

Yanhua Wang

List of Publications by Year in descending order

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36
papers

749
citations

471371

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37
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docs citations

37
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient and recyclable ruthenium nanoparticle catalyst for semihydrogenation of alkynes. <i>Catalysis Communications</i> , 2013, 38, 77-81.	1.6	55
2	Thermoregulated phase-transfer rhodium nanoparticle catalyst for hydrogenation in an aqueous/organic biphasic system. <i>Catalysis Communications</i> , 2010, 11, 542-546.	1.6	52
3	Highly efficient and recyclable rhodium nanoparticle catalysts for hydrogenation of quinoline and its derivatives. <i>Catalysis Science and Technology</i> , 2015, 5, 4746-4749.	2.1	50
4	Thermoregulated phase transfer ligands and catalysis. <i>Journal of Molecular Catalysis A</i> , 1999, 147, 131-136.	4.8	45
5	Poly(ethylene glycol)-stabilized Rh nanoparticles as efficient and recyclable catalysts for hydroformylation of olefins. <i>Catalysis Communications</i> , 2012, 27, 78-82.	1.6	38
6	Thermoregulated ionic liquids and their application for the hydroformylation of 1-dodecene catalyzed by Rh/TPPTS complex. <i>Applied Organometallic Chemistry</i> , 2008, 22, 620-623.	1.7	36
7	Rh nanoparticle catalyzed hydrogenation of olefins in thermoregulated ionic liquid and organic biphasic system. <i>Catalysis Communications</i> , 2012, 19, 70-73.	1.6	36
8	A new thermoregulated PEG biphasic system and its application for hydroformylation of 1-dodecene. <i>Journal of Molecular Catalysis A</i> , 2007, 261, 288-292.	4.8	34
9	Evidence of colloidal rhodium formation during the biphasic hydroformylation of 1-octene with thermoregulated phase-transfer phosphine rhodium(I) catalyst. <i>Applied Organometallic Chemistry</i> , 2005, 19, 81-89.	1.7	33
10	Thermoregulated phase-transfer ligands and catalysis. <i>Journal of Molecular Catalysis A</i> , 1999, 149, 113-117.	4.8	30
11	Hydroformylation of Higher Olefins by Thermoregulated Phase-Transfer Catalysis with Rhodium Nanoparticles. <i>Chinese Journal of Catalysis</i> , 2010, 31, 1191-1194.	6.9	28
12	Rh Nanoparticles Catalyzed Hydroformylation of Olefins in a Thermoregulated Ionic Liquid/Organic Biphasic System. <i>Chinese Journal of Catalysis</i> , 2012, 33, 402-406.	6.9	28
13	A Novel Thermoregulated Ionic Liquid and Organic Biphasic System With Rh Nanoparticles for Olefin Hydroformylation. <i>Catalysis Letters</i> , 2012, 142, 914-919.	1.4	26
14	Thermoregulated phase-transfer ligands and catalysis. <i>Applied Catalysis A: General</i> , 2002, 224, 21-25.	2.2	24
15	Using thermoregulated PEG biphasic system to effect the hydroformylation of p-isobutylstyrene catalyzed by Rh/OPGPP complex. <i>Journal of Molecular Catalysis A</i> , 2006, 248, 159-162.	4.8	24
16	Thermoregulated phase-transfer iridium nanoparticle catalyst: highly selective hydrogenation of the C=O bond for α,β -unsaturated aldehydes and the C=C bond for α,β -unsaturated ketones. <i>Catalysis Science and Technology</i> , 2016, 6, 7386-7390.	2.1	22
17	Thermoregulated phase-transfer rhodium nanoparticle catalyst for hydroaminomethylation of olefins. <i>Catalysis Communications</i> , 2013, 34, 73-77.	1.6	20
18	Highly active and recyclable Pt nanocatalyst for hydrogenation of quinolines and isoquinolines. <i>Applied Catalysis A: General</i> , 2018, 560, 37-41.	2.2	17

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19	Thermoregulated Phase-Separable Catalysis for Rh Nanoparticle Catalyzed Selective Hydrogenation of 1,5-Cyclooctadiene. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1871-1876.	6.9	15
20	Rh/TMPGP complex catalyzed hydroformylation of p-isobutylstyrene in thermoregulated PEG biphasic system. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 201-204.	4.8	14
21	Pd Nanoparticles in the Thermoregulated Ionic Liquid and Organic Biphasic System: An Efficient and Recyclable Catalyst for Heck Reaction. <i>Catalysis Letters</i> , 2013, 143, 200-205.	1.4	14
22	Thermoregulated poly(ethylene glycol) biphasic system with Pd nanoparticle catalysts for selective hydrogenation of cinnamaldehyde. <i>Chinese Journal of Catalysis</i> , 2013, 34, 674-678.	6.9	12
23	Rh Nanoparticle Catalyzed Hydroaminomethylation of 1-Octene in Thermoregulated Ionic Liquid and Organic Biphasic System. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5048-5052.	0.9	11
24	Reversible hydrogen-bond-selective phase transfer directed towards noble metal nanoparticles and its catalytic application. <i>RSC Advances</i> , 2016, 6, 6329-6335.	1.7	11
25	A high-performance and long-lived Rh nanocatalyst for hydroformylation of styrene. <i>New Journal of Chemistry</i> , 2018, 42, 6640-6643.	1.4	11
26	Novel Aqueous/Organic Biphasic System for Thermoregulated Phase-Transfer Catalysis with Rhodium Nanoparticles. <i>Chinese Journal of Catalysis</i> , 2011, 32, 1133-1137.	6.9	10
27	Highly efficient and recyclable chiral Pt nanoparticle catalyst for enantioselective hydrogenation of activated ketones. <i>Catalysis Communications</i> , 2018, 110, 55-58.	1.6	9
28	Atmospheric hydrogenation of $\hat{1}\pm$, $\hat{1}^2$ -unsaturated ketones catalyzed by highly efficient and recyclable Pd nanocatalyst. <i>Catalysis Communications</i> , 2019, 125, 10-14.	1.6	9
29	The thermoregulated ligand- $\hat{1}$ -palladium-catalyzed carbonylative Sonogashira coupling of aryl iodides with terminal alkynes in water. <i>Applied Organometallic Chemistry</i> , 2015, 29, 608-611.	1.7	7
30	A thermoregulated phase-separable chiral Pt nanocatalyst for recyclable asymmetric hydrogenation of $\hat{1}\pm$ -ketoesters. <i>Chemical Communications</i> , 2017, 53, 3346-3349.	2.2	7
31	Thermoregulated phase-separable rhodium nanoparticle catalyst for selective hydrogenation of $\hat{1}\pm$, $\hat{1}^2$ -unsaturated aldehydes and ketones. <i>RSC Advances</i> , 2017, 7, 50343-50346.	1.7	5
32	A thermoregulated phase transfer chiral Pt nanocatalyst for enantioselective hydrogenation of $\hat{1}\pm$ -ketoesters. <i>Catalysis Science and Technology</i> , 2020, 10, 7824-7828.	2.1	5
33	Thermoregulated phase-transfer Rh nanoparticle catalyst for selective hydrogenation of ortho-chloronitrobenzene. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1917-1920.	6.9	4
34	Thermoregulated Phase-Transfer Pd Nanocatalyst for Selective Hydrogenation of 1,5-Cyclooctadiene at Atmospheric Hydrogen Pressure. <i>Catalysis Letters</i> , 2020, 150, 2703-2708.	1.4	3
35	A novel thermoregulated phase-transfer catalysis system for chiral nano-Pt-catalyzed asymmetric hydrogenation. <i>Journal of Chemical Research</i> , 0, , 174751982110391.	0.6	1
36	A ruthenium nanocatalyst for the atmospheric hydrogenation of 1,5-cyclooctadiene. <i>Journal of Chemical Research</i> , 2022, 46, 174751982210929.	0.6	0