Renhua Qiu

List of Publications by Year
in descending order

109 papers	2,945 citations	159585 30 h-index	197818 49 g-index
128 all docs	128 docs citations	128 times ranked	2940 citing authors

#	Article	IF	Citations
1	Industrial Cunninghamia lanceolata carbon supported FeO(OH) nanoparticles-catalyzed hydrogenation of nitroarenes. Catalysis Communications, 2022, 162, 106398.	3.3	5
2	UV-Light-Induced Dehydrogenative N-Acylation of Amines with 2-Nitrobenzaldehydes To Give 2-Aminobenzamides. Synthesis, 2022, 54, 2361-2372.	2.3	4
3	One-Pot Three-Component Coupling Reaction of Î±-Amino Aryl Ketones, Indoles, and Perbromomethane Under Mild Conditions. Frontiers in Chemistry, 2022, 10, 825772.	3.6	0
4	Cu-Catalyzed Dual Câ€“O Bonds Cleavage of Cyclic Ethers with Carboxylic Acids, NaI, and TMSCF₃ to Give Iodoalkyl Ester. Organic Letters, 2022, 24, 2826-2831.	4.6	6
5	A pH-Dependent rhodamine fluorophore with antiproliferative activity of bladder cancer inÂVitro/Vivo and apoptosis mechanism. European Journal of Medicinal Chemistry, 2022, 236, 114293.	5.5	4
6	Nickel- and Palladium-Catalyzed Cross-Coupling of Stibines with Organic Halides: Site-Selective Sequential Reactions with Polyhalogenated Arenes. ACS Catalysis, 2022, 12, 854-867.	11.2	9
7	Cu(I)-Catalyzed Câ€“H Alkenylation of Tertiary C(sp³)â€“H Bonds of 3-Aryl Benzofuran-2(3H)-ones to Give Z- and E-Styrene Containing Quaternary Carbon Centers with 99/1 Regioselectivity. Journal of Organic Chemistry, 2022, 87, 6064-6074.	3.2	4
8	Cu-catalyzed cross-coupling of chlorostibine with terminal alkynes to give Sb-alkynyl stibines and products transformation. Journal of Organometallic Chemistry, 2022, 973-974, 122352.	1.8	1
9	One-pot synthesis of phosphorylnaphth[2,1-d]oxazoles and products as P,N-ligands in Câ€“N and Câ€“C formation. Organic and Biomolecular Chemistry, 2022, 20, 4110-4114.	2.8	1
10	Pd-Catalyzed Cross-Coupling of Sb-Aryl Stibines with Halogenomethyl Arenes to Give Unsymmetirc Diarylmethanes. Organic Letters, 2022, 24, 3155-3160.	4.6	7
11	FeO(OH)@Câ€Catalyzed Selective Hydrazine Substitution of p â€Nitroâ€Aryl Fluorides and their Application for the Synthesis of Phthalazinones. ChemistryOpen, 2022, 11, e202200023.	1.9	3
12	Synthesis of (Deoxy)difluoromethylated Phosphines by Reaction of R₂P(O)H with TMSCF₃ and Their Application in Cu(I) Clusters in Sonogashira Coupling. Journal of Organic Chemistry, 2022, 87, 7720-7733.	3.2	5
13	CF₃SO₂Na-Mediated Five-Component Carbonylation of Triarylboroxines with TMSCF₃ and THF/LiOH/NaI to Give Aroyloxyalkyl Iodides. Journal of Organic Chemistry, 2022, 87, 9635-9644.	3.2	2
14	Copper-Catalyzed Regioselective Olefination and Trifluoromethylation of Carboxylic Acids To Give (Z)-Trifluoromethyl Enol Esters. Organic Letters, 2022, 24, 5197-5202.	4.6	4
15	Nickelâ€•and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie, 2021, 133, 3141-3151.	2.0	2
16	Nickelâ€•and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie - International Edition, 2021, 60, 3104-3114.	13.8	14
17	Reviews on Biological Activity, Clinical Trial and Synthesis Progress of Small Molecules for the Treatment of COVID-19. Topics in Current Chemistry, 2021, 379, 4.	5.8	15
18	Recent Advances on Benzofuranones: Synthesis and Transformation via Câ€“H Functionalization. Synthesis, 2021, 53, 3193-3210.	2.3	2

#	Article	IF	Citations
19	Recent Progress on Synthesis of N,Nâ€²-Chelate Organoboron Derivatives. Molecules, 2021, 26, 1401.	3.8	6
20	Nickel-Catalyzed N,N-Diarylation of 8-Aminoquinoline with Large Steric Aryl Bromides and Fluorescence of Products. Organic Letters, 2021, 23, 2514-2520.	4.6	8
21	UV-Light-Induced N-Acylation of Amines with Î±-Diketones. Organic Letters, 2021, 23, 5329-5333.	4.6	10
22	Pd-Catalyzed Cross-Coupling of Organostibines with Styrenes to Give Unsymmetric (E)-Stilbenes and (1E,3E)-1,4-Diarylbuta-1,3-dienes and Fluorescence Properties of the Products. Organic Letters, 2021, 23, 5317-5322.	4.6	14
23	Synthesis and structure of the bimetallic organoantimony catalyst and its application in diastereoselective direct Mannich reaction as facile separation catalytic system. Journal of Organometallic Chemistry, 2021, 942, 121820.	1.8	0
24	Photo-Induced Nâ€“N Coupling of o-Nitrobenzyl Alcohols and Indolines To Give N-Aryl-1-amino Indoles. Organic Letters, 2021, 23, 6417-6422.	4.6	5
25	I₂-Mediated Cross-Dehydrogenative Coupling and Amidation of 3-Aryl Benzofuranones with Aryl Amines for the Synthesis of 3,3-Diaryl Indolin-2-ones. Journal of Organic Chemistry, 2021, 86, 2965-2973.	3.2	7
26	2-Aryl-perfluorobenzoxazoles: synthesis, fluorescence properties and synthetic applications in cubic platinum nanoparticles. Journal of Materials Chemistry C, 2021, 9, 12545-12549.	5.5	2
27	Recent Progress on Photocatalytic Synthesis of Ester Derivatives and Reaction Mechanisms. Topics in Current Chemistry, 2021, 379, 42.	5.8	8
28	CF₃SO₂Na-Mediated, UV-Light-Induced Friedelâ€“Crafts Alkylation of Indoles with Ketones/Aldehydes and Bioactivities of Products. Organic Letters, 2020, 22, 827-831.	4.6	37
29	Copper-Catalyzed Amination of C(sp³)â€“H bonds: From Anilides to Indolines. Journal of Organic Chemistry, 2020, 85, 482-492.	3.2	11
30	Iodine-Catalyzed Synthesis of N,Nâ€²-Chelate Organoboron Aminoquinolate. Journal of Organic Chemistry, 2020, 85, 12430-12443.	3.2	4
31	Nickel-Catalyzed Decarbonyloxidation of 3-Aryl Benzofuran-2(3H)-ones to 2-Hydroxybenzophenones. Journal of Organic Chemistry, 2020, 85, 8533-8543.	3.2	8
32	Remote Câ€“H Functionalization of 8-Aminoquinoline Ring. Topics in Current Chemistry, 2020, 378, 42.	5.8	13
33	Synthesis of Triarylmethanes by Decarbonylation of 3,3-Diaryl Benzofuranones. Journal of Organic Chemistry, 2020, 85, 5300-5311.	3.2	13
34	Recent Progress of Protecting Groups for Terminal Alkynes. Chinese Journal of Organic Chemistry, 2020, 40, 3112.	1.3	1
35	Nickel-Catalyzed Remote C4â€“H Arylation of 8-Aminoquinolines. Organic Letters, 2019, 21, 6785-6789.	4.6	18
36	Cu-Catalyzed Cross-Dehydrogenative Coupling of Heteroaryl C(sp²)â€“H and Tertiary C(sp³)â€“H Bonds for the Construction of All-Carbon Triaryl Quaternary Centers. Organic Letters, 2019, 21, 5152-5156.	4.6	35

#	Article	IF	Citations
37	Establishing the correlation between catalytic performance and Nâ†'Sb donorâ€"acceptor interaction: systematic assessment of azastibocine halide derivatives as water tolerant Lewis acids. Dalton Transactions, 2019, 48, 8478-8487.	3.3	23
38	Recyclable nickel-catalyzed Câ€"H/Oâ€"H dual functionalization of phenols with mandelic acids for the synthesis of 3-aryl benzofuran-2(3H)-ones under solvent-free conditions. Green Chemistry, 2019, 21, 2015-2022.	9.0	17
39	Photocatalystâ€free Synthesis of Indazolones under CO₂ Atmosphere. Chemistry - an Asian Journal, 2019, 14, 1436-1442.	3.3	12
40	Carbonâ€"Carbon Bond Formation of Trifluoroacetyl Amides with Grignard Reagents via C(O)â€"CF3 Bond Cleavage. Journal of Organic Chemistry, 2019, 84, 5635-5644.	3.2	14
41	Copperâ€Catalyzed Oxidative C(sp³)â^'H/Nâ^'H Crossâ€Coupling of Hydrocarbons with P(O)â^'NH Compounds: the Accelerating Effect Induced by Carboxylic Acid Coproduct. Advanced Synthesis and Catalysis, 2019, 361, 1689-1696.	4.3	1
42	Grapheneâ€Encapsulated FeS₂ in Carbon Fibers as High Reversible Anodes for Na⁺/K⁺ Batteries in a Wide Temperature Range. Small, 2019, 15, e1804740.	10.0	115
43	Alkyl Sulfides as Promising Sulfur Sources: Metalâ€Free Synthesis of Aryl Alkyl Sulfides and Dialkyl Sulfides by Transalkylation of Simple Sulfides with Alkyl Halides. Chemistry - an Asian Journal, 2018, 13, 3833-3837.	3.3	6
44	Zirconocene-catalysed biodiesel synthesis from vegetable oil with high free fatty acid contents. Journal of Organometallic Chemistry, 2018, 870, 116-120.	1.8	8
45	Chelation-assisted Câ€"N cross-coupling of phosphinamides and aryl boronic acids with copper powder at room temperature. Organic and Biomolecular Chemistry, 2018, 16, 4065-4070.	2.8	9
46	Ni-Catalyzed Dimerization and Hydroperfluoroarylation of 1,3-Dienes. Journal of Organic Chemistry, 2018, 83, 9267-9277.	3.2	22
47	Intramolecular, Site-Selective, Iodine-Mediated, Amination of Unactivated (sp³)Câ€"H Bonds for the Synthesis of Indoline Derivatives. Organic Letters, 2017, 19, 2793-2796.	4.6	37
48	Recent advances of catalytic processes on the transformation of alkynes into functional compounds. Chemical Engineering Science, 2017, 171, 404-425.	3.8	29
49	Metalâ€"free C5â€H Bromination of Quinolines for Oneâ€pot Câ^'X (X=C, O, S) Bond Formations. Advanced Synthesis and Catalysis, 2017, 359, 2864-2873.	4.3	28
50	Zirconocene-catalyzed direct (trans)esterification of acyl acids (esters) and alcohols in a strict 1â€‰:â€‰1 ratio under solvent-free conditions. Green Chemistry, 2017, 19, 5396-5402.	9.0	22
51	Nickel-catalysed direct alkylation of thiophenes via double C(sp³)â€"H/C(sp²)â€"H bond cleavage: the importance of KH₂PO₄. Chemical Communications, 2017, 53, 8316-8319.	4.1	50
52	Recent Advances on the C-H Bond Functionalization on C(5) Position of 8-Aminoquinolines. Chinese Journal of Organic Chemistry, 2017, 37, 1613.	1.3	15
53	Iodine-Promoted Synthesis of Thioamides from 1,2-DibenzylÂsulfane and Difurfuryl Disulfide. Synlett, 2016, 27, 2339-2344.	1.8	16
54	Copper Catalysis for Selective Heterocoupling of Terminal Alkynes. Journal of the American Chemical Society, 2016, 138, 12348-12351.	13.7	127

#	Article	IF	Citations
55	Surface modification of adamantane-terminated gold nanoclusters using cyclodextrins. Physical Chemistry Chemical Physics, 2016, 18, 23358-23364.	2.8	26
56	Calix[4]arene-assisted KOH-catalyzed synthesis of O,O-dialkyl-Se-aryl phosphoroselenoates. Journal of Organometallic Chemistry, 2016, 818, 123-127.	1.8	11
57	Facile synthesis of highly active Pd-Cu nanowires catalyst through a simple wet-chemical strategy for ligand-free Suzuki cross coupling reaction. Applied Catalysis A: General, 2016, 522, 188-193.	4.3	42
58	Airâ€stable Organobismuth(V) Bisperfluorooctanesulfonate as an Efficient Catalyst for the Synthesis of Nâ€Containing Compounds. Advanced Synthesis and Catalysis, 2016, 358, 1302-1308.	4.3	23
59	Nickel-Catalyzed Regioselective Cleavage of C_{sp²}â€“S Bonds: Method for the Synthesis of Tri- and Tetrasubstituted Alkenes. Journal of Organic Chemistry, 2016, 81, 3246-3255.	3.2	48
60	Strong Lewis acids of air-stable binuclear triphenylantimony(V) complexes and their catalytic application in Câ€“C bond-forming reactions. Tetrahedron, 2015, 71, 4275-4281.	1.9	35
61	Fe-Mediated Sâ€“S Bond Cleavage and Its Application in the Synthesis of Î±-Arylthio Carbonyl Compounds. Synthetic Communications, 2015, 45, 1817-1822.	2.1	10
62	Cu(ii)@Luviset clear as recyclable catalyst for the formation of Câ€“C bond in homo-coupling of terminal alkynes. RSC Advances, 2015, 5, 96372-96376.	3.6	5
63	Copper-Mediated Remote Câ€“H Bond Chalcogenation of Quinolines on the C5 Position. Organic Letters, 2015, 17, 5528-5531.	4.6	120
64	Silver-containing microemulsion as a high-efficient and recyclable catalytic system for hydration of alkynes. Journal of Organometallic Chemistry, 2015, 799-800, 122-127.	1.8	17
65	Synthesis and structure of an air-stable bis(isopropylcyclopentadienyl) zirconium perfluorooctanesulfonate and its catalyzed benzylation of 1,3-dicarbonyl derivatives with alcohols. Tetrahedron, 2015, 71, 1011-1017.	1.9	14
66	Air-stable zirconocene bis(perfluorobutanesulfonate) as a highly efficient catalyst for synthesis of N-heterocyclic compounds. Journal of Organometallic Chemistry, 2015, 785, 61-67.	1.8	21
67	Synthesis, characterization and applications of selenocysteine-responsive nanoprobe based on dinitrobenzene sulfonyl-modified poly(carbonate) micelles. RSC Advances, 2015, 5, 69299-69306.	3.6	12
68	Cesium-Catalyzed Regioselective Synthesis of Trisubstituted Heteroatom Alkenes: A New Strategy for the Preparation of Functional Alkenes. Organic Letters, 2015, 17, 2162-2165.	4.6	23
69	Copper-mediated thiolation of carbazole derivatives and related N-heterocycle compounds. RSC Advances, 2015, 5, 39358-39365.	3.6	52
70	Nickel-catalyzed synthesis of diarylsulfides and sulfones via Câ€“H bond functionalization of arylamides. Organic and Biomolecular Chemistry, 2015, 13, 6803-6813.	2.8	95
71	Enhanced catalytic performance of Pdâ€“Pt nanodendrites for ligand-free Suzuki cross-coupling reactions. RSC Advances, 2015, 5, 28467-28473.	3.6	23
72	Nickel-Catalyzed Direct Thiolation of C(sp³)â€“H Bonds in Aliphatic Amides. Organic Letters, 2015, 17, 1970-1973.	4.6	131

#	Article	IF	Citations
73	Cesium hydroxide-catalyzed isomerization of terminal alkynes for the synthesis of O-allenes and N-allenes. Tetrahedron Letters, 2015, 56, 5504-5507.	1.4	14
74	Nickel-Catalyzed Direct C (sp³)â€“H Arylation of Aliphatic Amides with Thiophenes. Organic Letters, 2015, 17, 5228-5231.	4.6	43
75	The Palladium-Catalyzed Intermolecular Câ€“H Chalcogenation of Arenes. Journal of Organic Chemistry, 2015, 80, 367-374.	3.2	112
76	KOH-Catalyzed Synthesis ofO,O-Dialkyl-S-aryl Phosphoroselenoates Activated by Novel Calix[4]arene. Chinese Journal of Organic Chemistry, 2015, 35, 2636.	1.3	2
77	Iron-Mediated Cleavage of Seâ€”Se Bond for the Synthesis ofÎ±-Arylseleno Carbonyl Compounds. Chinese Journal of Organic Chemistry, 2015, 35, 731.	1.3	1
78	Synthesis, characterization and anti-proliferative activity of heterocyclic hypervalent organoantimony compounds. European Journal of Medicinal Chemistry, 2014, 79, 391-398.	5.5	51
79	Synthesis and structure of an air-stable Î¼2-hydroxy-bridged binuclear complex of bis(methylcyclopentadienyl)dizirconium(IV) perfluorooctanesulfonate and its application in Lewis acid-catalyzed reactions. Journal of Organometallic Chemistry, 2014, 749, 241-245.	1.8	7
80	Strong Lewis acid air-stable cationic titanocene perfluoroalkyl(aryl)sulfonate complexes as highly efficient and recyclable catalysts for Câ€“C bond forming reactions. Dalton Transactions, 2014, 43, 11696-11708.	3.3	21
81	Organoantimony and organobismuth complexes for CO₂fixation. RSC Advances, 2014, 4, 11907-11918.	3.6	31
82	Synthesis and structure of an air-stable binuclear complex of bis(ethylcyclopentadienyl)zirconium perfluorooctanesulfonate and its catalytic application in one-pot three-component aza-Friedelâ€“Crafts reactions. Tetrahedron Letters, 2014, 55, 120-123.	1.4	17
83	Air-stable zirconocene bis(perfluorobutanesulfonate) as a highly efficient catalyst for synthesis of Î±-aminophosphonates via Kabachnikâ€“Fields reaction under solvent-free condition. Catalysis Communications, 2014, 43, 184-187.	3.3	32
84	Co3O4 of regular cubic shape as high-efficiency catalyst for the preparation of lactones through the Baeyerâ€“Villiger oxidation of cyclic ketones with dioxygen. Reaction Kinetics, Mechanisms and Catalysis, 2013, 109, 525-535.	1.7	7
85	Synthesis and structures of hypervalent organoantimony and organobismuth chlorides containing asymmetric C,E,C-chelating (E = O, S) ligands. Dalton Transactions, 2013, 42, 9476.	3.3	18
86	Rhodium-Catalyzed Intermolecular Oxidative Cross-Coupling of (Hetero)Arenes with Chalcogenophenes. Organic Letters, 2013, 15, 1290-1293.	4.6	90
87	Synthesis and Structures of Airâ€Stable Binuclear Hafnocene Perfluorobutanesulfonate and Perfluorobenzenesulfonate and their Catalytic Application in Cï£¿C Bondâ€Forming Reactions. Advanced Synthesis and Catalysis, 2013, 355, 2430-2440.	4.3	19
88	Synthesis, Structure and Applications of Hypervalent Organoantimony Compounds Having Intramolecular Eâ†'Sb (E = N, O, S) Coordinations. Current Organic Chemistry, 2012, 16, 2462-2481.	1.6	25
89	Zirconocene Bis(perfluorooctanesulfonate)s-Catalyzed Highly Efficient Synthesis of 1,3,5-Triaryl Benzene via Cyclotrimerization of Ketones. Synthetic Communications, 2012, 42, 858-864.	2.1	16
90	A mini-review on air-stable organometallic Lewis acids: synthesis, characterization, and catalytic application in organic synthesis. RSC Advances, 2012, 2, 10774.	3.6	54

#	Article	IF	Citations
91	Strong Lewis Acids of Airâ€Stable Metallocene Bis(perfluorooctanesulfonate)s as Highâ€Efficiency Catalysts for Carbonylâ€Group Transformation Reactions. Chemistry - A European Journal, 2012, 18, 6172-6182.	3.3	51
92	Synthesis and Structure of Binuclear O/Sâ€Bridged Organobismuth Complexes and Their Cooperative Catalytic Effect on CO₂ Fixation. ChemPlusChem, 2012, 77, 404-410.	2.8	29
93	Zirconocene Bis(perfluorooctanesulfonate)s-Catalyzed the Reaction of Indoles and Carbonyl Compounds. Chinese Journal of Organic Chemistry, 2012, 32, 2390.	1.3	1
94	Facile and Green Synthesis of Î±,Î²-Unsaturated Ketone Catalyzed by Air-Stable Organobismuth Complex. Advances in Materials Physics and Chemistry, 2012, 02, 142-145.	0.7	0
95	Facile Regio- and Stereoselective Hydrometalation of Alkynes with a Combination of Carboxylic Acids and Group 10 Transition Metal Complexes: Selective Hydrogenation of Alkynes with Formic Acid. Journal of the American Chemical Society, 2011, 133, 17037-17044.	13.7	218
96	Effect of butterfly-shaped sulfur-bridged ligand and counter anions on the catalytic activity and diastereoselectivity of organobismuth complexes. Dalton Transactions, 2011, 40, 9482.	3.3	42
97	Highly Stereoselective Synthesis of 1,2-Diorganothio-1-alkenes via Hydrothiolation of Alkynyl Sulfides Catalyzed by Cesium Hydroxide. Chinese Journal of Chemistry, 2011, 29, 765-768.	4.9	4
98	Synthesis and structure of an air-stable organobismuth triflate complex and its use as a high-efficiency catalyst for the ring opening of epoxides in aqueous media with aromatic amines. Journal of Organometallic Chemistry, 2011, 696, 1579-1583.	1.8	42
99	Highly Efficient and Selective Synthesis of (E)â€Î±,Î²â€Unsaturated Ketones by Crossed Condensation of Ketones and Aldehydes Catalyzed by an Airâ€Stable Cationic Organobismuth Perfluorooctanesulfonate. Advanced Synthesis and Catalysis, 2010, 352, 153-162.	4.3	54
100	Air-stable titanocene bis(perfluorooctanesulfonate) as a new catalyst for acylation of alcohols, phenols, thiols, and amines under solvent-free condition. Journal of Organometallic Chemistry, 2010, 695, 1182-1188.	1.8	27
101	Synthesis and structure of an air-stable organoantimony complex and its use as a catalyst for direct diastereoselective Mannich reactions in water. Journal of Organometallic Chemistry, 2010, 695, 1487-1492.	1.8	37
102	Air-stable hypervalent organobismuth(III) tetrafluoroborate as effective and reusable catalyst for the allylation of aldehyde with tetraallyltin. Tetrahedron Letters, 2010, 51, 153-156.	1.4	52
103	Facile separation catalyst system: direct diastereoselective synthesis of (E)-Î±,Î²-unsaturated ketones catalyzed by an air-stable Lewis acidic/basic bifunctional organobismuth complex in ionic liquids. Green Chemistry, 2010, 12, 1767.	9.0	38
104	Synthesis and Structure of an Extremely Airâ€Stable Binuclear Hafnocene Perfluorooctanesulfonate Complex and Its Use in Lewis Acidâ€Catalyzed Reactions. Chemistry - A European Journal, 2009, 15, 6488-6494.	3.3	30
105	Metallocene bis(perfluoroalkanesulfonate)s as air-stable cationic Lewis acids. Journal of Organometallic Chemistry, 2009, 694, 1524-1528.	1.8	26
106	Synthesis and structure of an air-stable hypervalent organobismuth (III) perfluorooctanesulfonate and its use as high-efficiency catalyst for Mannich-type reactions in water. Journal of Organometallic Chemistry, 2009, 694, 3559-3564.	1.8	45
107	Synthesis and structure of an air-stable cationic organobismuth complex and its use as a highly efficient catalyst for the direct diastereoselective Mannich reaction in water. Chemical Communications, 2009, , 4759.	4.1	70
108	Synthesis and structure of air-stable Lewis acidic binuclear complex of zirconocene pentafluorophenylsulfonate and its catalytic application in the allylation of carbonyl compounds with tetraallyltin. Chemical Communications, 2009, , 1679.	4.1	39

#	Article	IF	Citations
109	Zirconocene bis(perfluorooctanesulfonate)s-catalyzed acylation of alcohols, phenols, thiols, and amines under solvent-free conditions. Catalysis Communications, 2009, 10, 1889-1892.	3.3	33