin side chain. *Tetrahedron: Asymmetry*, **2014**, 25, 1205-1208 | | 9 |
| 92 | Chloramphenicol base chemistry. Part 11: 1 chloramphenicol base-derived thiourea-catalyzed enantioselective Michael addition of malononitrile to □ , □unsaturated ketones. *Tetrahedron: Asymmetry*, **2017**, 28, 921-929 | | 9 |
| 91 | A Novel and Practical Synthesis of 2-Amino-5-hydroxypropiophenone. *Organic Preparations and Procedures International*, **2009**, 41, 423-427 | 1.1 | 9 |
| 90 | Synthetic Studies on Coenzyme Q10. *Helvetica Chimica Acta*, **2005**, 88, 2575-2581 | 2 | 9 |
| 89 | Asymmetric Synthesis of Atorvastatin Calcium through Intramolecular Oxidative Oxygen-Nucleophilic Bromocyclization. *European Journal of Organic Chemistry*, **2017**, 2017, 3681-3688 | 3.2 | 8 |

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| 88 | Structural modification of diarylpyrimidine derivatives as HIV-1 reverse transcriptase inhibitors. *Medicinal Chemistry Research*, **2015**, 24, 220-225 | 2.2 | 8 |
| 87 | Privileged scaffold inspired design of novel oxime-biphenyl-DAPYs in treatment of HIV-1. *Bioorganic Chemistry*, **2020**, 99, 103825 | 5.1 | 8 |
| 86 | Stereocontrolled synthesis of rosuvastatin calcium via iodine chloride-induced intramolecular cyclization. *Organic and Biomolecular Chemistry*, **2016**, 14, 1363-9 | 3.9 | 8 |
| 85 | Design strategies for long-acting anti-HIV pharmaceuticals. *Current Opinion in Pharmacology*, **2020**, 54, 158-165 | 5.1 | 8 |
| 84 | Transition metal-catalyzed branch-selective hydroformylation of olefins in organic synthesis. *Green Synthesis and Catalysis*, **2021**, 2, 247-266 | 9.3 | 8 |
| 83 | Diastereoselective synthesis of pitavastatin calcium via bismuth-catalyzed two-component hemiacetal/oxa-Michael addition reaction. *Organic and Biomolecular Chemistry*, **2015**, 13, 9813-9 | 3.9 | 7 |
| 82 | Identification of an Ene Reductase from Yeast Kluyveromyces Marxianus and Application in the Asymmetric Synthesis of (R)-Profen Esters. *Asian Journal of Organic Chemistry*, **2018**, 7, 763-769 | 3 | 7 |
| 81 | Asymmetric catalytic anhydride openings via carbon-based nucleophiles. *Chinese Chemical Letters*, **2014**, 25, 1-8 | 8.1 | 7 |
| 80 | Asymmetric Aldol Reactions of Heterocyclic Dienolsilanes and □,□Unsaturated Carbonyl Derived Dienolsilanes. *Synthesis*, **2012**, 44, 2506-2514 | 2.9 | 7 |
| 79 | Synthetic Studies on Coenzyme Q10. Part 2. *Helvetica Chimica Acta*, **2006**, 89, 1317-1321 | 2 | 7 |
| 78 | Development of a Practical, Biocatalytic Synthesis of tert-Butyl (R)-3-Hydroxyl-5-hexenoate: A Key Intermediate to the Statin Side Chain. *Organic Process Research and Development*, **2020**, 24, 1700-1706 | 3.9 | 7 |
| 77 | Application of Ketoreductase in Asymmetric Synthesis of Pharmaceuticals and Bioactive Molecules: An Update (2018-2020). *Chemical Record*, **2021**, 21, 1611-1630 | 6.6 | 7 |
| 76 | Design and enantioselective synthesis of 3-(□-acrylic acid) benzoxaboroles to combat carbapenemase resistance. *Chemical Communications*, **2021**, 57, 7709-7712 | 5.8 | 7 |
| 75 | Access to chiral □-substituted-□hydroxy arylphosphonates enabled by biocatalytic dynamic reductive kinetic resolution. *Organic and Biomolecular Chemistry*, **2020**, 18, 2672-2677 | 3.9 | 6 |
| 74 | Asymmetric Synthesis of a Key Dextromethorphan Intermediate and Its Analogues Enabled by a New Cyclohexylamine Oxidase: Enzyme Discovery, Reaction Development, and Mechanistic Insight. *Journal of Organic Chemistry*, **2020**, 85, 5598-5614 | 4.2 | 6 |
| 73 | Bioisosterism-based design and enantiomeric profiling of chiral hydroxyl-substituted biphenyl-diarylpyrimidine nonnucleoside HIV-1 reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 202, 112549 | 6.8 | 6 |
| 72 | Design and synthesis of a new series of cyclopropylamino-linking diarylpyrimidines as HIV non-nucleoside reverse transcriptase inhibitors. *European Journal of Pharmaceutical Sciences*, **2014**, 62, 334-41 | 5.1 | 6 |
| 71 | Substrate stereocontrol in bromine-induced intermolecular cyclization: asymmetric synthesis of pitavastatin calcium. *Tetrahedron*, **2015**, 71, 4730-4737 | 2.4 | 6 |

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| 70 | An Improved Convergent Strategy for the Synthesis of Oligoprenols. *Helvetica Chimica Acta*, **2008**, 91, 1967-1974 | 2 | 6 |
| 69 | Practical and Phase Transfer□Catalyzed Synthesis of 6-Methoxytryptamine. *Synthetic Communications*, **2006**, 36, 1515-1519 | 1.7 | 6 |
| 68 | Pharmacophore-fusing design of pyrimidine sulfonylacetanilides as potent non-nucleoside inhibitors of HIV-1 reverse transcriptase. *Bioorganic Chemistry*, **2020**, 96, 103595 | 5.1 | 6 |
| 67 | Unified Strategy to Amphenicol Antibiotics: Asymmetric Synthesis of (-)-Chloramphenicol, (-)-Azidamphenicol, and (+)-Thiamphenicol and Its (+)-3-Floride. *Journal of Organic Chemistry*, **2020**, 85, 15360-15367 | 4.2 | 6 |
| 66 | Chiral Syn-1,3-diol Derivatives via a One-Pot Diastereoselective Carboxylation/ Bromocyclization of Homoallylic Alcohols. *IScience*, **2018**, 9, 513-520 | 6.1 | 6 |
| 65 | Synthesis and biological evaluation of new conformationally restricted S-DABO hybrids as non-nucleoside inhibitors of HIV-1 reverse transcriptase. *MedChemComm*, **2014**, 5, 468 | 5 | 5 |
| 64 | Nonnucleoside HIV-1 Reverse Transcriptase Inhibitors, Part 4[1]. Synthesis and Anti-HIV Activity of N-1-□Carbonyl-6-naphthyl-methyl Analogues of HEPT. *Monatshefte F□ Chemie*, **2005**, 136, 1233-1245 | 1.4 | 5 |
| 63 | Tetrabutylammonium Peroxydisulfate in Organic Synthesis; VII. a Facile and Efficient Method for the Regeneration of Carbonyl Compounds from Semicarbazones by Tetrabutylammonium Peroxydisulfate. *Synthetic Communications*, **2000**, 30, 2295-2299 | 1.7 | 5 |
| 62 | Structural Modifications of Diarylpyrimidine-quinolone Hybrids as Potent HIV-1 NNRTIs with an Improved Drug Resistance Profile. *Current Pharmaceutical Design*, **2016**, 22, 6982-6987 | 3.3 | 5 |
| 61 | TfOH-Catalyzed N-H Insertion of □-Substituted-□-Diazoesters with Anilines Provides Access to Unnatural □-Amino Esters. *Journal of Organic Chemistry*, **2021**, 86, 3223-3231 | 4.2 | 5 |
| 60 | Design of the naphthyl-diarylpyrimidines as potent non-nucleoside reverse transcriptase inhibitors (NNRTIs) via structure-based extension into the entrance channel. *European Journal of Medicinal Chemistry*, **2021**, 226, 113868 | 6.8 | 5 |
| 59 | Recent Advances of Pharmaceutical Process Chemistry and Its Innovation in China: Part 1. *Pharmaceutical Fronts*, **2020**, 02, e28-e54 | 0.7 | 4 |
| 58 | Staging research of human lung cancer tissues by high-resolution magic angle spinning proton nuclear magnetic resonance spectroscopy (HRMAS H NMR) and multivariate data analysis. *Asia-Pacific Journal of Clinical Oncology*, **2017**, 13, e232-e238 | 1.9 | 4 |
| 57 | Asymmetric Amination of 3-(2-Oxoindolin-3-ylidene)butanoates Catalyzed by a Cinchona-Derived Alkaloid. *Asian Journal of Organic Chemistry*, **2015**, 4, 1044-1046 | 3 | 4 |
| 56 | Synthetic Studies on Camptothecins. Part 3. *Helvetica Chimica Acta*, **2010**, 93, 2094-2099 | 2 | 4 |
| 55 | PRACTICAL ROUTE TO A □KETOPHOSPHONATE, A KEY INTERMEDIATE FOR THE TOTAL SYNTHESIS OF 20(S)-CPT AND RELATED ANALOGUES. *Organic Preparations and Procedures International*, **2004**, 36, 331-335 | 1.1 | 4 |
| 54 | A Simple and Convenient Synthesis of HEPT Analogues via a One-Pot Reduction□Sulfenylation Reaction. *Synthetic Communications*, **2004**, 34, 2229-2235 | 1.7 | 4 |
| 53 | Fragment hopping-based discovery of novel sulfinylacetamide-diarylpyrimidines (DAPYs) as HIV-1 nonnucleoside reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 185, 111874 | 6.8 | 4 |

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| 52 | Transition-metal and oxidant-free approach for the synthesis of diverse N-heterocycles by TMSCl activation of isocyanides.. *RSC Advances*, **2020**, 10, 29257-29262 | 3.7 | 4 |
| 51 | TfOH-Catalyzed Cascade C-H Activation/Lactonization of Phenols with □-Aryl-□-diazoesters: Rapid Access to □-Aryl Benzofuranones. *Journal of Organic Chemistry*, **2020**, 85, 14916-14925 | 4.2 | 4 |
| 50 | TfOH-Catalyzed [4 + 1] Annulation of -Quinone Methides with □-Aryl Diazoacetates: Straightforward Access to Highly Functionalized 2,3-Dihydrobenzofurans. *Journal of Organic Chemistry*, **2021**, 86, 7625-7635 | 4.2 | 4 |
| 49 | Catalytic Asymmetric Addition of Diorganozinc Reagents to Pyrazole-4,5-Diones and Indoline-2,3-Diones. *Chemistry - A European Journal*, **2021**, 27, 4302-4306 | 4.8 | 4 |
| 48 | Asymmetric synthesis of (-)-solanidine and (-)-tomatidenol. *Organic and Biomolecular Chemistry*, **2020**, 18, 3169-3176 | 3.9 | 3 |
| 47 | Design of Biphenyl-Substituted Diarylpyrimidines with a Cyanomethyl Linker as HIV-1 NNRTIs via a Molecular Hybridization Strategy. *Molecules*, **2020**, 25, | 4.8 | 3 |
| 46 | Metabolic Profiling of Human Colorectal Cancer Using High Resolution 1H Nuclear Magnetic Resonance Spectroscopy. *Chinese Journal of Chemistry*, **2011**, 29, 2511-2519 | 4.9 | 3 |
| 45 | Unexpected Ring Expansion of the (3aS,6aR)-□Thiolactone Moiety during the Introduction of the (+)-Biotin Side Chain. *Helvetica Chimica Acta*, **2009**, 92, 1445-1449 | 2 | 3 |
| 44 | NMR Studies of a Series of Shikimic Acid Derivatives. *Journal of the Chinese Chemical Society*, **2007**, 54, 1313-1320 | 1.5 | 3 |
| 43 | Hypophosphorous Acid-Iodine: An Efficient and Mild Reagent for Cleavage of N□ Bond. *Synthetic Communications*, **2003**, 33, 2593-2598 | 1.7 | 3 |
| 42 | Palladium-Catalyzed Asymmetric Cross-Coupling Reactions of Cyclobutanols and Unactivated Olefins. *Organic Letters*, **2021**, | 6.2 | 3 |
| 41 | Diastereo- and Enantioselective Mannich/Cyclization Cascade Reaction Access to Chiral Benzothiazolopyrimidine Derivatives. *Chemistry - A European Journal*, **2021**, 27, 6183-6186 | 4.8 | 3 |
| 40 | Catalytic -Selective Nitroaldol Approach to Amphenicol Antibiotics: Evolution of a Unified Asymmetric Synthesis of (-)-Chloramphenicol, (-)-Azidamphenicol, (+)-Thiamphenicol, and (+)-Florfenicol. *Journal of Organic Chemistry*, **2021**, 86, 11557-11570 | 4.2 | 3 |
| 39 | A Formal Synthesis of Camptothecin via a Photocatalytic Decarboxylative Radical Addition. *European Journal of Organic Chemistry*, **2019**, 2019, 6024-6027 | 3.2 | 2 |
| 38 | Highly Enantioselective Methanolysis of Meso-Cyclic Anhydride Mediated by Bifunctional Thiourea Cinchona Alkaloid Derivatives: Access to Asymmetric Total Synthesis of (+)-Biotin. *Journal of Heterocyclic Chemistry*, **2013**, 50, n/a-n/a | 1.9 | 2 |
| 37 | A PRACTICAL PROCEDURE FOR THE SYNTHESIS OF 3-((E)-5-(2,3,4,5-TETRAMETHOXY-6-METHYLPHENYL)-3METHYLPENT-3-ENYL)-2,2-DIMETHYLOXIRANE. *Organic Preparations and Procedures International*, **2004**, 36, 476-479 | 1.1 | 2 |
| 36 | A PRACTICAL SYNTHESIS OF (3a□, 6a□)-1,3-DIBENZYL HEXAHYDRO-1H-THIENO[3,4-d]IMIDAZOL-2(3H)-ONE. *Organic Preparations and Procedures International*, **2001**, 33, 311-313 | 1.1 | 2 |
| 35 | Organocatalytic Asymmetric Domino Oxa-Michael-Mannich-[1,3]-Amino Rearrangement Reaction of -Tosylsalicylimines to □,□Unsaturated Aldehydes by Diarylprolinol Silyl Ethers. *Journal of Organic Chemistry*, **2020**, 85, 4011-4018 | 4.2 | 2 |

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| 34 | Natural Occurrence, Biological Functions, and Analysis of D-Amino Acids. *Pharmaceutical Fronts*, **2020**, 02, e79-e87 | 0.7 | 2 |
| 33 | Time-Economical Synthesis of Diarylacetates Enabled by TfOH-Catalyzed Arylation of □-Aryl-□-Diazoesters with Arenes. *ChemCatChem*, **2021**, 13, 2559-2563 | 5.2 | 2 |
| 32 | Total Synthesis of (-)-Canadine, (-)-Rotundine, (-)-Sinactine, and (-)-Xylopinine Using a Last-Step Enantioselective Ir-Catalyzed Hydrogenation. *Journal of Organic Chemistry*, **2021**, 86, 8143-8153 | 4.2 | 2 |
| 31 | Rh(III)-Catalyzed three-component cascade annulation to produce the -oxopropyl chain of isoquinolone derivatives. *Organic and Biomolecular Chemistry*, **2021**, 19, 561-567 | 3.9 | 2 |
| 30 | Novel amide-functionalized chloramphenicol base bifunctional organocatalysts for enantioselective alcoholysis of -cyclic anhydrides. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 309-317 | 2.5 | 2 |
| 29 | Stereoselective Synthesis of (-)-Verazine and Congeners via a Cascade Ring-Switching Process of Furostan-26-acid. *Organic Letters*, **2020**, 22, 2761-2765 | 6.2 | 1 |
| 28 | Designing Novel Hydrazinecarbothioamides as Potential HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. *Proceedings (mdpi)*, **2017**, 1, 274 | 0.3 | 1 |
| 27 | Development of an Efficient Process for the Decomposition of the Borate Complexes Formed during the Large-Scale Synthesis of (S)-1,2,4-Butanetriol. *Organic Process Research and Development* , **2013**, 17, 1540-1542 | 3.9 | 1 |
| 26 | Synthetic Studies on Coenzyme Q10. Part 3. *Helvetica Chimica Acta*, **2007**, 90, 967-971 | 2 | 1 |
| 25 | Engineered Cyclohexylamine Oxidase with Improved Activity and Stereoselectivity for Asymmetric Synthesis of a Bulky Dextromethorphan Precursor and Its Analogues. *ChemCatChem*, | 5.2 | 1 |
| 24 | The total synthesis of -strempeliopine palladium-catalyzed decarboxylative asymmetric allylic alkylation.. *Chemical Communications*, **2022**, | 5.8 | 1 |
| 23 | Stereoselective total synthesis of (□)-vindeburnol and (□)-16--vindeburnol. *Chemical Communications*, **2021**, 57, 11669-11672 | 5.8 | 1 |
| 22 | Synthesis and evaluation of mycophenolic acid derivatives as potential anti-Toxoplasma gondii agents. *Medicinal Chemistry Research*, **2021**, 30, 2228-2239 | 2.2 | 1 |
| 21 | Enantio- and Diastereoselective Synthesis of Chiral Syn-Aryl □Hydroxy □-Amino Esters via Biocatalytic Dynamic Reductive Kinetic Resolution. *Asian Journal of Organic Chemistry*, **2021**, 10, 1700-1703 | 2 | 1 |
| 20 | Synthesis and Evaluation of Chiral Rhodanine Derivatives Bearing Quinoxalinyl Imidazole Moiety as ALK5 Inhibitors. *Medicinal Chemistry*, **2021**, | 1.8 | 1 |
| 19 | Chemical space exploration of novel naphthyl-carboxamide-diarylpyrimidine derivatives with potent anti-HIV-1 activity. *Bioorganic Chemistry*, **2021**, 111, 104905 | 5.1 | 1 |
| 18 | Continuous-Flow Asymmetric Synthesis of (3R)-3-Hydroxyl-5-hexenoates with Co-Immobilized Ketoreductase and Lactobacillus kefir Dehydrogenase Integrating Greener Inline Microfluidic Liquid□liquid Extractors and Membrane Separators. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8990-9000 | 8.3 | 1 |
| 17 | Palladium(II)-catalyzed aerobic oxidative O-H/C-H isocyanide insertion: facile access to pyrrolo[2,1-][1,4]benzoxazine derivatives. *Organic and Biomolecular Chemistry*, **2021**, 19, 4364-4368 | 3.9 | 1 |

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|---|---|---|---|
| 16 | Stereoselective Synthesis of (Z)-Dihomoallylic Phosphonates with Quaternary Carbon Center by Palladium-Catalyzed Bisallylation of Vinylethyene Carbonates with β-Ketophosphonates. *Asian Journal of Organic Chemistry*, **2021**, 10, 757-761 | 3 | 1 |
| 15 | Fully Continuous Flow Synthesis of 3-Chloro-4-oxopentyl Acetate: An Important Intermediate for Vitamin B1. *Organic Process Research and Development*, **2021**, 25, 2020-2028 | 3.9 | 1 |
| 14 | Chloramphenicol Base: A New Privileged Chiral Scaffold in Asymmetric Catalysis. *ChemCatChem*, **2019**, 11, 2043-2053 | 5.2 | 0 |
| 13 | Experimental and Numerical Studies of the Phase-Transfer-Catalyzed Wittig Reaction in Liquid–Liquid Slug-Flow Microchannels. *Industrial & Engineering Chemistry Research*, **2020**, 59, 4397-4410 | 3.9 | 0 |
| 12 | A NOVEL AND SIMPLE SYNTHESIS OF (1S, 2S)-2-AMINO-l-(p-NITROPHENYL)-3-TRITYLOXYPROPANOL. *Organic Preparations and Procedures International*, **2004**, 36, 164-166 | 1.1 | 0 |
| 11 | Continuous flow technology-a tool for safer oxidation chemistry. *Reaction Chemistry and Engineering*, | 4.9 | 0 |
| 10 | Structure-Based design of Marine-derived Meridianin C derivatives as glycogen synthase kinase 3β inhibitors with improved oral bioavailability: From aminopyrimidyl-indoles to the sulfonyl analogues.. *Bioorganic Chemistry*, **2021**, 119, 105537 | 5.1 | 0 |
| 9 | Fully Continuous Flow Synthesis of 5-(Aminomethyl)-2-methylpyrimidin-4-amine: A Key Intermediate of Vitamin B1. *Organic Process Research and Development*, **2021**, 25, 2331-2337 | 3.9 | 0 |
| 8 | Linear Selective Hydroformylation of 2-Arylpropenes Using Water-Soluble Rh-PNP Complex: Straightforward Access to 3-Aryl-Butyraldehydes. *ChemCatChem*, | 5.2 | 0 |
| 7 | Palladium-Catalyzed Allylation of Vinylethylene Carbonates with β-Ketophosphonates: Stereoselective Synthesis of (Z)-Homoallylic Phosphonates. *ChemCatChem*, **2021**, 13, 1753-1762 | 5.2 | 0 |
| 6 | Small-molecule MDM2 inhibitors in clinical trials for cancer therapy.. *European Journal of Medicinal Chemistry*, **2022**, 236, 114334 | 6.8 | 0 |
| 5 | Recent progress in solid-phase total synthesis of naturally occurring small peptides. *Advanced Synthesis and Catalysis*, | 5.6 | 0 |
| 4 | Innentitelbild: The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN (Angew. Chem. 14/2017). *Angewandte Chemie*, **2017**, 129, 3780-3780 | 3.6 | |
| 3 | A novel synthetic route to 7-MAC from 7-ACA. *Journal of the Iranian Chemical Society*, **2016**, 13, 1019-1025 | 2 | |
| 2 | Discovery of Biphenyl-Substituted Diarylpyrimidines as New Non-Nucleoside HIV-1 Reverse Transcripttase Inhibitors. *Proceedings (mdpi)*, **2017**, 1, 220 | 0.3 | |
| 1 | Tetrabutylammonium Peroxydisulfate in Organic Synthesis. Part 8.1 An Efficient and Convenient Nickel-catalyzed Oxidation of Primary Amines to Nitriles with Tetrabutylammonium Peroxydisulfate. *Journal of Chemical Research*, **1999**, 23, 726-727 | 0.6 | |