Meiming Luo

List of Publications by Year
in descending order

44 papers	1,300 citations	331670 21 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	1572 citing authors

#	Article	IF	Citations
1	Iron-catalyzed synthesis of arylsulfinates through radical coupling reaction. Chemical Communications, 2016, 52, 2980-2983.	4.1	96
2	Synthesis, Structure, and Catalytic Activity of Palladium(II) Complexes of New CNC Pincer-Type N-Heterocyclic Carbene Ligands. Organometallics, 2008, 27, 2268-2272.	2.3	90
3	Homocoupling of Arylboronic Acids Catalyzed by CuCl in Air at Room Temperature. European Journal of Organic Chemistry, 2011, 2011, 2519-2523.	2.4	84
4	Catalytic desulfitative homocoupling of sodium arylsulfinates in water using PdCl2 as the recyclable catalyst and O2 as the terminal oxidant. Green Chemistry, 2012, 14, 3436.	9.0	82
5	Catalytic Synthesis of 3-Thioindoles Using Bunte Salts as Sulfur Sources under Metal-Free Conditions. Journal of Organic Chemistry, 2016, 81, 4262-4268.	3.2	76
6	Iron-Catalyzed N-Arylsulfonamide Formation through Directly Using Nitroarenes as Nitrogen Sources. Journal of Organic Chemistry, 2015, 80, 3504-3511.	3.2	64
7	Low-Valent, High-Spin Chromium-Catalyzed Cleavage of Aromatic Carbonâ€“Nitrogen Bonds at Room Temperature: A Combined Experimental and Theoretical Study. Journal of the American Chemical Society, 2017, 139, 15182-15190.	13.7	62
8	Chemoselective Cross-Coupling between Two Different and Unactivated C(aryl)â€“O Bonds Enabled by Chromium Catalysis. Journal of the American Chemical Society, 2020, 142, 7715-7720.	13.7	57
9	Cyclic (Alkyl)(amino)carbene Ligand-Promoted Nitro Deoxygenative Hydroboration with Chromium Catalysis: Scope, Mechanism, and Applications. Journal of the American Chemical Society, 2021, 143, 1618-1629.	13.7	56
10	Kumada Arylation of Secondary Amides Enabled by Chromium Catalysis for Unsymmetric Ketone Synthesis under Mild Conditions. ACS Catalysis, 2018, 8, 5864-5868.	11.2	50
11	Accessing Difluoromethylated and Trifluoromethylated cisâ€Cycloalkanes and Saturated Heterocycles: Preferential Hydrogen Addition to the Substitution Sites for Dearomatization. Angewandte Chemie - International Edition, 2019, 58, 16785-16789.	13.8	44
12	Reduction of hydrazines to amines with aqueous solution of titanium(iii) trichloride. Organic and Biomolecular Chemistry, 2011, 9, 4977.	2.8	43
13	Chromium-Catalyzed Activation of Acyl Câ€“O Bonds with Magnesium for Amidation of Esters with Nitroarenes. Organic Letters, 2019, 21, 1912-1916.	4.6	43
14	Preparation of POSS-based organicâ€“inorganic hybrid mesoporous materials networks through Schiff base chemistry. European Polymer Journal, 2011, 47, 853-860.	5.4	41
15	A New Method for Nâˆ’N Bond Cleavage of N,N-Disubstituted Hydrazines to Secondary Amines and Direct Ortho Amination of Naphthol and Its Analogues. Journal of the American Chemical Society, 2008, 130, 5840-5841.	13.7	39
16	Hydrogenation of (Hetero)aryl Boronate Esters with a Cyclic (Alkyl)(amino)carbeneâ€“Rhodium Complex: Direct Access to cisâ€Substituted Borylated Cycloalkanes and Saturated Heterocycles. Angewandte Chemie - International Edition, 2019, 58, 6554-6558.	13.8	39
17	Chromium-Catalyzed, Regioselective Cross-Coupling of Câ€“O Bonds by Using Organic Bromides as Reactants. Synlett, 2017, 28, 2577-2580.	1.8	37
18	Reductive Cross-Coupling between Unactivated C(aryl)â€“N and C(aryl)â€“O Bonds by Chromium Catalysis Using a Bipyridyl Ligand. Journal of the American Chemical Society, 2020, 142, 12834-12840.	13.7	33

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19	Iron-catalyzed synthesis of benzoxazoles by oxidative coupling/cyclization of phenol derivatives with benzoyl aldehyde oximes. Chemical Communications, 2017, 53, 9886-9889.	4.1	27
20	A Convenient and General Reduction of Amides to Amines with Lowâ€Valent Titanium. Advanced Synthesis and Catalysis, 2013, 355, 2775-2780.	4.3	26
21	POSS-based hybrid porous materials with exceptional hydrogen uptake at low pressure. Microporous and Mesoporous Materials, 2014, 193, 35-39.	4.4	22
22	Chromium-Catalyzed Regioselective Kumada Arylative Cross-Coupling of C(aryl)â€“O Bonds with a Traceless Activation Strategy. Journal of Organic Chemistry, 2018, 83, 13549-13559.	3.2	22
23	Synthesis and catalytic activity of nickel(II) complexes of CNC pincer-type N-heterocyclic carbene ligands. Journal of Organometallic Chemistry, 2015, 788, 27-32.	1.8	21
24	New cyclen derivative ligand for thorium(IV) separation by solvent extraction. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 125-133.	1.5	16
25	Modular Arene Difunctionalization of Unactivated Câ€“O and Câ€“H Bonds by Sequential Chromium-Catalyzed Transformations. Organic Letters, 2019, 21, 6869-6873.	4.6	16
26	Poly(methyl methacrylate)/Methacrylâ€POSS Nanocomposites with Excellent Thermal Properties. Chinese Journal of Chemistry, 2010, 28, 2527-2532.	4.9	13
27	Regioselective and Chemoselective Reduction of Naphthols Using Hydrosilane in Methanol: Synthesis of the 5,6,7,8-Tetrahydronaphthol Core. Organic Letters, 2018, 20, 4159-4163.	4.6	13
28	Ironâ€Catalyzed Direct Alkylamination of Phenols with Oâ€Benzoylâ€Nâ€alkylhydroxylamines under Mild Conditions. Advanced Synthesis and Catalysis, 2016, 358, 3840-3846.	4.3	12
29	Directortho-Selective Amination of 2-Naphthol and Its Analogues with Hydrazines. Journal of Organic Chemistry, 2018, 83, 5082-5091.	3.2	11
30	Iron and Phenol Coâ€Catalysis for Rapid Synthesis of Nitriles under Mild Conditions. European Journal of Organic Chemistry, 2019, 2019, 4617-4623.	2.4	11
31	Preparation and characterization of polyhedral oligomeric silsesquioxaneâ€“titania aerogels. Journal of Porous Materials, 2013, 20, 1017-1022.	2.6	10
32	Chromium-Catalyzed Selective Cross-Electrophile Coupling between Unactivated C(aryl)â€“F and C(aryl)â€“O Bonds. Organometallics, 2022, 41, 561-568.	2.3	7
33	Methyl Salicylate as a Selective Methylation Agent for the Esterification of Carboxylic Acids. Synthesis, 2014, 46, 263-268.	2.3	6
34	Acyclic Palladium(II)â€•N â€heterocyclic Carbene Metallacrown Ether Complexes: Synthesis, Structure and Catalytic Activity. Chinese Journal of Chemistry, 2012, 30, 1423-1428.	4.9	5
35	Chromium-Catalyzed Borylative Coupling of Aliphatic Bromides with Pinacolborane by Hydrogen Evolution. Organometallics, 2021, 40, 2204-2208.	2.3	5
36	Catalystâ€free preparation of polyhedral oligomeric silsesquioxanes containing Organicâ€“Inorganic hybrid mesoporous nanocomposites. Journal of Applied Polymer Science, 2011, 121, 97-101.	2.6	4

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37	Group IV Mâ€POSS (M=Zr, Hf) Coordination Polymers. Chinese Journal of Chemistry, 2012, 30, 2591-2594.	4.9	4
38	Chromium-Catalyzed Ligand-Free Amidation of Esters with Anilines. Bulletin of the Chemical Society of Japan, 2021, 94, 762-766.	3.2	4
39	Catalytic Cleavage of Unactivated C(aryl)â€“P Bonds by Chromium. Organic Letters, 2022, 24, 1581-1586.	4.6	4
40	Chromium-catalyzed couplings of C(aryl)â€“SMe bonds for accessing arylated and alkylated benzaldehyde derivatives. Chemical Communications, 2022, 58, 7094-7097.	4.1	4
41	One-Step Synthesis of Unsymmetric 1,1'-Biaryl-2,2'-diamines by the Reaction of 2-Naphthols with Aryl Hydrazines. Chinese Journal of Organic Chemistry, 2018, 38, 443.	1.3	1
42	Preparation of Hybrid Nanocomposites from Polyhedral Oligomeric Silsesquioxane Through Heck Reactions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 631-634.	0.6	0
43	Preparation of Organic-Inorganic Hybrid Nanocomposites via Pd-Catalyzed Amination of Dibromobenzene with Octa(aminophenyl)silsesquioxane. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 279-283.	0.6	0
44	Preparation and characterization of low density Poly (Imino Imino Ketone) foam. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 700-704.	1.0	0