Bin Hu

List of Publications by Year
in descending order

28 papers	628 citations	933264 10 h-index	610775 24 g-index
31 all docs	31 docs citations	31 times ranked	990 citing authors

#	Article	IF	Citations
1	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, 9335-9344.	4.0	200
2	New insights into the support morphology-dependent ammonia synthesis activity of Ru/CeO₂catalysts. Catalysis Science and Technology, 2017, 7, 191-199.	2.1	136
3	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.	5.2	57
4	Charge-Transfer Complex Promoted Câ€“N Bond Activation for Ni-Catalyzed Carbonylation. Organic Letters, 2017, 19, 3520-3523.	2.4	55
5	Electronic metalâ€“support interactions enhance the ammonia synthesis activity over ruthenium supported on Zr-modified CeO₂ catalysts. RSC Advances, 2016, 6, 51106-51110.	1.7	30
6	Photoelectrocatalytic Reduction of CO2 to Paraffin Using p-n Heterojunctions. IScience, 2020, 23, 100768.	1.9	22
7	Effect of Graphitic Carbon Nitride on the Electronic and Catalytic Properties of Ru Nanoparticles for Ammonia Synthesis. Catalysis Letters, 2016, 146, 2324-2329.	1.4	21
8	Nickelâ€Catalyzed Alkylarylation of Activated Alkenes with Benzylâ€amines via Câˆ'N Bond Activation. Chemistry - A European Journal, 2018, 24, 7114-7117.	1.7	19
9	Nickel-Catalyzed Benzylation of Aryl Alkenes with Benzylamines via Câ€“N Bond Activation. Journal of Organic Chemistry, 2018, 83, 13922-13929.	1.7	14
10	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.	1.4	12
11	Synthesis of Optically Active Tetrahedral Clusters through Ester Exchange Catalyzed by Lipase. Organometallics, 2004, 23, 817-822.	1.1	11
12	Study of K/Mnâ€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.	2.6	7
13	Strong metalâ€“support interactions between palladium nanoclusters and hematite toward enhanced acetylene dicarbonylation at low temperature. New Journal of Chemistry, 2020, 44, 1221-1227.	1.4	7
14	Promotion of Mn Doped Co/CNTs Catalysts for CO Hydrogenation to Light Olefins. Chinese Journal of Chemistry, 2013, 31, 826-830.	2.6	6
15	The highly efficient and selective dicarbonylation of acetylene catalysed by palladium nanosheets supported on activated carbon. New Journal of Chemistry, 2020, 44, 11835-11840.	1.4	5
16	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.	1.7	4
17	Palladium-catalyzed dearomative cyclocarbonylation of allyl alcohol for the synthesis of quinolizinones. Organic and Biomolecular Chemistry, 2021, 19, 1274-1277.	1.5	4
18	A Study on the Static Magnetic and Electromagnetic Properties of Silica-Coated Carbonyl Iron Powder after Heat Treatment for Improving Thermal Stability. Materials, 2022, 15, 2499.	1.3	4

#	Article	IF	Citations
19	Palladium-Catalyzed Tandem Hydrocarbonylative Lactamization and Cycloaddition Reaction for the Construction of Bridged Polycyclic Lactams. Organic Letters, 2022, 24, 147-151.	2.4	4
20	Synergistic effect of hematite facet and Pd nanocluster for enhanced acetylene dicarbonylation. Molecular Catalysis, 2021, 499, 111303.	1.0	3
21	Synthesis of the chiral indenyl tetrahedral clusters [(Î¼3-S)FeCoM(Î·5-Ind)(CO)8] (M=Mo,W) and the crystal structure of [(Î¼3-S)FeCoW(Î·5-Ind)(CO)8]. Journal of Chemical Research, 2003, 2003, 730-731.	0.6	2
22	Asymmetric inducing synthesis of optically active tetrahedral cluster containing SMCOW core. Chinese Journal of Chemistry, 2004, 22, 757-760.	2.6	1
23	Synthesis and Crystal Structure of a New Butterfly Cluster [Rh2Co2 (CO)6(Î¼-CO)4(Î¼4,Î·2-HCâ‰¡CFeCp2)]. Journal of Chemical Research, 2002, 2002, 328-329.	0.6	0
24	Reactions of trans-Carbonyl(Chloro)-[Bis(Triphenylphosphine)]Rhodium(I) with Substituted Cyclopentadienyl Tricarbonyl Molybdenum Anions. Journal of Coordination Chemistry, 2003, 56, 817-823.	0.8	0
25	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	0
26	Synthesis of clusters containing the OsCoMoS core. Journal of Chemical Research, 2004, 2004, 740-741.	0.6	0
27	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.	1.0	0
28	Synthesis, Crystal Structure, and Enantioseparation of a Homometallic, Chiral Cluster [Ru3(CO)9{1,2-Î¼-FcC(CH3) = NNC(S)NHCH3}]. Journal of Chemical Research, 2008, 2008, 322-323.	0.6	0