Honghua Rao

List of Publications by Year
in descending order

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25	1,752	471509 17	552781 26
papers	citations	h-index	g-index

41	41	41	1837
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Phosphoranation of Unactivated Alkynes with Phosphonium Cation To Achieve Isoquinoline Synthesis. Organic Letters, 2021, 23, 4023-4028.	4.6	15
2	Formation of Methylene Linkage for N-Heterocycles: Sequential Câ€“H and Câ€“O Bond Functionalization of Methanol with Cosolvent Water. Journal of Organic Chemistry, 2019, 84, 6928-6939.	3.2	19
3	Iron-Catalyzed Dehydrogenative sp³â€“sp² Coupling via Direct Oxidative Câ€“H Activation of Acetonitrile. Organic Letters, 2017, 19, 2226-2229.	4.6	90
4	Copper-Catalyzed Dehydrogenative C(sp²)â€“N Bond Formation via Direct Oxidative Activation of an Anilidic Nâ€“H Bond: Synthesis of Benzoimidazo[1,2-a]indoles. Journal of Organic Chemistry, 2017, 82, 10158-10166.	3.2	12
5	Silverâ€Catalyzed Intramolecular Câ€2 Selective Acylation of Indoles with Aldehydes: An Atomâ€Economical Entry to Indoleâ€Indolone Scaffolds. Advanced Synthesis and Catalysis, 2016, 358, 2059-2065.	4.3	25
6	Metal-free catalytic cascade to chromones: direct coupling of salicylaldehydes and activated alkynes triggered by aryloxyl radicals. RSC Advances, 2015, 5, 106350-106354.	3.6	5
7	K₂S₂O₈/arenesulfinate: an unprecedented thiolating system enabling selective sulfenylation of indoles under metal-free conditions. RSC Advances, 2014, 4, 49165-49169.	3.6	58
8	Tetraâ€nâ€butylammonium Bromide: A Simple but Efficient Organocatalyst for Alcohol Oxidation under Mild Conditions. Advanced Synthesis and Catalysis, 2014, 356, 1741-1746.	4.3	17
9	Metalâ€Free Oxidative Coupling: Xanthone Formation via Direct Annulation of 2â€Aryloxybenzaldehyde using Tetrabutylammonium Bromide as a Promoter in Aqueous Medium. Advanced Synthesis and Catalysis, 2013, 355, 2191-2196.	4.3	64
10	Visibleâ€Lightâ€Triggered Direct Benzoyloxylation of Electronâ€Rich Arenes at Room Temperature without Chelation Assistance. European Journal of Organic Chemistry, 2012, 2012, 6503-6507.	2.4	17
11	Ruthenium-Catalyzed Aldehyde Functionality Reshuffle: Selective Synthesis ofE-2-Arylcinnamaldehydes fromE-Î²-Bromostyrenes and Aryl Aldehydes. Journal of the American Chemical Society, 2012, 134, 16468-16471.	13.7	14
12	Rhodium-Catalyzed Xanthone Formation from 2-Aryloxybenzaldehydes via Cross-Dehydrogenative Coupling (CDC). Organic Letters, 2012, 14, 902-905.	4.6	112
13	Rhodiumâ€Catalyzed Aerobic Coupling between Aldehydes and Arenesulfinic Acid Salts: A Novel Synthesis of Aryl Ketones. Advanced Synthesis and Catalysis, 2011, 353, 1701-1706.	4.3	65
14	Highly (â‰¥98%) Stereoâ€and Regioselective Trisubstituted Alkene Synthesis of Wide Applicability via 1â€Haloâ€1â€alkyne Hydroâ€borationâ€“Tandem Negishiâ€“Suzuki Coupling or Organoborate Migratory Insertion. Advanced Synthesis and Catalysis, 2011, 353, 2981-2987.	4.3	60
15	Rearrangement of 2â€Aryloxybenzaldehydes to 2â€Hydroxybenzophenones by Rhodiumâ€Catalyzed Cleavage of Aryloxy Cï£¿O Bonds. Angewandte Chemie - International Edition, 2011, 50, 8936-8939.	13.8	40
16	Direct Synthesis of Aryl Ketones by Palladiumâ€Catalyzed Desulfinative Addition of Sodium Sulfinates to Nitriles. Chemistry - A European Journal, 2011, 17, 7996-7999.	3.3	117
17	Copper-Catalyzed Coupling Reactions. Synlett, 2011, 2011, 745-769.	1.8	15
18	Highly (â‰¥98â€‰%) Selective Trisubstituted Alkene Synthesis of Wide Applicability via Fluorideâ€Promoted Pdâ€Catalyzed Crossâ€Coupling of Alkenylboranes. Israel Journal of Chemistry, 2010, 50, 696-701.	2.3	17

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19	Highly Efficient Copperâ€Catalyzed Synthesis of Internal Alkynes via Aerobic Oxidative Arylation of Terminal Alkynes. Advanced Synthesis and Catalysis, 2010, 352, 458-462.	4.3	30
20	Alkyne Elementometalationâ"Pd-Catalyzed Cross-Coupling. Toward Synthesis of All Conceivable Types of Acyclic Alkenes in High Yields, Efficiently, Selectively, Economically, and Safely: â€œGreenâ€•Way. Journal of Organic Chemistry, 2010, 75, 3151-3182.	3.2	133
21	Easy Copperâ€Catalyzed Synthesis of Primary Aromatic Amines by Couplings Aromatic Boronic Acids with Aqueous Ammonia at Room Temperature. Angewandte Chemie - International Edition, 2009, 48, 1114-1116.	13.8	162
22	Copper-Catalyzed Arylation of Amines Using Diphenyl Pyrrolidine-2-phosphonate as the New Ligand.. ChemInform, 2006, 37, no.	0.0	0
23	A Versatile and Efficient Ligand for Copper-Catalyzed Formation of Cï£¿N, Cï£¿O, and Pï£¿C Bonds: Pyrrolidine-2-Phosphonic Acid Phenyl Monoester. Chemistry - A European Journal, 2006, 12, 3636-3646.	3.3	356
24	An Inexpensive and Efficient Copper Catalyst forN-Arylation of Amines, Amides and Nitrogen-Containing Heterocycles. Advanced Synthesis and Catalysis, 2006, 348, 2197-2202.	4.3	150
25	Copper-Catalyzed Arylation of Amines Using Diphenyl Pyrrolidine-2-phosphonate as the New Ligand. Journal of Organic Chemistry, 2005, 70, 8107-8109.	3.2	114