

Fen-Er Chen

List of Publications by Year in descending order

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156
papers

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201674

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#	ARTICLE	IF	CITATIONS
1	Carbon dioxide cycle via electrocatalysis: Electrochemical carboxylation of CO ₂ and decarboxylative functionalization of carboxylic acids. <i>Green Synthesis and Catalysis</i> , 2021, 2, 19-26.	6.8	91
2	Development of non-nucleoside reverse transcriptase inhibitors (NNRTIs): our past twenty years. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 961-978.	12.0	79
3	Phosphorus coordinated Rh single-atom sites on nanodiamond as highly regioselective catalyst for hydroformylation of olefins. <i>Nature Communications</i> , 2021, 12, 4698.	12.8	78
4	Asymmetric catalytic hydrogenation of imines and enamines in natural product synthesis. <i>Green Synthesis and Catalysis</i> , 2020, 1, 26-41.	6.8	76
5	Transition-metal catalyzed asymmetric reactions under continuous flow from 2015 to early 2020. <i>Green Synthesis and Catalysis</i> , 2020, 1, 121-133.	6.8	70
6	Recent advances in asymmetric total synthesis of prostaglandins. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6281-6301.	2.8	66
7	Small-Molecule Inhibitors of Necroptosis: Current Status and Perspectives. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1490-1510.	6.4	56
8	5-Alkyl-2-[(aryl and alkyloxy carbonyl)methyl]thio]-6-(1-naphthylmethyl) pyrimidin-4(3H)-ones as a unique HIV reverse transcriptase inhibitors of S-DABO series. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3173-3176.	2.2	46
9	Synthesis and Anti-HIV-1 Activity Evaluation of 5-Alkyl-2-alkylthio-6-(arylcabonyl or Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1778-1786.	6.4	44
10	Structural Modifications of DAPY Analogues with Potent Anti-HIV-1 Activity. <i>ChemMedChem</i> , 2009, 4, 219-224.	3.2	43
11	Discovery of biphenyl-substituted diarylpyrimidines as non-nucleoside reverse transcriptase inhibitors with high potency against wild-type and mutant HIV-1. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 726-734.	5.5	42
12	Transition metal-catalyzed branch-selective hydroformylation of olefins in organic synthesis. <i>Green Synthesis and Catalysis</i> , 2021, 2, 247-266.	6.8	42
13	Asymmetric Synthesis of the HMG-CoA Reductase Inhibitor Atorvastatin Calcium: An Organocatalytic Anhydride Desymmetrization and Cyanide-Free Side Chain Elongation Approach. <i>Journal of Organic Chemistry</i> , 2014, 79, 2723-2728.	3.2	40
14	Application of Ketoreductase in Asymmetric Synthesis of Pharmaceuticals and Bioactive Molecules: An Update (2018-2020). <i>Chemical Record</i> , 2021, 21, 1611-1630.	5.8	40
15	Asymmetric catalysis in synthetic strategies for chiral benzothiazepines. <i>Green Synthesis and Catalysis</i> , 2020, 1, 12-25.	6.8	37
16	Recent Advances in Asymmetric Organomulticatalysis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 352-387.	4.3	37
17	Synergistic Pd/Cu catalysis for stereoselective allylation of vinyl ethylene carbonates with glycine iminoesters: Enantioselective access to diverse trisubstituted allylic amino acid derivatives. <i>Green Synthesis and Catalysis</i> , 2021, 2, 228-232.	6.8	37
18	Synthesis and anti-HIV activity of 2-naphthyl substituted DAPY analogues as non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4601-4605.	3.0	33

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19	Ligand-Based Design of Nondimethylphenyl-Diarylpyrimidines with Improved Metabolic Stability, Safety, and Oral Pharmacokinetic Profiles. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11430-11436.	6.4	32
20	Hybrid diarylbenzopyrimidine non-nucleoside reverse transcriptase inhibitors as promising new leads for improved anti-HIV-1 chemotherapy. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5039-5047.	3.0	31
21	An efficient enantioselective synthesis of florfenicol via asymmetric aziridination. <i>Tetrahedron</i> , 2011, 67, 9199-9203.	1.9	31
22	Synthesis and Anti-HIV Activity of Aryl-[(4-cyanophenyl)amino]-4-pyrimidinone hydrazones as Potent Non-nucleoside Reverse Transcriptase Inhibitors. <i>ChemMedChem</i> , 2011, 6, 2225-2232.	3.2	31
23	Access to a Key Building Block for the Prostaglandin Family via Stereocontrolled Organocatalytic Baeyer-Villiger Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9923-9927.	13.8	31
24	Stereoselective synthesis of 3-hydroxy-3-methylglutaryl-coenzyme A reductase inhibitors. <i>Tetrahedron</i> , 2015, 71, 8487-8510.	1.9	30
25	Improving the positional adaptability: structure-based design of biphenyl-substituted diaryltriazines as novel non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 344-357.	12.0	29
26	Lead Optimization of Diarylpyrimidines as Non-nucleoside Inhibitors of HIV-1 Reverse Transcriptase. <i>ChemMedChem</i> , 2010, 5, 837-840.	3.2	28
27	Synthesis and biological evaluation of 4-(hydroxyimino)arylmethyl diarylpyrimidine analogues as potential non-nucleoside reverse transcriptase inhibitors against HIV. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2370-2374.	3.0	28
28	Chiral resolution, absolute configuration assignment and biological activity of racemic diarylpyrimidine CH(OH)-DAPY as potent nonnucleoside HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 229-234.	5.5	28
29	Design and synthesis of a new series of modified CH-diarylpyrimidines as drug-resistant HIV non-nucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 600-611.	5.5	28
30	Asymmetric catalysis in direct nitromethane-free Henry reactions. <i>RSC Advances</i> , 2020, 10, 2313-2326.	3.6	28
31	An efficient enantioselective synthesis of florfenicol via a vanadium-catalyzed asymmetric epoxidation. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1337-1341.	1.8	27
32	Dihydro-alkoxyl-benzyl-oxypyrimidine Derivatives (DABOs) As Non-Nucleoside Reverse Transcriptase Inhibitors: An Update Review (2001-2011). <i>Current Medicinal Chemistry</i> , 2012, 19, 152-162.	2.4	27
33	Direct Synthesis of Substituted Allylic Sulfones by Palladium-Catalyzed Sulfonylation of Vinylethylene Carbonates with Sodium Sulfinates. <i>ChemCatChem</i> , 2019, 11, 4720-4724.	3.7	27
34	Palladium-Catalyzed Regio- and Stereoselective Cross-Coupling of Vinylethylene Carbonates with Ketimine Esters to Generate Tri- and Tetra-substituted Allylic Amino Acid Derivatives. <i>Organic Letters</i> , 2020, 22, 4135-4140.	4.6	27
35	Synthesis and structure-activity relationship of novel diarylpyrimidines with hydromethyl linker (CH(OH)-DAPYs) as HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5117-5124.	3.0	26
36	Molecular Hybridization-Inspired Optimization of Diarylbenzopyrimidines as HIV-1 Nonnucleoside Reverse Transcriptase Inhibitors with Improved Activity against K103N and E138K Mutants and Pharmacokinetic Profiles. <i>ACS Infectious Diseases</i> , 2020, 6, 787-801.	3.8	26

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37	Hybrid chemistry. Part 4: Discovery of etravirine-VRX-480773 hybrids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4248-4255.	3.0	25
38	Anti-HIV diarylpyrimidine-quinolone hybrids and their mode of action. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3860-3868.	3.0	25
39	Fragment-based discovery of sulfur-containing diarylbenzopyrimidines as novel nonnucleoside reverse transcriptase inhibitors. <i>Chinese Chemical Letters</i> , 2020, 31, 764-768.	9.0	25
40	Continuous flow technology-a tool for safer oxidation chemistry. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 490-550.	3.7	25
41	Development of Novel Chloramphenicol Scaffold-Based Chiral Hydroxyl Oxazoline Ligands and Their Application to the Asymmetric Alkynylation of Isatins. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3497-3501.	4.3	24
42	Specific Z-Selectivity in the Oxidative Isomerization of Allyl Ethers to Generate Geometrically Defined Z-Enol Ethers Using a Cobalt(II)(salen) Complex Catalyst. <i>Journal of Organic Chemistry</i> , 2020, 85, 5321-5329.	3.2	24
43	Druggability modification strategies of the diarylpyrimidine-type non-nucleoside reverse transcriptase inhibitors. <i>Medicinal Research Reviews</i> , 2021, 41, 1255-1290.	10.5	24
44	Design, synthesis and biological evaluation of cycloalkyl arylpyrimidines (CAPYs) as HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7093-7099.	3.0	23
45	Discovery of piperidin-4-yl-aminopyrimidine derivatives as potent non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 1-9.	5.5	23
46	Pyrimidine sulfonylacetanilides with improved potency against key mutant viruses of HIV-1 by specific targeting of a highly conserved residue. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 215-222.	5.5	23
47	Ketoreductase catalyzed stereoselective bioreduction of β -nitro ketones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3575-3580.	2.8	23
48	Conformational restriction design of thiophene-biphenyl-DAPY HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111603.	5.5	22
49	Synthesis and in vitro anti-HIV evaluation of a new series of 6-arylmethyl-substituted S-DABOs as potential non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1016-1023.	5.5	21
50	Enantioselective β -hydroxy thioesters formation via decarboxylative aldol reactions of malonic acid half thioesters with aldehydes promoted by chloramphenicol derived sulfonamides 1. <i>Tetrahedron</i> , 2017, 73, 5055-5062.	1.9	21
51	Follow on-based optimization of the biphenyl-DAPYs as HIV-1 nonnucleoside reverse transcriptase inhibitors against the wild-type and mutant strains. <i>Bioorganic Chemistry</i> , 2019, 89, 102974.	4.1	21
52	Indazolyl-substituted piperidin-4-yl-aminopyrimidines as HIV-1 NNRTIs: Design, synthesis and biological activities. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111864.	5.5	21
53	Catalytic asymmetric transfer hydrogenation/dynamic kinetic resolution: an efficient synthesis of florfenicol. <i>Tetrahedron</i> , 2016, 72, 1787-1793.	1.9	20
54	TfOH-Catalyzed [4 + 1] Annulation of <i>p</i> -Quinone Methides with β -Aryl Diazoacetates: Straightforward Access to Highly Functionalized 2,3-Dihydrobenzofurans. <i>Journal of Organic Chemistry</i> , 2021, 86, 7625-7635.	3.2	20

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55	Robust, scalable construction of an electrophilic deuterated methylthiolating reagent: facile access to SCD ₃ -containing scaffolds. <i>Chemical Communications</i> , 2022, 58, 3015-3018.	4.1	20
56	Recent advances using cyclopropanols and cyclobutanols in ring-opening asymmetric synthesis. <i>Green Synthesis and Catalysis</i> , 2022, 3, 219-226.	6.8	19
57	Nonnucleoside HIV-1 reverse transcriptase inhibitors; part 3. Synthesis and antiviral activity of 5-alkyl-2-[(aryl and alkyloxyl-carbonylmethyl)thio]-6-(1-naphthylmethyl) pyrimidin-4(3H)-ones. <i>Bioorganic Chemistry</i> , 2004, 32, 536-548.	4.1	18
58	Synthetic Studies on Camptothecins. Part 1. <i>Helvetica Chimica Acta</i> , 2008, 91, 2057-2061.	1.6	18
59	Development of Two Scalable Syntheses of 4-Amino-5-aminomethyl-2-methylpyrimidine: Key Intermediate for Vitamin B ₁ . <i>Organic Process Research and Development</i> , 2012, 16, 57-60.	2.7	18
60	Synthetic studies on statins. Part 1: a short and cyanide-free synthesis of atorvastatin calcium via an enantioselective aldol strategy. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 207-211.	1.8	18
61	A unified strategy to prostaglandins: chemoenzymatic total synthesis of cloprostenol, bimatoprost, PGF ₂ , fluprostenol, and travoprost guided by biocatalytic retrosynthesis. <i>Chemical Science</i> , 2021, 12, 10362-10370.	7.4	18
62	Development of Bifunctional Thiourea Organocatalysts Derived from a Chloramphenicol Base Scaffold and their Use in the Enantioselective Alcoholysis of <i>meso</i> Cyclic Anhydrides. <i>ChemCatChem</i> , 2016, 8, 2249-2253.	3.7	17
63	Substituent Position-Controlled Stereoselectivity in Enzymatic Reduction of Diaryl- and Aryl(heteroaryl)methanones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1859-1865.	4.3	17
64	Enantioselective Total Syntheses of (S)-vincamine and (S)-burnamonine by Ir-Catalyzed Asymmetric Imine Hydrogenation/Lactamization Cascade. <i>Chemistry - A European Journal</i> , 2020, 26, 10439-10443.	3.3	17
65	Catalytic <i>Syn</i> -Selective Nitroaldol Approach to Amphenicol Antibiotics: Evolution of a Unified Asymmetric Synthesis of (S)-Chloramphenicol, (S)-Azidamphenicol, (+)-Thiamphenicol, and (+)-Florfenicol. <i>Journal of Organic Chemistry</i> , 2021, 86, 11557-11570.	3.2	17
66	Synthesis and biological evaluation of CHX-DAPYs as HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3220-3226.	3.0	16
67	TfOH-Catalyzed N-H Insertion of \hat{I} -Substituted \hat{I} -Diazoesters with Anilines Provides Access to Unnatural \hat{I} -Amino Esters. <i>Journal of Organic Chemistry</i> , 2021, 86, 3223-3231.	3.2	16
68	Copper-Catalyzed Ullmann-Type Coupling and Decarboxylation Cascade of Arylhalides with Malonates to Access \hat{I} -Aryl Esters. <i>Organic Letters</i> , 2022, 24, 115-120.	4.6	16
69	Synthesis and biological evaluation of naphthyl phenyl ethers (NPEs) as novel nonnucleoside HIV-1 reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4220-4226.	3.0	15
70	Synthetic studies on statins. Part 3: A facile synthesis of rosuvastatin calcium through catalytic enantioselective allylation strategy. <i>Tetrahedron</i> , 2014, 70, 5794-5799.	1.9	15
71	Continuous-Flow Asymmetric Synthesis of (3 <i>R</i>)-3-Hydroxyl-5-hexenoates with Co-Immobilized Ketoreductase and <i>Lactobacillus kefir</i> Dehydrogenase Integrating Greener Inline Microfluidic Liquid-Liquid Extractors and Membrane Separators. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8990-9000.	6.7	15
72	Improving Druggability of Novel Diarylpyrimidine NNRTIs by a Fragment-Based Replacement Strategy: From Biphenyl-DAPYs to Heteroaromatic-Biphenyl-DAPYs. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10297-10311.	6.4	15

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73	Palladium-Catalyzed Asymmetric Cross-Coupling Reactions of Cyclobutanols and Unactivated Olefins. <i>Organic Letters</i> , 2021, 23, 9520-9525.	4.6	15
74	Squaramide-Linked Chloramphenicol Base Hybrid Catalysts for the Asymmetric Michael Addition of 2,3-Dihydrobenzofuran-2-carboxylates to Nitroolefins. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 99-103.	2.4	14
75	Privileged scaffold inspired design of novel oxime-biphenyl-DAPYs in treatment of HIV-1. <i>Bioorganic Chemistry</i> , 2020, 99, 103825.	4.1	14
76	Room-temperature Pd-catalyzed methoxycarbonylation of terminal alkynes with high branched selectivity enabled by bisphosphine-picolinamide ligand. <i>Chemical Communications</i> , 2022, 58, 1041-1044.	4.1	14
77	Unified Strategy to Amphenicol Antibiotics: Asymmetric Synthesis of (âˆ-) -Chloramphenicol, (âˆ-) -Azidamphenicol, and (+) -Thiamphenicol and Its (+) -3-Floride. <i>Journal of Organic Chemistry</i> , 2020, 85, 15360-15367.	3.2	13
78	Bioisosterism-based design and enantiomeric profiling of chiral hydroxyl-substituted biphenyl-diarylpyrimidine nonnucleoside HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112549.	5.5	13
79	Structural modifications of CH(OH)-DAPYs as new HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2535-2541.	3.0	12
80	Chloramphenicol base chemistry. Part 10 1 : Asymmetric synthesis of $\hat{1}\pm$ -hydroxy chiral alcohols via intramolecular Michael additions of $\hat{1}^3$ -hydroxy- $\hat{1}\pm$, $\hat{1}^2$ -unsaturated enones with chloramphenicol base derived bifunctional urea organocatalysts. <i>Tetrahedron</i> , 2017, 73, 2793-2800.	1.9	12
81	Chloramphenicol base chemistry. Part 11: 1 chloramphenicol base-derived thiourea-catalyzed enantioselective Michael addition of malononitrile to $\hat{1}\pm$, $\hat{1}^2$ -unsaturated ketones. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 921-929.	1.8	12
82	Design strategies for long-acting anti-HIV pharmaceuticals. <i>Current Opinion in Pharmacology</i> , 2020, 54, 158-165.	3.5	12
83	Development of a Practical, Biocatalytic Synthesis of tert-Butyl (R)-3-Hydroxyl-5-hexenoate: A Key Intermediate to the Statin Side Chain. <i>Organic Process Research and Development</i> , 2020, 24, 1700-1706.	2.7	12
84	Palladium-Catalyzed Allylation of Vinylethylene Carbonates with $\hat{1}^2$ -Ketophosphonates: Stereoselective Synthesis of $\hat{1}^2$ -Homoallylic Phosphonates. <i>ChemCatChem</i> , 2021, 13, 1753-1762.	3.7	12
85	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. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5067-5081.	6.4	12
86	Structural modification of diarylpyrimidine derivatives as HIV-1 reverse transcriptase inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 220-225.	2.4	11
87	Asymmetric Synthesis of Atorvastatin Calcium through Intramolecular Oxidative Oxygen-Nucleophilic Bromocyclization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3681-3688.	2.4	11
88	TfOH-Catalyzed Cascade C-H Activation/Lactonization of Phenols with $\hat{1}\pm$ -Aryl- $\hat{1}\pm$ -diazoesters: Rapid Access to $\hat{1}\pm$ -Aryl Benzofuranones. <i>Journal of Organic Chemistry</i> , 2020, 85, 14916-14925.	3.2	11
89	Asymmetric Alkynylation of Cyclic $\hat{1}^2$ -Sulfonyl Imines using Synergistic Chiral Phosphoric Acid/Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3202-3207.	4.3	11
90	Design of Biphenyl-Substituted Diarylpyrimidines with a Cyanomethyl Linker as HIV-1 NNRTIs via a Molecular Hybridization Strategy. <i>Molecules</i> , 2020, 25, 1050.	3.8	11

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91	Catalytic Asymmetric Addition of Diorganozinc Reagents to Pyrazole-4,5-Diones and Indoline-2,3-Diones. <i>Chemistry - A European Journal</i> , 2021, 27, 4302-4306.	3.3	11
92	Time-Economical Synthesis of Diarylacetates Enabled by TfOH-Catalyzed Arylation of α -Aryl α -Dialkoxyesters with Arenes. <i>ChemCatChem</i> , 2021, 13, 2559-2563.	3.7	11
93	Pharmacophore-fusing design of pyrimidine sulfonylacetanilides as potent non-nucleoside inhibitors of HIV-1 reverse transcriptase. <i>Bioorganic Chemistry</i> , 2020, 96, 103595.	4.1	11
94	Palladium-catalyzed base- and solvent-controlled chemoselective allylation of amino acids with allylic carbonates. <i>Chinese Chemical Letters</i> , 2022, 33, 4850-4855.	9.0	11
95	TfOH-catalyzed regioselective N -alkylation of indazoles with diazo compounds. <i>Chemical Communications</i> , 2022, 58, 6429-6432.	4.1	11
96	Atom- and step-economic 1,3-thiosulfonylation of activated allenes with thiosulfonates to access vinyl sulfones/sulfides. <i>Chemical Communications</i> , 2022, 58, 6765-6768.	4.1	11
97	Solid-Phase Synthesis of Solanesol. <i>ACS Combinatorial Science</i> , 2008, 10, 605-610.	3.3	10
98	Transition-metal and oxidant-free approach for the synthesis of diverse N-heterocycles by TMSCl activation of isocyanides. <i>RSC Advances</i> , 2020, 10, 29257-29262.	3.6	10
99	Total Synthesis of (α)-Canadine, (α)-Rotundine, (α)-Sinactine, and (α)-Xylopinine Using a Last-Step Enantioselective Ir-Catalyzed Hydrogenation. <i>Journal of Organic Chemistry</i> , 2021, 86, 8143-8153.	3.2	10
100	Design of the naphthyl-diarylpyrimidines as potent non-nucleoside reverse transcriptase inhibitors (NNRTIs) via structure-based extension into the entrance channel. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113868.	5.5	10
101	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. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2122-2138.	6.4	10
102	Recent Progress in Solid-Phase Total Synthesis of Naturally Occurring Small Peptides. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1934-1961.	4.3	10
103	Stereocontrolled synthesis of rosuvastatin calcium via iodine chloride-induced intramolecular cyclization. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1363-1369.	2.8	9
104	The Chapman rearrangement in a continuous-flow microreactor. <i>RSC Advances</i> , 2019, 9, 9270-9280.	3.6	9
105	Fragment hopping-based discovery of novel sulfinylacetamide-diarylpyrimidines (DAPYs) as HIV-1 nonnucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111874.	5.5	9
106	Access to chiral α -substituted- β -hydroxy arylphosphonates enabled by biocatalytic dynamic reductive kinetic resolution. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2672-2677.	2.8	9
107	Asymmetric Synthesis of a Key Dextromethorphan Intermediate and Its Analogues Enabled by a New Cyclohexylamine Oxidase: Enzyme Discovery, Reaction Development, and Mechanistic Insight. <i>Journal of Organic Chemistry</i> , 2020, 85, 5598-5614.	3.2	9
108	Fully Continuous Flow Synthesis of 5-(Aminomethyl)-2-methylpyrimidin-4-amine: A Key Intermediate of Vitamin B ₁ . <i>Organic Process Research and Development</i> , 2021, 25, 2331-2337.	2.7	9

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109	Ligand-enabled palladium-catalyzed hydroesterification of vinyl arenes with high linear selectivity to access 3-arylpropanoate esters. <i>Chemical Communications</i> , 2022, 58, 3921-3924.	4.1	9
110	Palladium-Catalyzed Asymmetric [3 + 2] Annulation of Vinylethylene Carbonates with Alkenes Installed on Cyclic <i>N</i> -Sulfonyl Imines: Highly Enantio- and Diastereoselective Construction of Chiral Tetrahydrofuran Scaffolds Bearing Three Vicinal and Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2022, 87, 5166-5177.	3.2	9
111	Water-soluble diphosphine ligands for rhodium-catalyzed branch-selective hydroaminomethylation of vinyl arenes with anilines in water. <i>Green Chemistry</i> , 2022, 24, 4420-4424.	9.0	9
112	Chiral Syn-1,3-diol Derivatives via a One-Pot Diastereoselective Carboxylation/ Bromocyclization of Homoallylic Alcohols. <i>IScience</i> , 2018, 9, 513-520.	4.1	8
113	Chloramphenicol Base: A New Privileged Chiral Scaffold in Asymmetric Catalysis. <i>ChemCatChem</i> , 2019, 11, 2043-2053.	3.7	8
114	Organocatalytic Asymmetric Domino Oxa-Michael-Mannich-[1,3]-Amino Rearrangement Reaction of <i>N</i> -Tosylsalicylimines to α,β -Unsaturated Aldehydes by Diarylprolinol Silyl Ethers. <i>Journal of Organic Chemistry</i> , 2020, 85, 4011-4018.	3.2	8
115	Scaffold Hopping in Discovery of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: From CH(CN)-DABOs to CH(CN)-DAPYs. <i>Molecules</i> , 2020, 25, 1581.	3.8	8
116	Rh(<i>scpt</i>)-Catalyzed three-component cascade annulation to produce the <i>N</i> -oxopropyl chain of isoquinolone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 561-567.	2.8	8
117	Stereoselective Synthesis of α -Dihomoallylic Phosphonates with Quaternary Carbon Center by Palladium-Catalyzed Bisallylation of Vinylethylene Carbonates with β -Ketophosphonates. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 757-761.	2.7	8
118	Synthesis of rac- <i>si</i> -aryl propionaldehydes via branched-selective hydroformylation of terminal arylalkenes using water-soluble Rh-PNP catalyst. <i>Chinese Chemical Letters</i> , 2022, 33, 830-834.	9.0	8
119	Synergistic Pd/Cu Catalyzed Allylation of Cyclic Ketimine Esters with Vinylethylene Carbonates: Enantioselective Construction of Trisubstituted Allylic <i>H</i> -Pyrrole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1849-1854.	4.3	8
120	Organocatalytic atroposelective N-alkylation: divergent synthesis of axially chiral sulfonamides and biaryl amino phenols. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	8
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