

Guo-Qiang Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Discovery of PHGDH inhibitors by virtual screening and preliminary structure-activity relationship study.. <i>Bioorganic Chemistry</i> , 2022 , 121, 105705	5.1	1
114	Chemical synthesis of polysaccharides.. <i>Current Opinion in Chemical Biology</i> , 2022 , 69, 102154	9.7	1
113	Asymmetric synthesis of chiral 1,2-oxazinane and hexahydropyridazin spirocyclic scaffolds by organocatalytic [4 + 2] cycloaddition. <i>RSC Advances</i> , 2022 , 12, 15713-15717	3.7	
112	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
111	Palladium-catalyzed regio- and enantioselective migratory allylic C(sp)-H functionalization. <i>Nature Communications</i> , 2021 , 12, 5626	17.4	1
110	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
109	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
108	Non-targeted screening of pyranosides in <i>Rhodiola crenulata</i> using an all ion fragmentation-exact neutral loss strategy combined with liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Phytochemical Analysis</i> , 2021 , 32, 1039-1050	3.4	
107	Palladium-Catalyzed Tandem β Arylation/Aromatization of Cyclohex-2-En-1-One Derivatives: A Route to 3,4-Dihydroanthracen-1(2H)-Ones. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3001-3005	5.6	0
106	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
105	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
104	An Unconventional trans - exo -Selective Cyclization of Alkyne-Tethered Cyclohexadienones Initiated by Rhodium(III)-Catalyzed C \equiv H Activation via Insertion Relay. <i>CCS Chemistry</i> , 2021 , 3, 1582-1595	7.2	4
103	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
102	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
101	Triptolide: reflections on two decades of research and prospects for the future. <i>Natural Product Reports</i> , 2021 , 38, 843-860	15.1	23
100	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
99	An azo-bridged ring system enabled by-standing immobilization of a chiral diene ligand. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 5397-5402	5.2	0

98	Palladium-catalyzed allene synthesis enabled by β hydrogen elimination from sp-carbon. <i>Nature Communications</i> , 2021 , 12, 728	17.4	4
97	Stereoselective Access to Polypropionates Expedited by the Double Hydroboration of Allenes: Total Synthesis of Antitumor β -Pironetin. <i>CCS Chemistry</i> , 2021 , 3, 769-779	7.2	2
96	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. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3276-3286	4.2	
95	Nickel-Catalyzed Regioselective Hydroamination of Ynamides with Secondary Amines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3433-3443	4.2	4
94	Bacteria Anchoring Hybrid Liposome Capable of Absorbing Multiple Toxins for Antivirulence Therapy of Infection. <i>ACS Nano</i> , 2021 , 15, 4173-4185	16.7	10
93	Borylation of Unactivated C(sp ³)-H Bonds with Bromide as a Traceless Directing Group. <i>Organic Letters</i> , 2021 , 23, 2948-2953	6.2	4
92	Regioselective Tandem C β Alkylation/Coupling Reaction of ortho-Iodophenylethylenes via C,C-Pallada(II)cycles. <i>ACS Catalysis</i> , 2021 , 11, 12123-12132	13.1	3
91	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
90	Multiplexed Analysis of Endogenous Guanidino Compounds Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case.. <i>Analytical Chemistry</i> , 2021 , 93, 16862-16872	7.8	0
89	Nickel(II)-Catalyzed Addition of Aryl-, Alkenyl-, and Alkylboronic Acids to Alkenylazaarenes. <i>Organic Letters</i> , 2020 , 22, 4038-4042	6.2	2
88	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
87	Suzuki-Miyaura Coupling Enabled by Aryl to Vinyl 1,4-Palladium Migration. <i>Science</i> , 2020 , 23, 100966	6.1	11
86	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
85	Structure-Guided Tuning of a Hydroxynitrile Lyase to Accept Rigid Pharmac Aldehydes. <i>ACS Catalysis</i> , 2020 , 10, 5757-5763	13.1	11
84	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
83	Copper-Catalyzed Asymmetric Borylative Cyclization of Cyclohexadienone-Containing 1,6-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 765-770	5.6	14
82	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
81	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

80	Activating Pronucleophiles with High pKa Values: Chiral Organo-Superbases. <i>Angewandte Chemie</i> , 2020 , 132, 8080-8090	3.6	13
79	Activating Pronucleophiles with High pK Values: Chiral Organo-Superbases. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8004-8014	16.4	26
78	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
77	Synthesis of a 3,4-Dihydro-1,3-oxazin-2-ones Skeleton via an Intermolecular [4 + 2] Process of -Acylium Ions with Ynamides/Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 13567-13578 ^{4.2}	4.2	9
76	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
75	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
74	Copper(I)-catalyzed diastereo- and enantio-selective construction of optically pure exocyclic allenes. <i>Nature Communications</i> , 2020 , 11, 4293	17.4	16
73	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
72	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
71	Trisannulation of benzamides and cyclohexadienone-tethered 1,1-disubstituted allenes initiated by Cp*Rh(III)-catalyzed C≡C activation. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 699-703	5.2	5
70	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
69	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
68	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}	16.4	33
67	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
66	Highly Enantioselective Rhodium-Catalyzed Cross-Addition of Silylacetylenes to Cyclohexadienone-Tethered Internal Alkynes. <i>Organic Letters</i> , 2019 , 21, 1690-1693	6.2	20
65	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
64	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
63	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

62	Copper-catalyzed asymmetric silylative cyclization of cyclohexadienone-containing 1,6-enynes. <i>Tetrahedron</i> , 2019 , 75, 1682-1688	2.4	17
61	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
60	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
59	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
58	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
57	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
56	Facile Access to 1,5-Benzodiazepines via Amine-Promoted (4+3) Annulations of β -Acetoxy Allenoates with o-Diaminobenzenes under Mild Conditions. <i>Synlett</i> , 2018 , 29, 1176-1180	2.2	5
55	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
54	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of 3-Ylidenephthalides. <i>Angewandte Chemie</i> , 2018 , 130, 13324-13328	3.6	5
53	Regioselectivity Engineering of Epoxide Hydrolase: Near-Perfect Enantioconvergence through a Single Site Mutation. <i>ACS Catalysis</i> , 2018 , 8, 8314-8317	13.1	24
52	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of 3-Ylidenephthalides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13140-13144	16.4	23
51	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
50	CuH-Catalyzed Asymmetric Intramolecular Reductive Coupling of Allenes to Enones. <i>Organic Letters</i> , 2018 , 20, 248-251	6.2	28
49	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
48	Enantioselective Rhodium-Catalyzed Alkenylation of Aliphatic Imines. <i>Organic Letters</i> , 2017 , 19, 5601-5604	14	
47	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
46	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
45	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

44	Stereoselective formation of chiral trans-4-hydroxy-5-substituted 2-pyrrolidinones: syntheses of streptopyrrolidine and 3-epi-epohelmin A. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1485-1499	5.2	19
43	Carbon-hydrogen activation in China. <i>Science China Chemistry</i> , 2015 , 58, 1245-1248	7.9	3
42	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
41	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
40	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
39	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfurblefin ligands in asymmetric synthesis. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 73-89	5.2	56
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	Resolution of Chiral Drugs 2011 , 137-194		3
27	Overview of Chirality and Chiral Drugs 2011 , 3-28		13

26	Chiral Drugs via Biocatalytical Approaches 2011 , 77-136		1
25	Fluorine-Containing Chiral Drugs 2011 , 195-251		11
24	Structural Basis and Computational Modeling of Chiral Drugs 2011 , 297-321		1
23	Pharmacokinetics of Chiral Drugs 2011 , 347-379		2
22	Industrial Application of Chiral Technologies 2011 , 253-296		0
21	Pharmacology of Chiral Drugs 2011 , 323-345		3
20	Chiral Drugs through Asymmetric Synthesis 2011 , 29-76		5
19	Representative Chiral Drugs 2011 , 401-448		1
18	Toxicology of Chiral Drugs 2011 , 381-399		1
17	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
16	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
15	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 , 12, 27-31	4.9	3
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	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
12	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
11	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
10	The First Total Synthesis of 4,4?-Biisofraxidin. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1263-1267	4.9	11
9	Lipase-Catalyzed Resolutions of both Enantiomers of Ornidazole and Secnidazole. <i>Chinese Journal of Chemistry</i> , 2010 , 21, 853-857	4.9	3

- 8 An advance on exploring N-tert-butanesulfinyl imines in asymmetric synthesis of chiral amines. *Accounts of Chemical Research*, **2008**, 41, 831-40 24.3 242
- 7 Enantioselective Dihydroxylation of Alkenes Catalyzed by a PEG-Bound Bi-Cinchona Alkaloid Ligand. *Chinese Journal of Chemistry*, **2005**, 23, 68-70 4.9 2
- 6 A new reagent system for modified Ullmann-type coupling reactions: NiCl₂(PPh₃)₂/PPh₃/Zn/NaH/toluene. *Journal of Organic Chemistry*, **2001**, 66, 2877-80 4.2 60
- 5 Chiral sulfonamide induced enantioselective protonation of samarium enolate in the reaction of alpha,beta-unsaturated ester with ketone. *Organic Letters*, **2000**, 2, 3773-6 6.2 31
- 4 An efficient and convenient approach to the total synthesis of sphingofungin. *Journal of Organic Chemistry*, **2000**, 65, 9114-9 4.2 38
- 3 Sex pheromone components of mulberry looper, *Hemerophila atrilineata* butler (Lepidoptera: Geometridae). *Journal of Chemical Ecology*, **1996**, 22, 2263-71 2.7 11
- 2 Chiral Synthesis of Pharmaceutical Intermediates Using Oxynitrilases 89-109
- 1 Tandem Reactions involving 1,4-Palladium Migrations. *Chemistry - an Asian Journal*, 4.5 4