Jiajian Peng

List of Publications by Year
in descending order

27	274	1040056 9	940533 16
papers	citations	h-index	g-index

27	27	27	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multicomponent Reactions of Î²â€Ketosulfones and Formaldehyde in a Bioâ€Based Binary Mixture Solvent System Composed of Meglumine and Gluconic Acid Aqueous Solution. Advanced Synthesis and Catalysis, 2012, 354, 688-700.	4.3	44
2	Hydrosilylation catalysed by a rhodium complex in a supercritical CO2/ionic liquid system. New Journal of Chemistry, 2010, 34, 1330.	2.8	30
3	Preparation, structure, and properties of chitosan/cellulose/multiwalled carbon nanotube composite membranes and fibers. Journal of Applied Polymer Science, 2013, 128, 1193-1199.	2.6	30
4	An Alternative to Nitromethane as Solvent: The Promoting Influence of Nitroâ€Functionalized Imidazolium Salts for Synthesis and Catalysis. Advanced Synthesis and Catalysis, 2011, 353, 3473-3484.	4.3	26
5	Effect of triarylphosphane ligands on the rhodiumâ€catalyzed hydrosilylation of alkene. Applied Organometallic Chemistry, 2014, 28, 120-126.	3.5	22
6	Recent Progress in Transition Metal Complexes Catalyzed Hydrosilylation of Carbon-Carbon Multiple Bonds. Current Organic Chemistry, 2011, 15, 2802-2815.	1.6	19
7	Use of carboxylated polyethylene glycol as promoter for platinum-catalyzed hydrosilylation of alkenes. Applied Organometallic Chemistry, 2011, 25, 400-405.	3.5	14
8	Synthesis of platinum acetylide complexes and their application in curing silicone rubber by hydrosilylation. Applied Organometallic Chemistry, 2012, 26, 461-466.	3.5	14
9	Cobalt bis(2â€ethylhexanoate) and terpyridine derivatives as catalysts for the hydrosilylation of olefins. Applied Organometallic Chemistry, 2021, 35, .	3.5	10
10	Study on the antiâ€sulfurâ€poisoning characteristics of platinumâ€“acetylideâ€“phosphine complexes as catalysts for hydrosilylation reactions. Applied Organometallic Chemistry, 2014, 28, 454-460.	3.5	9
11	N-heterocyclic carbene platinum complexes functionalized with a polyether chain and silyl group: Synthesis and application as a catalyst for hydrosilylation. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 1271-1278.	1.6	7
12	Metal-free photocatalytic hydrosilylation of olefins in the presence of photoinitiators. New Journal of Chemistry, 2021, 45, 10383-10387.	2.8	7
13	Rapid Selective Defunctionalization of the Carbonyl Group of Î±,Î²-Unsaturated Ketones with Trialkoxylsilane/ZnX₂. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1621-1625.	1.6	6
14	Hydrosilylation Catalyzed with Rh(PPh₃)₃Cl/Ionic-Liquidâ€“Functionalized SiO₂. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 484-490.	1.6	5
15	Rh(PPh₃)₃Cl/Tetrakis(Dialkylamino)Phosphonium Salts as Thermoregulated and Recyclable Catalytic System for Hydrosilylation Reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2258-2266.	1.6	5
16	Effect of silylated triarylphosphine ligands on rhodiumâ€catalyzed hydrosilylation. Applied Organometallic Chemistry, 2016, 30, 905-910.	3.5	5
17	The synthesis of heterogenous Coâ€MOFs and application in the catalytic hydrosilylation of alkenes. Applied Organometallic Chemistry, 2022, 36, .	3.5	5
18	Impact of Substituents Attached to Nâ€Heterocyclic Carbenes on the Catalytic Activity of Copper Complexes in the Reduction of Carbonyl Compounds with Triethoxysilane. Chinese Journal of Chemistry, 2009, 27, 2121-2124.	4.9	4

#	Article	IF	Citations
19	Highly active cobalt complex catalysts used for alkene hydrosilylation. Applied Organometallic Chemistry, 2021, 35, e6315.	3.5	3
20	The Hydrosilylation and Cyanosilylation of Ketones Catalyzed using Metal Borohydrides. Current Organic Synthesis, 2019, 16, 276-282.	1.3	3
21	Hydrosilylation of Ketones Catalyzed with Mg-Al-O-t-Bu Hydrotalcite. Synthetic Communications, 2011, 41, 3689-3694.	2.1	1
22	Synthesis of novel poly(ethylene glycol)â€containing imidazoliumâ€functionalized phosphine ligands and their application in the hydrosilylation of olefins. Applied Organometallic Chemistry, 2018, 32, e4296.	3.5	1
23	The catalytic activity of alkali metal alkoxides and titanium alkoxides in the hydrosilylation of unfunctionalized olefins. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 83-86.	1.6	1
24	Hydrosilylation of alkenes catalyzed by Fe powder. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1-4.	1.6	1
25	Titanium-catalyzed hydrosilylation of olefins: A comparison study on Cp₂TiCl₂/Sm and Cp₂TiCl₂/LiAlH₄ catalyst system. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 64-68.	1.6	1
26	Hydrosilylation of Olefins with the Cp2TiCl2/Sm Catalytic System. Letters in Organic Chemistry, 2018, 15, 1042-1045.	0.5	1
27	Carboxylate-Functionalized P, N-Ligated Cobalt Catalysts for Alkene Hydrosilylation. Current Organic Synthesis, 2021, 18, 425-430.	1.3	0