Fen-Er Chen

List of Publications by Year
in descending order

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156 papers	2,838 citations	201575 27 h-index	315616 38 g-index
158 all docs	158 docs citations	158 times ranked	1633 citing authors

#	Article	IF	Citations
1	Linker optimization of HEPT derivatives as potent non-nucleoside HIV-1 reverse transcriptase inhibitors: From S=O to CHOR. Chinese Chemical Letters, 2023, 34, 107663.	4.8	2
2	Synthesis of rac-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>Î±</mml:mi></mml:math>-aryl propionaldehydes via branched-selective hydroformylation of terminal arylalkenes using water-soluble Rh-PNP catalyst. Chinese Chemical Letters, 2022, 33, 830-834.	4.8	8
3	The total synthesis of (<scp>â^'</scp>)-strempeliopine via palladium-catalyzed decarboxylative asymmetric allylic alkylation. Chemical Communications, 2022, 58, 1402-1405.	2.2	6
4	Room-temperature Pd-catalyzed methoxycarbonylation of terminal alkynes with high branched selectivity enabled by bisphosphine-picolinamide ligand. Chemical Communications, 2022, 58, 1041-1044.	2.2	14
5	Discovery of Novel Pyridine-Dimethyl-Phenyl-DAPY Hybrids by Molecular Fusing of Methyl-Pyrimidine-DAPYs and Difluoro-Pyridinyl-DAPYs: Improving the Druggability toward High Inhibitory Activity, Solubility, Safety, and PK. Journal of Medicinal Chemistry, 2022, 65, 2122-2138.	2.9	10
6	Diastereo- and Enantioselective Synthesis of Borylated 3-Hydroxyoxindoles by Addition of gem-Diborylalkanes to Isatins. Organic Letters, 2022, 24, 791-796.	2.4	5
7	Continuous flow technology-a tool for safer oxidation chemistry. Reaction Chemistry and Engineering, 2022, 7, 490-550.	1.9	25
8	Robust, scalable construction of an electrophilic deuterated methylthiolating reagent: facile access to SCD₃-containing scaffolds. Chemical Communications, 2022, 58, 3015-3018.	2.2	20
9	Engineered Cyclohexylamine Oxidase with Improved Activity and Stereoselectivity for Asymmetric Synthesis of a Bulky Dextromethorphan Precursor and Its Analogues. ChemCatChem, 2022, 14, .	1.8	3
10	Ligand-enabled palladium-catalyzed hydroesterification of vinyl arenes with high linear selectivity to access 3-arylpropanoate esters. Chemical Communications, 2022, 58, 3921-3924.	2.2	9
11	Asymmetric total synthesis of (+)-(2R,4â€²R,8â€²R)-Î±-tocopherol enabled by enzymatic desymmetrization. Organic and Biomolecular Chemistry, 2022, 20, 2909-2921.	1.5	0
12	One-Pot Synthesis of Cyclopentenols from Vinylethylene Carbonates via Palladium-Catalyzed Decarboxylative Allylation and Cascade Oxidation-Cyclization. Bulletin of the Chemical Society of Japan, 2022, 95, 634-638.	2.0	5
13	Synergistic Pd/Cu Catalyzed Allylation of Cyclic Ketimine Esters with Vinylethylene Carbonates: Enantioselective Construction of Trisubstituted Allylic 2Hâ€Pyrrole Derivatives. Advanced Synthesis and Catalysis, 2022, 364, 1849-1854.	2.1	8
14	Development of a Fully Continuousâ€Flow Approach Towards Asymmetric Total Synthesis of Tetrahydroprotoberberine Natural Alkaloids. Chemistry - A European Journal, 2022, 28, .	1.7	7
15	Stereoselective Total Syntheses of C18-Oxo Eburnamine-Vincamine Alkaloids. Organic Letters, 2022, 24, 2409-2413.	2.4	5
16	Development of an engineered ketoreductase with improved activity, stereoselectivity and relieved substrate inhibition for enantioselective synthesis of a key (R)-Î±-lipoic acid precursor. Molecular Catalysis, 2022, 522, 112208.	1.0	5
17	Palladium-Catalyzed Asymmetric [3 + 2] Annulation of Vinylethylene Carbonates with Alkenes Installed on Cyclic N-Sulfonyl Imines: Highly Enantio- and Diastereoselective Construction of Chiral Tetrahydrofuran Scaffolds Bearing Three Vicinal and Quaternary Stereocenters. Journal of Organic Chemistry, 2022, 87, 5166-5177.	1.7	9
18	Copper-Catalyzed Ullmann-Type Coupling and Decarboxylation Cascade of Arylhalides with Malonates to Access Î±-Aryl Esters. Organic Letters, 2022, 24, 115-120.	2.4	16

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19	Palladium-catalyzed base- and solvent-controlled chemoselective allylation of amino acids with allylic carbonates. Chinese Chemical Letters, 2022, 33, 4850-4855.	4.8	11
20	Asymmetric total synthesis of prostaglandin C₂ TBS ether. Chemical Communications, 2022, 58, 6000-6003.	2.2	3
21	TfOH-catalyzed regioselective N²-alkylation of indazoles with diazo compounds. Chemical Communications, 2022, 58, 6429-6432.	2.2	11
22	Atom- and step-economic 1,3-thiosulfonylation of activated allenes with thiosulfonates to access vinyl sulfones/sulfides. Chemical Communications, 2022, 58, 6765-6768.	2.2	11
23	Concise syntheses of 13-methylprotoberberine and 13-methyltetrahydroprotoberberine alkaloids. Chinese Chemical Letters, 2022, 33, 5080-5083.	4.8	4
24	Unified total synthesis of eburnamine-vincamine indole alkaloids based on catalytic asymmetric hydrogenation/lactamization cascade. Green Synthesis and Catalysis, 2022, 3, 291-293.	3.7	5
25	Asymmetric Synthesis of Spirooxazolidinone Oxindoles by the Thioureaâ€Catalyzed Aldol Reaction of 2â€isocyanatomalonate Diesters. Advanced Synthesis and Catalysis, 2022, 364, 2067-2071.	2.1	2
26	Recent Progress in Solidâ€Phase Total Synthesis of Naturally Occurring Small Peptides. Advanced Synthesis and Catalysis, 2022, 364, 1934-1961.	2.1	10
27	Highly diastereo- and enantioselective synthesis of multisubstituted allylic amino acid derivatives by allylic alkylation of a chiral glycine-based nickel complex and vinylethylene carbonates. Organic and Biomolecular Chemistry, 2022, 20, 4894-4899.	1.5	3
28	Water-soluble diphosphine ligands for rhodium-catalyzed branch-selective hydroaminomethylation of vinyl arenes with anilines in water. Green Chemistry, 2022, 24, 4420-4424.	4.6	9
29	Recent advances using cyclopropanols and cyclobutanols in ring-opening asymmetric synthesis. Green Synthesis and Catalysis, 2022, 3, 219-226.	3.7	19
30	Structure-Based Discovery of Novel NH₂-Biphenyl-Diarylpyrimidines as Potent Non-Nucleoside Reverse Transcriptase Inhibitors with Significantly Improved Safety: From NH₂-Naphthyl-Diarylpyrimidine to NH₂-Biphenyl-Diarylpyrimidine. Journal of Medicinal Chemistry, 2022, 65, 8478-8492.	2.9	4
31	Expansion of the Sâ€“CN-DABO scaffold to exploit the impact on inhibitory activities against the non-nucleoside HIV-1 reverse transcriptase. European Journal of Medicinal Chemistry, 2022, 238, 114512.	2.6	3
32	Structure-Based design of [(2-Hydroxyethoxy)methyl]-6-(phenylthio)-thymine derivatives as nonnucleoside HIV-1 reverse transcriptase Inhibitors: From HEPTs to Sulfinyl-substituted HEPTs. Bioorganic Chemistry, 2022, 126, 105880.	2.0	2
33	Continuous-flow synthesis of N,Nâ€²-bis(2,2,6,6-tetramethyl-4-piperidinyl)-1,6-hexanediamine (DTMPA) in a Micro fixed-bed reactor. Journal of Flow Chemistry, 2022, 12, 419-427.	1.2	3
34	Discovery of novel biphenyl-substituted pyridone derivatives as potent non-nucleoside reverse transcriptase inhibitors with promising oral bioavailability. European Journal of Medicinal Chemistry, 2022, 240, 114581.	2.6	5
35	Structure-based linker optimization of 6-(2-cyclohexyl-1-alkyl)-2-(2-oxo-2-phenylethylsulfanyl)pyrimidin-4(3H)-ones as potent non-nucleoside HIV-1 reverse transcriptase inhibitors. Chinese Chemical Letters, 2021, 32, 1020-1024.	4.8	7
36	Rh(<scp>iii</scp>)-Catalyzed three-component cascade annulation to produce the N-oxopropyl chain of isoquinolone derivatives. Organic and Biomolecular Chemistry, 2021, 19, 561-567.	1.5	8

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37	Recent Advances in Asymmetric Organomulticatalysis. Advanced Synthesis and Catalysis, 2021, 363, 352-387.	2.1	37
38	A unified strategy to prostaglandins: chemoenzymatic total synthesis of cloprostenol, bimatoprost, PGF_{2Î±}, fluprostenol, and travoprost guided by biocatalytic retrosynthesis. Chemical Science, 2021, 12, 10362-10370.	3.7	18
39	Palladium(<scp>ii</scp>)-catalyzed aerobic oxidative Oâ€“H/Câ€“H isocyanide insertion: facile access to pyrrolo[2,1-c][1,4]benzoxazine derivatives. Organic and Biomolecular Chemistry, 2021, 19, 4364-4368.	1.5	3
40	Druggability modification strategies of the diarylpyrimidineâ€type nonâ€nucleoside reverse transcriptase inhibitors. Medicinal Research Reviews, 2021, 41, 1255-1290.	5.0	24
41	Catalytic Asymmetric Addition of Diorganozinc Reagents to Pyrazoleâ€4,5â€Diones and Indolineâ€2,3â€Diones. Chemistry - A European Journal, 2021, 27, 4302-4306.	1.7	11
42	Carbon dioxide cycle via electrocatalysis: Electrochemical carboxylation of CO2 and decarboxylative functionalization of carboxylic acids. Green Synthesis and Catalysis, 2021, 2, 19-26.	3.7	91
43	Palladiumâ€Catalyzed Allylation of Vinylethylene Carbonates with Î²â€Ketophosphonates: Stereoselective Synthesis of (Z)â€Homoallylic Phosphonates. ChemCatChem, 2021, 13, 1753-1762.	1.8	12
44	Stereoselective Synthesis of (Z)â€Dihomoallylic Phosphonates with Quaternary Carbon Center by Palladiumâ€Catalyzed Bisallylation of Vinylethyene Carbonates with Î²â€Ketophosphonates. Asian Journal of Organic Chemistry, 2021, 10, 757-761.	1.3	8
45	Timeâ€Economical Synthesis of Diarylacetates Enabled by TfOHâ€Catalyzed Arylation of Î±â€Arylâ€Î±â€Diazoesters with Arenes. ChemCatChem, 2021, 13, 2559-2563.	1.8	11
46	Application of Ketoreductase in Asymmetric Synthesis of Pharmaceuticals and Bioactive Molecules: An Update (2018â€“2020). Chemical Record, 2021, 21, 1611-1630.	2.9	40
47	Hydrophobic Pocket Occupation Design of Difluoro-Biphenyl-Diarylpyrimidines as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors: from N-Alkylation to Methyl Hopping on the Pyrimidine Ring. Journal of Medicinal Chemistry, 2021, 64, 5067-5081.	2.9	12
48	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.	3.7	37
49	TfOH-Catalyzed [4 + 1] Annulation of p-Quinone Methides with Î±-Aryl Diazoacetates: Straightforward Access to Highly Functionalized 2,3-Dihydrobenzofurans. Journal of Organic Chemistry, 2021, 86, 7625-7635.	1.7	20
50	Enantioâ€and Diastereoselective Synthesis of Chiral Syn â€Aryl Î²â€Hydroxy Î±â€Amino Esters via Biocatalytic Dynamic Reductive Kinetic Resolution. Asian Journal of Organic Chemistry, 2021, 10, 1700-1703.	1.3	3
51	Total Synthesis of (â^')-Canadine, (â^')-Rotundine, (â^')-Sinactine, and (â^')-Xylopinine Using a Last-Step Enantioselective Ir-Catalyzed Hydrogenation. Journal of Organic Chemistry, 2021, 86, 8143-8153.	1.7	10
52	Chemical space exploration of novel naphthyl-carboxamide-diarylpyrimidine derivatives with potent anti-HIV-1 activity. Bioorganic Chemistry, 2021, 111, 104905.	2.0	3
53	Continuous-Flow Asymmetric Synthesis of (3R)-3-Hydroxyl-5-hexenoates with Co-Immobilized Ketoreductase and Lactobacillus kefir Dehydrogenase Integrating Greener Inline Microfluidic Liquidâ€“Liquid Extractors and Membrane Separators. ACS Sustainable Chemistry and Engineering, 2021, 9, 8990-9000.	3.2	15
54	Improving Druggability of Novel Diarylpyrimidine NNRTIs by a Fragment-Based Replacement Strategy: From Biphenyl-DAPYs to Heteroaromatic-Biphenyl-DAPYs. Journal of Medicinal Chemistry, 2021, 64, 10297-10311.	2.9	15

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55	Phosphorus coordinated Rh single-atom sites on nanodiamond as highly regioselective catalyst for hydroformylation of olefins. Nature Communications, 2021, 12, 4698.	5.8	78
56	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.	1.3	7
57	Catalytic Syn-Selective Nitroaldol Approach to Amphenicol Antibiotics: Evolution of a Unified Asymmetric Synthesis of (â˜)-Chloramphenicol, (â˜)-Azidamphenicol, (+)-Thiamphenicol, and (+)-Florfenicol. Journal of Organic Chemistry, 2021, 86, 11557-11570.	1.7	17
58	Transition metal-catalyzed branch-selective hydroformylation of olefins in organic synthesis. Green Synthesis and Catalysis, 2021, 2, 247-266.	3.7	42
59	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.	2.6	10
60	TfOH-Catalyzed Nâ€“H Insertion of Î±-Substituted-Î±-Diazoesters with Anilines Provides Access to Unnatural Î±-Amino Esters. Journal of Organic Chemistry, 2021, 86, 3223-3231.	1.7	16
61	Stereoselective total synthesis of (Â±)-vindeburnol and (Â±)-16-epi-vindeburnol. Chemical Communications, 2021, 57, 11669-11672.	2.2	5
62	Nickel-catalyzed cyclization of 1,7-enynes for the selective synthesis of dihydrocyclobuta[c]quinolin-3-ones and benzo[b]azocin-2-ones. Chemical Communications, 2021, 57, 11657-11660.	2.2	6
63	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.	1.3	9
64	Linear Selective Hydroformylation of 2â€Arylpropenes Using Waterâ€Soluble Rhâ€PNP Complex: Straightforward Access to 3â€Arylâ€Butyraldehydes. ChemCatChem, 2021, 13, 5073-5077.	1.8	3
65	Palladium-Catalyzed Asymmetric Cross-Coupling Reactions of Cyclobutanols and Unactivated Olefins. Organic Letters, 2021, 23, 9520-9525.	2.4	15
66	Small-Molecule Inhibitors of Necroptosis: Current Status and Perspectives. Journal of Medicinal Chemistry, 2020, 63, 1490-1510.	2.9	56
67	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.	1.8	26
68	Fragment hopping-based discovery of novel sulfinylacetamide-diarylpyrimidines (DAPYs) as HIV-1 nonnucleoside reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2020, 185, 111874.	2.6	9
69	Indazolyl-substituted piperidin-4-yl-aminopyrimidines as HIV-1 NNRTIs: Design, synthesis and biological activities. European Journal of Medicinal Chemistry, 2020, 186, 111864.	2.6	21
70	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.	5.7	29
71	Fragment-based discovery of sulfur-containing diarylbenzopyrimidines as novel nonnucleoside reverse transcriptase inhibitors. Chinese Chemical Letters, 2020, 31, 764-768.	4.8	25
72	Organocatalytic Asymmetric Domino Oxa-Michaelâ€“Mannich-[1,3]-Amino Rearrangement Reaction of N-Tosylsalicylimines to Î±,Î²-Unsaturated Aldehydes by Diarylprolinol Silyl Ethers. Journal of Organic Chemistry, 2020, 85, 4011-4018.	1.7	8

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73	Development of non-nucleoside reverse transcriptase inhibitors (NNRTIs): our past twenty years. Acta Pharmaceutica Sinica B, 2020, 10, 961-978.	5.7	79
74	Transition-metal catalyzed asymmetric reactions under continuous flow from 2015 to early 2020. Green Synthesis and Catalysis, 2020, 1, 121-133.	3.7	70
75	Unified Strategy to Amphenicol Antibiotics: Asymmetric Synthesis of (â˜)-Chloramphenicol, (â˜)-Azidamphenicol, and (+)-Thiamphenicol and Its (+)-3-Floride. Journal of Organic Chemistry, 2020, 85, 15360-15367.	1.7	13
76	Design strategies for long-acting anti-HIV pharmaceuticals. Current Opinion in Pharmacology, 2020, 54, 158-165.	1.7	12
77	Transition-metal and oxidant-free approach for the synthesis of diverse N-heterocycles by TMSCl activation of isocyanides. RSC Advances, 2020, 10, 29257-29262.	1.7	10
78	Asymmetric catalytic hydrogenation of imines and enamines in natural product synthesis. Green Synthesis and Catalysis, 2020, 1, 26-41.	3.7	76
79	Asymmetric catalysis in synthetic strategies for chiral benzothiazepines. Green Synthesis and Catalysis, 2020, 1, 12-25.	3.7	37
80	TfOH-Catalyzed Cascade Câ€“H Activation/Lactonization of Phenols with Î±-Aryl-Î±-diazoesters: Rapid Access to Î±-Aryl Benzofuranones. Journal of Organic Chemistry, 2020, 85, 14916-14925.	1.7	11
81	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.	1.3	12
82	Palladium-Catalyzed Regio- and Stereoselective Cross-Coupling of Vinylethylene Carbonates with Ketimine Esters to Generate (Z)-Tri- and Tetra-substituted Allylic Amino Acid Derivatives. Organic Letters, 2020, 22, 4135-4140.	2.4	27
83	Enantioselective Total Syntheses of (â˜)â€20â€epiâ€Vincamine and (â˜)â€20â€epiâ€Eburnamonine by Irâ€Catalyzed Asymmetric Imine Hydrogenation/Lactamization Cascade. Chemistry - A European Journal, 2020, 26, 10439-10443.	1.7	17
84	Asymmetric Alkynylation of Cyclic Nâ€Sulfonyl Imines using Synergistic Chiral Phosphoric Acid/Copper Catalysis. Advanced Synthesis and Catalysis, 2020, 362, 3202-3207.	2.1	11
85	Access to chiral Î±-substituted-Î²-hydroxy arylphosphonates enabled by biocatalytic dynamic reductive kinetic resolution. Organic and Biomolecular Chemistry, 2020, 18, 2672-2677.	1.5	9
86	Stereoselective Synthesis of (â˜)-Verazine and Congeners via a Cascade Ring-Switching Process of Furostan-26-acid. Organic Letters, 2020, 22, 2761-2765.	2.4	2
87	Specific Z-Selectivity in the Oxidative Isomerization of Allyl Ethers to Generate Geometrically Defined Z-Enol Ethers Using a Cobalt(II)(salen) Complex Catalyst. Journal of Organic Chemistry, 2020, 85, 5321-5329.	1.7	24
88	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.	1.7	9
89	Asymmetric synthesis of (â˜)-solanidine and (â˜)-tomatidenol. Organic and Biomolecular Chemistry, 2020, 18, 3169-3176.	1.5	7
90	Design of Biphenyl-Substituted Diarylpyrimidines with a Cyanomethyl Linker as HIV-1 NNRTIs via a Molecular Hybridization Strategy. Molecules, 2020, 25, 1050.	1.7	11

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91	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.	2.6	13
92	Experimental and Numerical Studies of the Phase-Transfer-Catalyzed Wittig Reaction in Liquidâ€“Liquid Slug-Flow Microchannels. Industrial & Engineering Chemistry Research, 2020, 59, 4397-4410.	1.8	7
93	Asymmetric catalysis in direct nitromethane-free Henry reactions. RSC Advances, 2020, 10, 2313-2326.	1.7	28
94	Privileged scaffold inspired design of novel oxime-biphenyl-DAPYs in treatment of HIV-1. Bioorganic Chemistry, 2020, 99, 103825.	2.0	14
95	Scaffold Hopping in Discovery of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: From CH(CN)-DABOs to CH(CN)-DAPYs. Molecules, 2020, 25, 1581.	1.7	8
96	Pharmacophore-fusing design of pyrimidine sulfonylacetanilides as potent non-nucleoside inhibitors of HIV-1 reverse transcriptase. Bioorganic Chemistry, 2020, 96, 103595.	2.0	11
97	Conformational restriction design of thiophene-biphenyl-DAPY HIV-1 non-nucleoside reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2019, 182, 111603.	2.6	22
98	Direct Synthesis of Substituted (Z)â€Allylic Sulfones by Palladiumâ€Catalyzed Sulfonylation of Vinylethylene Carbonates with Sodium Sulfinates. ChemCatChem, 2019, 11, 4720-4724.	1.8	27
99	Ligand-Based Design of Nondimethylphenyl-Diarylpyrimidines with Improved Metabolic Stability, Safety, and Oral Pharmacokinetic Profiles. Journal of Medicinal Chemistry, 2019, 62, 11430-11436.	2.9	32
100	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.	2.0	21
101	Ketoreductase catalyzed stereoselective bioreduction of Î±-nitro ketones. Organic and Biomolecular Chemistry, 2019, 17, 3575-3580.	1.5	23
102	Access to a Key Building Block for the Prostaglandin Family via Stereocontrolled Organocatalytic Baeyerâ€“Villiger Oxidation. Angewandte Chemie - International Edition, 2019, 58, 9923-9927.	7.2	31
103	The Chapman rearrangement in a continuous-flow microreactor. RSC Advances, 2019, 9, 9270-9280.	1.7	9
104	Chloramphenicol Base: A New Privileged Chiral Scaffold in Asymmetric Catalysis. ChemCatChem, 2019, 11, 2043-2053.	1.8	8
105	Substituent Positionâ€Controlled Stereoselectivity in Enzymatic Reduction of Diarylâ€and Aryl(heteroaryl)methanones. Advanced Synthesis and Catalysis, 2019, 361, 1859-1865.	2.1	17
106	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.	2.6	42
107	Squaramideâ€Linked Chloramphenicol Base Hybrid Catalysts for the Asymmetric Michael Addition of 2,3â€Dihydrobenzofuranâ€2â€carboxylates to Nitroolefins. European Journal of Organic Chemistry, 2018, 2018, 99-103.	1.2	14
108	Chiral Syn-1,3-diol Derivatives via a One-Pot Diastereoselective Carboxylation/ Bromocyclization of Homoallylic Alcohols. IScience, 2018, 9, 513-520.	1.9	8

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109	Development of Novel Chloramphenicol Scaffoldâ€Based Chiral Hydroxyl Oxazoline Ligands and Their Application to the Asymmetric Alkynylation of Isatins. Advanced Synthesis and Catalysis, 2018, 360, 3497-3501.	2.1	24
110	Asymmetric Synthesis of Atorvastatin Calcium through Intramolecular Oxidative Oxygenâ€Nucleophilic Bromocyclization. European Journal of Organic Chemistry, 2017, 2017, 3681-3688.	1.2	11
111	Enantioselective Î² -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.	1.0	21
112	Chloramphenicol base chemistry. Part 10 1 : Asymmetric synthesis of Î± -hydroxy chiral alcohols via intramolecular Michael additions of Î³ -hydroxy- Î± , Î² -unsaturated enones with chloramphenicol base derived bifunctional urea organocatalysts. Tetrahedron, 2017, 73, 2793-2800.	1.0	12
113	Recent advances in asymmetric total synthesis of prostaglandins. Organic and Biomolecular Chemistry, 2017, 15, 6281-6301.	1.5	66
114	Chloramphenicol base chemistry. Part 11: 1 chloramphenicol base-derived thiourea-catalyzed enantioselective Michael addition of malononitrile to Î± , Î² -unsaturated ketones. Tetrahedron: Asymmetry, 2017, 28, 921-929.	1.8	12
115	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.	1.8	17
116	Stereocontrolled synthesis of rosuvastatin calcium via iodine chloride-induced intramolecular cyclization. Organic and Biomolecular Chemistry, 2016, 14, 1363-1369.	1.5	9
117	Catalytic asymmetric transfer hydrogenation/dynamic kinetic resolution: an efficient synthesis of florfenicol. Tetrahedron, 2016, 72, 1787-1793.	1.0	20
118	Stereoselective synthesis of 3-hydroxy-3-methylglutarylâ€“coenzyme A reductase inhibitors. Tetrahedron, 2015, 71, 8487-8510.	1.0	30
119	Hybrid chemistry. Part 4: Discovery of etravirineâ€“VRX-480773 hybrids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 4248-4255.	1.4	25
120	Anti-HIV diarylpyrimidineâ€“quinolone hybrids and their mode of action. Bioorganic and Medicinal Chemistry, 2015, 23, 3860-3868.	1.4	25
121	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.	2.6	23
122	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, 215-222.	2.6	23
123	Structural modification of diarylpyrimidine derivatives as HIV-1 reverse transcriptase inhibitors. Medicinal Chemistry Research, 2015, 24, 220-225.	1.1	11
124	An Efficient Synthesis of Katsube Nitrile: A Key Building Block for Eburnamine-Vincamine Alkaloids. Synthesis, 2014, 46, 1506-1510.	1.2	4
125	Synthesis and biological evaluation of CHX-DAPYs as HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3220-3226.	1.4	16
126	Structural modifications of CH(OH)-DAPYs as new HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 2535-2541.	1.4	12

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127	Synthetic studies on statins. Part 3: A facile synthesis of rosuvastatin calcium through catalytic enantioselective allylation strategy. Tetrahedron, 2014, 70, 5794-5799.	1.0	15
128	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, 2723-2728.	1.7	40
129	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, 600-611.	2.6	28
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