

# Guixia Liu

## List of Publications by Year in descending order

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41  
papers

1,993  
citations

304743

22  
h-index

302126

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Transfer Hydrogenation of Diaryl Ketones with Ethanol Catalyzed by Chiral $\pi$ -NCP Pincer Iridium Complexes. Chinese Journal of Chemistry, 2022, 40, 1131-1136.	4.9	7
2	Iron Catalyzed Isomerization of $\alpha$ -Alkyl Styrenes to Access Trisubstituted Alkenes. Chinese Journal of Chemistry, 2021, 39, 585-589.	4.9	14
3	Iron-Catalyzed Regio- and Stereoselective Hydrosilylation of 1,3-Enynes To Access 1,3-Dienylsilanes. Organic Letters, 2021, 23, 2375-2379.	4.6	16
4	Ru-Catalyzed Site-Selective Aliphatic C-H Bond Silylation of Amides and Carbamides. Organometallics, 2021, 40, 2365-2370.	2.3	7
5	Pincer Iron Hydride Complexes for Alkene Isomerization: Catalytic Approach to Trisubstituted $\alpha$ -Alkenyl Boronates. ACS Catalysis, 2021, 11, 10138-10147.	11.2	22
6	Ruthenium-Catalyzed Dual Dehydrogenative Silylation of C(sp <sup>3</sup> )-H Bonds: Access to Diverse Silicon-Centered Spirocycles. Organic Letters, 2021, 23, 7603-7607.	4.6	6
7	Site-Selective Acceptorless Dehydrogenation of Aliphatics Enabled by Organophotoredox/Cobalt Dual Catalysis. Journal of the American Chemical Society, 2021, 143, 16470-16485.	13.7	65
8	Chiral Iridium Complexes of Anionic NCP Pincer Ligand for Asymmetric Transfer Hydrogenation of 1,1-Diarylethenes with Ethanol. Organic Letters, 2021, 23, 8978-8983.	4.6	8
9	Ruthenium-Catalyzed Hydrodefluorination with Silane as the Directing and Reducing Group. Organic Letters, 2020, 22, 9298-9302.	4.6	10
10	Double-Linear Insertion Mode of $\alpha$ -Dienes Enabled by Thio-imino-quinoline Iron Catalyst. ACS Catalysis, 2020, 10, 15092-15103.	11.2	7
11	N-Bridged Pincer Iridium Complexes for Highly Efficient Alkane Dehydrogenation and the Relevant Linker Effects. ACS Catalysis, 2020, 10, 6475-6487.	11.2	25
12	Recent Advances in $\alpha$ -Coordination-Insertion Copolymerization of Ethylene with Polar Functionalized Comonomers. Chinese Journal of Chemistry, 2020, 38, 1445-1448.	4.9	12
13	NCP-Type Pincer Iridium Complexes Catalyzed Transfer-Dehydrogenation of Alkanes and Heterocycles. Chinese Journal of Chemistry, 2020, 38, 837-841.	4.9	18
14	Dehydrogenation of Primary Alkyl Azides to Nitriles Catalyzed by Pincer Iridium/Ruthenium Complexes. ChemCatChem, 2020, 12, 3661-3665.	3.7	6
15	Ligand controlled cobalt catalyzed regiodivergent 1,2-hydroboration of 1,3-dienes. Science China Chemistry, 2019, 62, 336-340.	8.2	18
16	A BEt <sub>3</sub> -Base Catalyst for Amide Reduction with Silane. Journal of Organic Chemistry, 2019, 84, 6084-6093.	3.2	34
17	Cobalt-Catalyzed Asymmetric Hydrogenation of Vinylsilanes with a Phosphine-Pyridine-Oxazoline Ligand: Synthesis of Optically Active Organosilanes and Silacycles. Organometallics, 2019, 38, 3906-3911.	2.3	26
18	A highly efficient cobalt-catalyzed deuterogenolysis of diboron: Synthesis of deuterated pinacolborane and vinylboronates. Tetrahedron, 2019, 75, 4138-4142.	1.9	8

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19	Recent advances in tridentate iron and cobalt complexes for alkene and alkyne hydrofunctionalizations. <i>Coordination Chemistry Reviews</i> , 2019, 386, 138-153.	18.8	139
20	Cobalt-Catalyzed Regio- and Enantioselective Markovnikov 1,2-Hydrosilylation of Conjugated Dienes. <i>ACS Catalysis</i> , 2019, 9, 1612-1618.	11.2	89
21	Transfer Hydrogenation of Alkenes Using Ethanol Catalyzed by a NCP Pincer Iridium Complex: Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2018, 140, 4417-4429.	13.7	131
22	Cobalt-Catalyzed Hydroboration and Borylation of Alkenes and Alkynes. <i>Synlett</i> , 2018, 29, 1421-1429.	1.8	54
23	Mixed Diboration of Alkynes Catalyzed by LiOH: Regio- and Stereoselective Synthesis of <i>cis</i> -1,2-Diborylalkenes. <i>Organic Letters</i> , 2018, 20, 7363-7366.	4.6	32
24	A New Phosphine-Amine-Oxazoline Ligand for Ru-Catalyzed Asymmetric Hydrogenation of <i>N</i> -Phosphinylimines. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1151-1155.	4.9	10
25	Rhodium(III)-Catalyzed Cascade Redox-Neutral C-H Functionalization and Aromatization: Synthesis of Unsymmetrical <i>ortho</i> -Biphenols. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1643-1648.	4.3	24
26	Pincer Ruthenium Catalyzed Intramolecular Silylation of C(sp <sup>2</sup> )-H Bonds. <i>Synlett</i> , 2017, 28, 2468-2472.	1.8	4
27	Ruthenium-Catalyzed Site-Selective Intramolecular Silylation of Primary C-H Bonds for Synthesis of Sila-Heterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 11601-11609.	13.7	62
28	Stereoselective Synthesis of Trisubstituted Alkenes via Cobalt-Catalyzed Double Dehydrogenative Borylations of 1-Alkenes. <i>ACS Catalysis</i> , 2017, 7, 6419-6425.	11.2	93
29	Rhodium(III)-Catalyzed Cascade Cyclization/Electrophilic Amidation for the Synthesis of 3-Amidoindoles and 3-Amidofurans. <i>Organic Letters</i> , 2016, 18, 2058-2061.	4.6	45
30	Regiocontrolled Coupling of Aromatic and Vinylic Amides with $\beta$ -Allenols To Form $\beta$ -Lactams via Rhodium(III)-Catalyzed C-H Activation. <i>Organic Letters</i> , 2016, 18, 5668-5671.	4.6	85
31	Rhodium(III) Catalyzed Carboamination of Alkenes Triggered by C-H Activation of <i>N</i> -Phenoxyacetamides under Redox-Neutral Conditions. <i>Organic Letters</i> , 2016, 18, 1702-1705.	4.6	74
32	Rhodium(III)-Catalyzed Redox-Neutral C-H Annulation of Arylnitrones and Alkynes for the Synthesis of Indole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2944-2950.	4.3	52
33	Cascade Synthesis of 3-Alkylidene Dihydrobenzofuran Derivatives via Rhodium(III)-Catalyzed Redox-Neutral C-H Functionalization/Cyclization. <i>Organic Letters</i> , 2015, 17, 5874-5877.	4.6	64
34	Synthesis of benzofurans via ruthenium-catalyzed redox-neutral C-H functionalization and reaction with alkynes under mild conditions. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1161-1165.	4.5	60
35	Rhodium(III)-Catalyzed Redox-Neutral Coupling of <i>N</i> -Phenoxyacetamides and Alkynes with Tunable Selectivity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6033-6037.	13.8	293
36	Cationic Palladium-Catalyzed [5+2] Annulation: Synthesis of $\beta$ -Benzoxepines from $\alpha$ -Aroylmethoxyarylboronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2247-2252.	4.3	44

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37	Cationic Palladium Complex Catalyzed Highly Enantioselective Intramolecular Addition of Arylboronic Acids to Ketones. A Convenient Synthesis of Optically Active Cycloalkanols. Journal of the American Chemical Society, 2006, 128, 16504-16505.	13.7	137
38	Synthesis and photoluminescence of Y <sub>2</sub> O <sub>3</sub> :RE <sup>3+</sup> (RE=Eu, Tb, Dy) porous nanotubes templated by carbon nanotubes. Journal of Nanoscience and Nanotechnology, 2006, 6, 120-4.	0.9	0
39	Synthesis and characterization of SiO <sub>2</sub> /Gd <sub>2</sub> O <sub>3</sub> :Eu core-shell luminescent materials. Journal of Colloid and Interface Science, 2004, 278, 133-138.	9.4	90
40	Undirected, Asymmetric Alkyl Group Functionalizations through Alkane Dehydrogenation. Organic Letters, 0, , .	4.6	3
41	Dehydrogenation Based Asymmetric Epoxidation of Arylalkanes to Chiral Epoxides. Chinese Journal of Chemistry, 0, , .	4.9	7