

Guo-Qiang Lin

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115
papers

1,692
citations

22
h-index

36
g-index

124
ext. papers

2,155
ext. citations

6.7
avg, IF

5.12
L-index

#	Paper	IF	Citations
115	An advance on exploring N-tert-butanesulfinyl imines in asymmetric synthesis of chiral amines. <i>Accounts of Chemical Research</i> , 2008 , 41, 831-40	24.3	242
114	Borylation of Olefin C-H Bond via Aryl to Vinyl Palladium 1,4-Migration. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2897-900	16.4	90
113	Efficient Access to Bicyclo[4.3.0]nonanes: Copper-Catalyzed Asymmetric Silylative Cyclization of Cyclohexadienone-Tethered Allenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14815-8	16.4	79
112	A new reagent system for modified Ullmann-type coupling reactions: NiCl ₂ (PPh ₃) ₂ /PPh ₃ /Zn/NaH/toluene. <i>Journal of Organic Chemistry</i> , 2001 , 66, 2877-80	4.2	60
111	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfurlefin ligands in asymmetric synthesis. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 73-89	5.2	56
110	Copper(I)-catalyzed enantioselective hydroboration of cyclopropenes: facile synthesis of optically active cyclopropylboronates. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 1116-1122	5.2	53
109	Highly Stereoselective Synthesis of 1,3-Dienes through an Aryl to Vinyl 1,4-Palladium Migration/Heck Sequence. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5871-5875	16.4	51
108	Chiral NHC/Cu(I)-Catalyzed Asymmetric Hydroboration of Aldimines: Enantioselective Synthesis of β -Amido Boronic Esters. <i>Synlett</i> , 2013 , 24, 437-442	2.2	48
107	An efficient and convenient approach to the total synthesis of sphingofungin. <i>Journal of Organic Chemistry</i> , 2000 , 65, 9114-9	4.2	38
106	Rhodium(III)-Catalyzed Asymmetric Borylative Cyclization of Cyclohexadienone-Containing 1,6-Dienes: An Experimental and DFT Study. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12770-12779	16.4	33
105	Chiral sulfonamide induced enantioselective protonation of samarium enolate in the reaction of α,β -unsaturated ester with ketone. <i>Organic Letters</i> , 2000 , 2, 3773-6	6.2	31
104	Arylation/Intramolecular Conjugate Addition of 1,6-Enynes Enabled by Manganese(I)-Catalyzed C-H Bond Activation. <i>Organic Letters</i> , 2019 , 21, 5-9	6.2	31
103	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4-Rhodium Migration. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3387-3391	16.4	28
102	CuH-Catalyzed Asymmetric Intramolecular Reductive Coupling of Allenes to Enones. <i>Organic Letters</i> , 2018 , 20, 248-251	6.2	28
101	Rhodium-Catalyzed Asymmetric Arylative Cyclization of meso-1,6-Dienynes Leading to Enantioenriched cis-Hydrobenzofurans. <i>Angewandte Chemie</i> , 2013 , 125, 5422-5426	3.6	26
100	Activating Pronucleophiles with High pK Values: Chiral Organo-Superbases. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8004-8014	16.4	26
99	Regioselectivity Engineering of Epoxide Hydrolase: Near-Perfect Enantioconvergence through a Single Site Mutation. <i>ACS Catalysis</i> , 2018 , 8, 8314-8317	13.1	24

98	Ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation Using Unsymmetrical Vicinal Diamine-Based Ligands: Dramatic Substituent Effect on Catalyst Efficiency. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 4205-4211	3.2	24
97	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of 3-Ylidenephthalides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13140-13144	16.4	23
96	Stereodivergent Synthesis of Tertiary Fluoride-Tethered Allenes via Copper and Palladium Dual Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 7285-7291	16.4	23
95	Triptolide: reflections on two decades of research and prospects for the future. <i>Natural Product Reports</i> , 2021 , 38, 843-860	15.1	23
94	Highly Stereoselective Synthesis of 1,3-Dienes through an Aryl to Vinyl 1,4-Palladium Migration/Heck Sequence. <i>Angewandte Chemie</i> , 2018 , 130, 5973-5977	3.6	22
93	Efficient Access to Bicyclo[4.3.0]nonanes: Copper-Catalyzed Asymmetric Silylative Cyclization of Cyclohexadienone-Tethered Allenes. <i>Angewandte Chemie</i> , 2015 , 127, 15028-15031	3.6	22
92	Efficient access to cis-decalinol frameworks: copper(i)-catalyzed borylative cyclization of allene cyclohexanediones. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4400-4	3.9	22
91	Catalytic Asymmetric Conjugate Addition of β -Substituted Nitro Acetates to Nitro Olefins: Enantioselective Synthesis of Highly Substituted β -Lactams. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1558-1565	3.2	21
90	Highly Enantioselective Rhodium-Catalyzed Cross-Addition of Silylacetylenes to Cyclohexadienone-Tethered Internal Alkynes. <i>Organic Letters</i> , 2019 , 21, 1690-1693	6.2	20
89	Stereoselective formation of chiral trans-4-hydroxy-5-substituted 2-pyrrolidinones: syntheses of streptopyrrolidine and 3-epi-ephelmin A. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1485-1499	5.2	19
88	Bisannulation of Benzamides and Cyclohexadienone-Tethered Allenes Triggered by Cp*Rh(III)-Catalyzed C-H Activation and Relay Ene Reaction. <i>Organic Letters</i> , 2018 , 20, 1154-1157	6.2	19
87	Enantioselective [3+2] annulation of isatin-derived MBH-carbonates and 3-nitroindoles enabled by a bifunctional DMAP-thiourea. <i>Chemical Communications</i> , 2020 , 56, 10718-10721	5.8	17
86	Copper-catalyzed asymmetric silylative cyclization of cyclohexadienone-containing 1,6-enynes. <i>Tetrahedron</i> , 2019 , 75, 1682-1688	2.4	17
85	Hydroxynitrile Lyase Isozymes from <i>Prunus communis</i> : Identification, Characterization and Synthetic Applications. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1185-1193	5.6	16
84	Copper(I)-catalyzed diastereo- and enantio-selective construction of optically pure exocyclic allenenes. <i>Nature Communications</i> , 2020 , 11, 4293	17.4	16
83	Enantioselective Rhodium-Catalyzed Alkenylation of Aliphatic Imines. <i>Organic Letters</i> , 2017 , 19, 5601-5604		14
82	Synthesis of Amide Enol Carbamates and Carbonates through Cu(OTf) ₂ -Catalyzed Reactions of Ynamides with <i>n</i> -Butyl Carbamates/Carbonates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4740-4752	4.2	14
81	Synthesis of Substituted Naphthalenes by 1,4-Palladium Migration Involved Annulation with Internal Alkynes. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 743-748	4.9	14

80	An ene reductase from <i>Clavispora lusitaniae</i> for asymmetric reduction of activated alkenes. <i>Enzyme and Microbial Technology</i> , 2014 , 56, 40-5	3.8	14
79	Copper-Catalyzed Asymmetric Borylative Cyclization of Cyclohexadienone-Containing 1,6-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 765-770	5.6	14
78	Sequential Cross-Coupling/Annulation of ortho-Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16543-16547	16.4	13
77	Overview of Chirality and Chiral Drugs 2011 , 3-28		13
76	Stereoselective Intermolecular [4+2] Process of N,O-acetals with Terminal Alkynes for Construction of Functional cis-Pyrido and Pyrrolo[1,2-c][1,3]oxazin-1-ones. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 822-831	5.6	13
75	Activating Pronucleophiles with High pKa Values: Chiral Organo-Superbases. <i>Angewandte Chemie</i> , 2020 , 132, 8080-8090	3.6	13
74	Efficient Access to cis-Hydrobenzo[b]oxepines: Rhodium(I)-Catalyzed Cyclization of Cyclohexadienone-Tethered o-Tolyl-Substituted Alkynes. <i>Synlett</i> , 2018 , 29, 1223-1228	2.2	12
73	Suzuki-Miyaura Coupling Enabled by Aryl to Vinyl 1,4-Palladium Migration. <i>Science</i> , 2020 , 23, 100966	6.1	11
72	Structure-Guided Tuning of a Hydroxynitrile Lyase to Accept Rigid Pharmacological Aldehydes. <i>ACS Catalysis</i> , 2020 , 10, 5757-5763	13.1	11
71	Enantioselective Addition of Heteroarylboronates to Arylimines Catalyzed by a Rhodium-Diene Complex. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2815-2820	5.6	11
70	Fluorine-Containing Chiral Drugs 2011 , 195-251		11
69	The First Total Synthesis of 4,4?-Biisofraxidin. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1263-1267	4.9	11
68	Sex pheromone components of mulberry looper, <i>Hemerophila atrilineata</i> butler (Lepidoptera: Geometridae). <i>Journal of Chemical Ecology</i> , 1996 , 22, 2263-71	2.7	11
67	Rhodium(III)-Catalyzed Kinetic Resolution of Racemic 1,6-Dienes via Asymmetric Borylative Cyclization. <i>Organic Letters</i> , 2020 , 22, 3661-3666	6.2	11
66	A novel chiral DMAP-thiourea bifunctional catalyst catalyzed enantioselective Steglich and Black rearrangement reactions. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 2624-2629	5.2	10
65	Approach to Tertiary-Type β -Hydroxyl Carboxamides Through Sc(OTf) ₃ -Catalyzed Addition of Ynamides and Ketones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 16254-16261	4.2	10
64	Bacteria-Anchoring Hybrid Liposome Capable of Absorbing Multiple Toxins for Antiviral Therapy of Infection. <i>ACS Nano</i> , 2021 , 15, 4173-4185	16.7	10
63	Synthesis of a 3,4-Dihydro-1,3-oxazin-2-one Skeleton via an Intermolecular [4 + 2] Process of α -Acylium Ions with Ynamides/Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 13567-13578 ^{4.2}		9

62	Design, synthesis and biological evaluation of novel potent STAT3 inhibitors based on BBI608 for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2020 , 201, 112428	6.8	8
61	Divergent synthesis of N-heterocyclic 1,6-enynes through a zinc-catalyzed decarboxylative A reaction. <i>Chemical Communications</i> , 2019 , 55, 14170-14173	5.8	8
60	Co-administration of Shexiang Baoxin Pill and Chemotherapy Drugs Potentiated Cancer Therapy by Vascular-Promoting Strategy. <i>Frontiers in Pharmacology</i> , 2019 , 10, 565	5.6	7
59	Two phenyls are better than one or three: synthesis and application of terminal olefin-oxazoline (TOleFOx) ligands. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3686-9	3.9	6
58	The advantage of biosensor analysis over enzyme inhibition studies for slow dissociating inhibitors: Characterization of hydroxamate-based matrix metalloproteinase-12 inhibitors. <i>MedChemComm</i> , 2013 , 4, 432	5	6
57	One-Pot Preparation of 9,10-Dihydrophenanthrenes Initiated by Rhodium(III)-Catalyzed C-H Activation and Relay Diels-Alder Reaction. <i>Organic Letters</i> , 2020 , 22, 4300-4305	6.2	6
56	Trisannulation of benzamides and cyclohexadienone-tethered 1,1-disubstituted allenes initiated by Cp*Rh(III)-catalyzed C-H activation. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 699-703	5.2	5
55	Facile Access to 1,5-Benzodiazepines via Amine-Promoted (4+3) Annulations of β -Acetoxy Allenates with o-Diaminobenzenes under Mild Conditions. <i>Synlett</i> , 2018 , 29, 1176-1180	2.2	5
54	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of 3-Ylidenephthalides. <i>Angewandte Chemie</i> , 2018 , 130, 13324-13328	3.6	5
53	Enantioselective synthesis of bicyclo[2.2.2]octane-1-carboxylates under metal free conditions. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 274-278	5.2	5
52	Separation of enantiopure m-substituted 1-phenylethanols in high space-time yield using <i>Bacillus subtilis</i> esterase. <i>RSC Advances</i> , 2013 , 3, 20446	3.7	5
51	Chiral Drugs through Asymmetric Synthesis 2011 , 29-76		5
50	Samarium Diodide Promoted Tandem β -Elimination and Cross-Pinacol Coupling: A New Access to 1-Vinyl-1,2-diols with Two Adjacent Quaternary Carbon Centers. <i>Synthesis</i> , 2012 , 44, 2763-2769	2.9	5
49	Microbial-chemical routes to R and S-denopamine a useful drug for congestive heart failure. <i>Chinese Journal of Chemistry</i> , 2010 , 13, 475-480	4.9	5
48	One-Pot Preparation of Tricyclo[5.2.2.0]undecanes via Cu-Catalyzed Asymmetric Carboboration of Cyclohexadienone-Tethered Allenes. <i>Organic Letters</i> , 2021 , 23, 607-611	6.2	5
47	A retrospective overview of PHGDH and its inhibitors for regulating cancer metabolism. <i>European Journal of Medicinal Chemistry</i> , 2021 , 217, 113379	6.8	5
46	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4-Rhodium Migration. <i>Angewandte Chemie</i> , 2019 , 131, 3425-3429	3.6	5
45	A microbially based approach for the asymmetric synthesis of both enantiomers of R- and S-fluoxetine. <i>Chinese Journal of Chemistry</i> , 2010 , 10, 355-358	4.9	4

44	Identification of novel STAT3 inhibitors bearing 2-acetyl-7-phenylamino benzofuran scaffold for antitumour study. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115822	3-4	4
43	A 1,4-Palladium Migration/Heck Sequence with Unactivated Alkenes: Stereoselective Synthesis of Trisubstituted 1,3-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2089-2092	5-6	4
42	Muscone derivative ZM-32 inhibits breast tumor angiogenesis by suppressing HuR-mediated VEGF and MMP9 expression. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 136, 111265	7-5	4
41	An Unconventional trans - exo -Selective Cyclization of Alkyne-Tethered Cyclohexadienones Initiated by Rhodium(III)-Catalyzed C \equiv C Activation via Insertion Relay. <i>CCS Chemistry</i> , 2021 , 3, 1582-1595	7-2	4
40	Rhodium(III)-Catalyzed Asymmetric Reductive Cyclization of Cyclohexadienone-Containing 1,6-Dienes via an Anti-Michael/Michael Cascade Process. <i>ACS Catalysis</i> , 2021 , 11, 8015-8022	13-1	4
39	Palladium-catalyzed allene synthesis enabled by β -hydrogen elimination from sp-carbon. <i>Nature Communications</i> , 2021 , 12, 728	17-4	4
38	Nickel-Catalyzed Regioselective Hydroamination of Ynamides with Secondary Amines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3433-3443	4-2	4
37	Borylation of Unactivated C(sp)-H Bonds with Bromide as a Traceless Directing Group. <i>Organic Letters</i> , 2021 , 23, 2948-2953	6-2	4
36	Tandem Reactions involving 1,4-Palladium Migrations. <i>Chemistry - an Asian Journal</i> ,	4-5	4
35	Sequential Cross-Coupling/Annulation of ortho-Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. <i>Angewandte Chemie</i> , 2019 , 131, 16695-16699	3-6	3
34	Carbon-hydrogen activation in China. <i>Science China Chemistry</i> , 2015 , 58, 1245-1248	7-9	3
33	Resolution of Chiral Drugs 2011 , 137-194		3
32	Pharmacology of Chiral Drugs 2011 , 323-345		3
31	Synthesis and bioassay of all four stereoisomers of (2E,4E)-4,6,10,12-tetramethyl-2,4-tridecadien-7-one, the assignment of the absolute configuration of the sex pheromone of <i>Matsucoccus matsumurae</i> Japanese pine bast scale. <i>Chinese Journal of Chemistry</i> , 2010 , 18, 85-94	4-9	3
30	Synthesis of (-)-herbertenediol and (aR, aS)-mastigophorenes A via asymmetric intramolecular heck coupling reaction. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 1245-1253	4-9	3
29	Lipase-Catalyzed Resolutions of both Enantiomers of Ornidazole and Secnidazole. <i>Chinese Journal of Chemistry</i> , 2010 , 21, 853-857	4-9	3
28	Discovery of 9,10-dihydrophenanthrene derivatives as SARS-CoV-2 3CL inhibitors for treating COVID-19. <i>European Journal of Medicinal Chemistry</i> , 2021 , 228, 114030	6-8	3
27	A diastereoselective approach to amino alcohols and application for divergent synthesis of dolastatin 10. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 76-103	5-2	3

26	Synthesis of Decahydrocyclobuta[cd]indene Skeletons: Rhodium(III)-Catalyzed Hydroarylation and Relay Thiophene-Promoted Intramolecular [2+2] Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 4384-4390	5.6	3
25	Regioselective Tandem C _H Alkylation/Coupling Reaction of ortho-Iodophenylethylenes via C,C-Pallada(II)cycles. <i>ACS Catalysis</i> , 2021 , 11, 12123-12132	13.1	3
24	Nickel(II)-Catalyzed Addition of Aryl-, Alkenyl-, and Alkylboronic Acids to Alkenylazaarenes. <i>Organic Letters</i> , 2020 , 22, 4038-4042	6.2	2
23	Zinc-Mediated Asymmetric Allylation of Chiral N-tert-Butanesulfinyl Aldimines with 3-Bromomethyl-5H-furan-2-one. <i>Synlett</i> , 2013 , 24, 1649-1656	2.2	2
22	Pharmacokinetics of Chiral Drugs 2011 , 347-379		2
21	Enantioselective Dihydroxylation of Alkenes Catalyzed by a PEG-Bound Bi-Cinchona Alkaloid Ligand. <i>Chinese Journal of Chemistry</i> , 2005 , 23, 68-70	4.9	2
20	Cu(OTf) catalyzed Ugi-type reaction of α -acetals with isocyanides for the synthesis of pyrrolidinyl and piperidinyl 2-carboxamides. <i>Chemical Communications</i> , 2021 , 57, 9248-9251	5.8	2
19	Stereoselective Access to Polypropionates Expedited by the Double Hydroboration of Allenes: Total Synthesis of Antitumor (R)-Pironetin. <i>CCS Chemistry</i> , 2021 , 3, 769-779	7.2	2
18	Chiral Drugs via Biocatalytical Approaches 2011 , 77-136		1
17	Structural Basis and Computational Modeling of Chiral Drugs 2011 , 297-321		1
16	Representative Chiral Drugs 2011 , 401-448		1
15	Toxicology of Chiral Drugs 2011 , 381-399		1
14	Lipases catalyzed acetylation of meso-2,4-dimethyl-1,5-pentanediol and the synthesis of Prelog-Djerassi lactone. <i>Chinese Journal of Chemistry</i> , 2010 , 13, 380-384	4.9	1
13	Synthesis of the optically pure 5,5'-dihydroxy-7,7'-dimethoxy-8,8'-biflavone and its derivatives. <i>Chinese Journal of Chemistry</i> , 2010 , 15, 464-471	4.9	1
12	Palladium-catalyzed regio- and enantioselective migratory allylic C(sp)-H functionalization. <i>Nature Communications</i> , 2021 , 12, 5626	17.4	1
11	Diastereo- and enantioselective rhodium(III)-catalyzed reductive cyclization of cyclohexadienone-containing 1,6-dienes. <i>Chemical Communications</i> , 2021 , 57, 9724-9727	5.8	1
10	Discovery of PHGDH inhibitors by virtual screening and preliminary structure-activity relationship study.. <i>Bioorganic Chemistry</i> , 2022 , 121, 105705	5.1	1
9	Chemical synthesis of polysaccharides.. <i>Current Opinion in Chemical Biology</i> , 2022 , 69, 102154	9.7	1

- 8 Industrial Application of Chiral Technologies **2011**, 253-296 ○
- 7 Palladium-Catalyzed Tandem β Arylation/Aromatization of Cyclohex-2-En-1-One Derivatives: A Route to 3,4-Dihydroanthracen-1(2H)-Ones. *Advanced Synthesis and Catalysis*, **2021**, 363, 3001-3005 5.6 ○
- 6 An azo-bridged ring system enabled by-standing immobilization of a chiral diene ligand. *Organic Chemistry Frontiers*, **2021**, 8, 5397-5402 5.2 ○
- 5 Multiplexed Analysis of Endogenous Guanidino Compounds Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case.. *Analytical Chemistry*, **2021**, 93, 16862-16872 7.8 ○
- 4 Chiral Synthesis of Pharmaceutical Intermediates Using Oxynitrilases89-109
- 3 Non-targeted screening of pyranosides in *Rhodiola crenulata* using an all ion fragmentation-exact neutral loss strategy combined with liquid chromatography-quadrupole time-of-flight mass spectrometry. *Phytochemical Analysis*, **2021**, 32, 1039-1050 3.4
- 2 Synthesis of Functionalized Bicyclo[2.2.2]octan-2-ones Skeleton via Tandem Process of Amino Acid Involved Formal [4 + 2] and Decarboxylative-Mannich Sequence. *Journal of Organic Chemistry*, **2021**, 86, 3276-3286 4.2
- 1 Asymmetric synthesis of chiral 1,2-oxazinane and hexahydropyridazin spirocyclic scaffolds by organocatalytic [4 + 2] cycloaddition. *RSC Advances*, **2022**, 12, 15713-15717 3.7