Lin-Jie Yan

List of Publications by Year in Descending Order

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	The total synthesis of -strempeliopine palladium-catalyzed decarboxylative asymmetric allylic alkylation.. *Chemical Communications*, **2022**,	5.8	1
158	Small-molecule MDM2 inhibitors in clinical trials for cancer therapy.. *European Journal of Medicinal Chemistry*, **2022**, 236, 114334	6.8	0
157	Palladium-Catalyzed Asymmetric Cross-Coupling Reactions of Cyclobutanols and Unactivated Olefins. *Organic Letters*, **2021**,	6.2	3
156	Structure-Based design of Marine-derived Meridianin C derivatives as glycogen synthase kinase 3 inhibitors with improved oral bioavailability: From aminopyrimidyl-indoles to the sulfonyl analogues.. *Bioorganic Chemistry*, **2021**, 119, 105537	5.1	0
155	Stereoselective total synthesis of ( )-vindeburnol and ( )-16--vindeburnol. *Chemical Communications*, **2021**, 57, 11669-11672	5.8	1
154	Synthesis and evaluation of mycophenolic acid derivatives as potential anti-Toxoplasma gondii agents. *Medicinal Chemistry Research*, **2021**, 30, 2228-2239	2.2	1
153	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
152	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
151	Diastereo- and Enantioselective Mannich/Cyclization Cascade Reaction Access to Chiral Benzothiazolopyrimidine Derivatives. *Chemistry - A European Journal*, **2021**, 27, 6183-6186	4.8	3
150	Time-Economical Synthesis of Diarylacetates Enabled by TfOH-Catalyzed Arylation of -Aryl- -Diazoesters with Arenes. *ChemCatChem*, **2021**, 13, 2559-2563	5.2	2
149	Application of Ketoreductase in Asymmetric Synthesis of Pharmaceuticals and Bioactive Molecules: An Update (2018-2020). *Chemical Record*, **2021**, 21, 1611-1630	6.6	7
148	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
147	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
146	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	3	1
145	Synthesis and Evaluation of Chiral Rhodanine Derivatives Bearing Quinoxalinyl Imidazole Moiety as ALK5 Inhibitors. *Medicinal Chemistry*, **2021**,	1.8	1
144	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
143	Chemical space exploration of novel naphthyl-carboxamide-diarylpyrimidine derivatives with potent anti-HIV-1 activity. *Bioorganic Chemistry*, **2021**, 111, 104905	5.1	1

142	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
141	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
140	Recent Advances in Asymmetric Organomulticatalysis. *Advanced Synthesis and Catalysis*, **2021**, 363, 352-387	5.7	18
139	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
138	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
137	Palladium-Catalyzed Allylation of Vinylethylene Carbonates with □Ketophosphonates: Stereoselective Synthesis of (Z)-Homoallylic Phosphonates. *ChemCatChem*, **2021**, 13, 1753-1762	5.2	0
136	Stereoselective Synthesis of (Z)-Dihomoallylic Phosphonates with Quaternary Carbon Center by Palladium-Catalyzed Bisallylation of Vinylethyene Carbonates with □Ketophosphonates. *Asian Journal of Organic Chemistry*, **2021**, 10, 757-761	3	1
135	Phosphorus coordinated Rh single-atom sites on nanodiamond as highly regioselective catalyst for hydroformylation of olefins. *Nature Communications*, **2021**, 12, 4698	17.4	18
134	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
133	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
132	Transition metal-catalyzed branch-selective hydroformylation of olefins in organic synthesis. *Green Synthesis and Catalysis*, **2021**, 2, 247-266	9.3	8
131	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
130	Design and enantioselective synthesis of 3-(□-acrylic acid) benzoxaboroles to combat carbapenemase resistance. *Chemical Communications*, **2021**, 57, 7709-7712	5.8	7
129	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
128	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
127	Access to chiral □-substituted-□hydroxy arylphosphonates enabled by biocatalytic dynamic reductive kinetic resolution. *Organic and Biomolecular Chemistry*, **2020**, 18, 2672-2677	3.9	6
126	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
125	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

124	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
123	Asymmetric synthesis of (-)-solanidine and (-)-tomatidenol. *Organic and Biomolecular Chemistry*, **2020**, 18, 3169-3176	3.9	3
122	Design of Biphenyl-Substituted Diarylpyrimidines with a Cyanomethyl Linker as HIV-1 NNRTIs via a Molecular Hybridization Strategy. *Molecules*, **2020**, 25,	4.8	3
121	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
120	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
119	Privileged scaffold inspired design of novel oxime-biphenyl-DAPYs in treatment of HIV-1. *Bioorganic Chemistry*, **2020**, 99, 103825	5.1	8
118	Recent Advances of Pharmaceutical Process Chemistry and Its Innovation in China: Part 1. *Pharmaceutical Fronts*, **2020**, 02, e28-e54	0.7	4
117	Pharmacophore-fusing design of pyrimidine sulfonylacetanilides as potent non-nucleoside inhibitors of HIV-1 reverse transcriptase. *Bioorganic Chemistry*, **2020**, 96, 103595	5.1	6
116	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
115	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
114	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
113	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
112	Development of non-nucleoside reverse transcriptase inhibitors (NNRTIs): our past twenty years. *Acta Pharmaceutica Sinica B*, **2020**, 10, 961-978	15.5	32
111	Transition-metal catalyzed asymmetric reactions under continuous flow from 2015 to early 2020. *Green Synthesis and Catalysis*, **2020**, 1, 121-133	9.3	23
110	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
109	Design strategies for long-acting anti-HIV pharmaceuticals. *Current Opinion in Pharmacology*, **2020**, 54, 158-165	5.1	8
108	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
107	Natural Occurrence, Biological Functions, and Analysis of D-Amino Acids. *Pharmaceutical Fronts*, **2020**, 02, e79-e87	0.7	2

106	TfOH-Catalyzed Cascade C-H Activation/Lactonization of Phenols with β-Aryl-β-diazoesters: Rapid Access to β-Aryl Benzofuranones. *Journal of Organic Chemistry*, **2020**, 85, 14916-14925	4.2	4
105	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
104	Small-Molecule Inhibitors of Necroptosis: Current Status and Perspectives. *Journal of Medicinal Chemistry*, **2020**, 63, 1490-1510	8.3	23
103	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
102	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
101	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
100	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
99	Ketoreductase catalyzed stereoselective bioreduction of β-nitro ketones. *Organic and Biomolecular Chemistry*, **2019**, 17, 3575-3580	3.9	14
98	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
97	Chloramphenicol Base: A New Privileged Chiral Scaffold in Asymmetric Catalysis. *ChemCatChem*, **2019**, 11, 2043-2053	5.2	0
96	Substituent Position-Controlled Stereoselectivity in Enzymatic Reduction of Diaryl- and Aryl(heteroaryl)methanones. *Advanced Synthesis and Catalysis*, **2019**, 361, 1859-1865	5.6	12
95	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
94	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
93	A Formal Synthesis of Camptothecin via a Photocatalytic Decarboxylative Radical Addition. *European Journal of Organic Chemistry*, **2019**, 2019, 6024-6027	3.2	2
92	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
91	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
90	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
89	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

88	Chiral Syn-1,3-diol Derivatives via a One-Pot Diastereoselective Carboxylation/ Bromocyclization of Homoallylic Alcohols. *IScience*, **2018**, 9, 513-520	6.1	6
87	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
86	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
85	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. *Angewandte Chemie*, **2017**, 129, 3915-3919	3.6	9
84	The Catalytic Mechanism of the Class C Radical S-Adenosylmethionine Methyltransferase NosN. *Angewandte Chemie - International Edition*, **2017**, 56, 3857-3861	16.4	38
83	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	
82	Asymmetric Synthesis of Atorvastatin Calcium through Intramolecular Oxidative Oxygen-Nucleophilic Bromocyclization. *European Journal of Organic Chemistry*, **2017**, 2017, 3681-3688	3.2	8
81	Enantioselective □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
80	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
79	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
78	Designing Novel Hydrazinecarbothioamides as Potential HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. *Proceedings (mdpi)*, **2017**, 1, 274	0.3	1
77	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
76	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
75	Discovery of Biphenyl-Substituted Diarylpyrimidines as New Non-Nucleoside HIV-1 Reverse Transcripttase Inhibitors. *Proceedings (mdpi)*, **2017**, 1, 220	0.3	
74	A new cost-effective Ru-chloramphenicol base derivative catalyst for the asymmetric transfer hydrogenation/dynamic kinetic resolution of N-Boc □-amino-□ketoesters and its application to the synthesis of the chiral core of vancomycin. *RSC Advances*, **2016**, 6, 37701-37709	3.7	12
73	Stereocontrolled synthesis of rosuvastatin calcium via iodine chloride-induced intramolecular cyclization. *Organic and Biomolecular Chemistry*, **2016**, 14, 1363-9	3.9	8
72	A novel synthetic route to 7-MAC from 7-ACA. *Journal of the Iranian Chemical Society*, **2016**, 13, 1019-1025		
71	Catalytic asymmetric transfer hydrogenation/dynamic kinetic resolution: an efficient synthesis of florfenicol. *Tetrahedron*, **2016**, 72, 1787-1793	2.4	17

70	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
69	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
68	Metabonomic characteristics and biomarker research of human lung cancer tissues by HR1H NMR spectroscopy. *Cancer Biomarkers*, **2016**, 16, 653-64	3.8	15
67	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
66	Stereoselective synthesis of 3-hydroxy-3-methylglutaryl-coenzyme A reductase inhibitors. *Tetrahedron*, **2015**, 71, 8487-8510	2.4	26
65	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
64	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
63	Anti-HIV diarylpyrimidine-quinolone hybrids and their mode of action. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 3860-8	3.4	17
62	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
61	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
60	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
59	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
58	Structural modification of diarylpyrimidine derivatives as HIV-1 reverse transcriptase inhibitors. *Medicinal Chemistry Research*, **2015**, 24, 220-225	2.2	8
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	Substrate stereocontrol in bromine-induced intermolecular cyclization: asymmetric synthesis of pitavastatin calcium. *Tetrahedron*, **2015**, 71, 4730-4737	2.4	6
55	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
54	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
53	Asymmetric catalytic anhydride openings via carbon-based nucleophiles. *Chinese Chemical Letters*, **2014**, 25, 1-8	8.1	7

52	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
51	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
50	An improved process for chiron synthesis of the atorvastatin side chain. *Tetrahedron: Asymmetry*, **2014**, 25, 1205-1208		9
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	Asymmetric Aldol Reactions of Heterocyclic Dienolsilanes and α,β-Unsaturated Carbonyl Derived Dienolsilanes. *Synthesis*, **2012**, 44, 2506-2514	2.9	7
38	An efficient enantioselective synthesis of florfenicol via a vanadium-catalyzed asymmetric epoxidation. *Tetrahedron: Asymmetry*, **2011**, 22, 1337-1341		20
37	Chiral Squaramide-Catalyzed Enantioselective Conjugate Michael Addition of Various Thiols to α,β-Unsaturated N-Acylated Oxazolidin-2-ones. *European Journal of Organic Chemistry*, **2011**, 2011, 5071-5076	3.2	32
36	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
35	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

34	Synthetic Studies on Camptothecins. Part 3. *Helvetica Chimica Acta*, **2010**, 93, 2094-2099	2	4
33	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
32	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
31	Copper- and Phosphine-Free Sonogashira Coupling Reaction Catalyzed by Polyurea-Encapsulated Palladium(II). *Helvetica Chimica Acta*, **2009**, 92, 897-902	2	21
30	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
29	A Novel and Practical Synthesis of 2-Amino-5-hydroxypropiophenone. *Organic Preparations and Procedures International*, **2009**, 41, 423-427	1.1	9
28	An Improved Convergent Strategy for the Synthesis of Oligoprenols. *Helvetica Chimica Acta*, **2008**, 91, 1967-1974	2	6
27	Synthetic Studies on Camptothecins. Part 1. *Helvetica Chimica Acta*, **2008**, 91, 2057-2061	2	15
26	Synthetic Studies on Coenzyme Q10. Part 3. *Helvetica Chimica Acta*, **2007**, 90, 967-971	2	1
25	An Efficient Synthesis of a Potential (-)-Reserpine Intermediate from (-)-Shikimic Acid of the Chiral Pool. *Helvetica Chimica Acta*, **2007**, 90, 1366-1372	2	16
24	An improved synthesis of a key intermediate for (+)-biotin from D-mannose. *Carbohydrate Research*, **2007**, 342, 2461-4	2.9	36
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22	Synthetic Studies on Coenzyme Q10. Part 2. *Helvetica Chimica Acta*, **2006**, 89, 1317-1321	2	7
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