Bin Hu

List of Publications by Year in Descending Order

26 papers	445 citations	9 h-index	21 g-index
31 ext. papers	531 ext. citations	3.7 avg, IF	3.86 L-index

#	Paper	IF	Citations
26	Synergistic effect of hematite facet and Pd nanocluster for enhanced acetylene dicarbonylation. *Molecular Catalysis*, **2021**, 499, 111303	3.3	0
25	Palladium-catalyzed dearomative cyclocarbonylation of allyl alcohol for the synthesis of quinolizinones. *Organic and Biomolecular Chemistry*, **2021**, 19, 1274-1277	3.9	1
24	Support morphology-dependent catalytic activity of the Co/CeO2 catalyst for the aqueous-phase hydrogenation of phenol. *New Journal of Chemistry*, **2020**, 44, 9298-9303	3.6	2
23	The highly efficient and selective dicarbonylation of acetylene catalysed by palladium nanosheets supported on activated carbon. *New Journal of Chemistry*, **2020**, 44, 11835-11840	3.6	2
22	Strong metal–support interactions between palladium nanoclusters and hematite toward enhanced acetylene dicarbonylation at low temperature. *New Journal of Chemistry*, **2020**, 44, 1221-1227	3.6	3
21	Photoelectrocatalytic Reduction of CO to Paraffin Using p-n Heterojunctions. *IScience*, **2020**, 23, 100768	6.1	11
20	Nickel-Catalyzed Alkylarylation of Activated Alkenes with Benzyl-amines via C-N Bond Activation. *Chemistry - A European Journal*, **2018**, 24, 7114-7117	4.8	15
19	Nickel-Catalyzed Benzylation of Aryl Alkenes with Benzylamines via C-N Bond Activation. *Journal of Organic Chemistry*, **2018**, 83, 13922-13929	4.2	11
18	Controllable synthesis of Mn3O4 nanodots@nitrogen-doped graphene and its application for high energy density supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 5523-5531	13	47
17	Charge-Transfer Complex Promoted C-N Bond Activation for Ni-Catalyzed Carbonylation. *Organic Letters*, **2017**, 19, 3520-3523	6.2	47
16	New insights into the support morphology-dependent ammonia synthesis activity of Ru/CeO2 catalysts. *Catalysis Science and Technology*, **2017**, 7, 191-199	5.5	76
15	Facile Synthesis of Fe2O3 Nano-Dots@Nitrogen-Doped Graphene for Supercapacitor Electrode with Ultralong Cycle Life in KOH Electrolyte. *ACS Applied Materials & Interfaces*, **2016**, 8, 9335-44	9.5	165
14	Electronic metal–support interactions enhance the ammonia synthesis activity over ruthenium supported on Zr-modified CeO2 catalysts. *RSC Advances*, **2016**, 6, 51106-51110	3.7	23
13	Effect of Graphitic Carbon Nitride on the Electronic and Catalytic Properties of Ru Nanoparticles for Ammonia Synthesis. *Catalysis Letters*, **2016**, 146, 2324-2329	2.8	16
12	Study of K/Mn-MgO Supported Fe Catalysts with Fe(CO)5 and Fe(NO3)3 as Precursors for CO Hydrogenation to Light Alkenes. *Chinese Journal of Chemistry*, **2013**, 31, 1263-1268	4.9	3
11	Promotion of Mn Doped Co/CNTs Catalysts for CO Hydrogenation to Light Olefins. *Chinese Journal of Chemistry*, **2013**, 31, 826-830	4.9	4
10	Asymmetric inducing synthesis of optically active tetrahedral cluster containing SMCOW core. *Chinese Journal of Chemistry*, **2010**, 22, 757-760	4.9	1

9	Synthesis, Crystal Structure, and Enantioseparation of a Homometallic, Chiral Cluster [Ru3(CO)9{1,2-FcC(CH3) = NNC(S)NHCH3}]. *Journal of Chemical Research*, **2008**, 2008, 322-323	0.6	
8	Trinuclear Metal Cluster Complexes Containing Fischer-Type Carbene Group from Oxidative Addition Reactions of Tris(N,N-diethyldithiocarbamato)cobalt with Co2(CO)8 and Ru3(CO)12. *Journal of Cluster Science*, **2008**, 19, 615-621	3	3
7	Reaction of (Carbonyl)triruthenium with Acetylferrocene Thiosemicarbazone: Synthesis, X-ray Diffraction, and Insight into the Solution Structures. *European Journal of Inorganic Chemistry*, **2008**, 2008, 5617-5621	2.3	
6	Synthesis of Optically Active Tetrahedral Clusters through Ester Exchange Catalyzed by Lipase. *Organometallics*, **2004**, 23, 817-822	3.8	9
5	The synthesis of tetrahedral clusters SOsCo2(CO)9, relevant to chiral tetrahedral clusters containing the SOsCoW core. *Journal of Chemical Research*, **2004**, 2004, 517-518	0.6	
4	Synthesis of clusters containing the OsCoMoS core. *Journal of Chemical Research*, **2004**, 2004, 740-741	0.6	
3	Synthesis of the Chiral Indenyl Tetrahedral Clusters [(-S)FeCoM(r|5-Ind)(CO)8] (M=Mo,W) and the Crystal Structure of [(-S)FeCoW(r|5-Ind)(CO)8]. *Journal of Chemical Research*, **2003**, 2003, 730-731	0.6	2
2	Reactions of trans-Carbonyl(Chloro)-[Bis(Triphenylphosphine)]Rhodium(I) with Substituted Cyclopentadienyl Tricarbonyl Molybdenum Anions. *Journal of Coordination Chemistry*, **2003**, 56, 817-823	1.6	
1	Synthesis and Crystal Structure of a New Butterfly Cluster [Rh2Co2 (CO)6(CO)4(,-HC?CFeCp2)]. *Journal of Chemical Research*, **2002**, 2002, 328-329	0.6	