

Bin Hu

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Facile Synthesis of Fe ₂ O ₃ Nano-Dots@Nitrogen-Doped Graphene for Supercapacitor Electrode with Ultralong Cycle Life in KOH Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9335-44 | 9.5 | 165 |
| 25 | New insights into the support morphology-dependent ammonia synthesis activity of Ru/CeO ₂ catalysts. <i>Catalysis Science and Technology</i> , 2017 , 7, 191-199 | 5.5 | 76 |
| 24 | Controllable synthesis of Mn ₃ O ₄ nanodots@nitrogen-doped graphene and its application for high energy density supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5523-5531 | 13 | 47 |
| 23 | Charge-Transfer Complex Promoted C-N Bond Activation for Ni-Catalyzed Carbonylation. <i>Organic Letters</i> , 2017 , 19, 3520-3523 | 6.2 | 47 |
| 22 | Electronic metal-support interactions enhance the ammonia synthesis activity over ruthenium supported on Zr-modified CeO ₂ catalysts. <i>RSC Advances</i> , 2016 , 6, 51106-51110 | 3.7 | 23 |
| 21 | Effect of Graphitic Carbon Nitride on the Electronic and Catalytic Properties of Ru Nanoparticles for Ammonia Synthesis. <i>Catalysis Letters</i> , 2016 , 146, 2324-2329 | 2.8 | 16 |
| 20 | Nickel-Catalyzed Alkylarylation of Activated Alkenes with Benzyl-amines via C-N Bond Activation. <i>Chemistry - A European Journal</i> , 2018 , 24, 7114-7117 | 4.8 | 15 |
| 19 | Photoelectrocatalytic Reduction of CO to Paraffin Using p-n Heterojunctions. <i>iScience</i> , 2020 , 23, 100768 | 6.1 | 11 |
| 18 | Nickel-Catalyzed Benzylolation of Aryl Alkenes with Benzylamines via C-N Bond Activation. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13922-13929 | 4.2 | 11 |
| 17 | Synthesis of Optically Active Tetrahedral Clusters through Ester Exchange Catalyzed by Lipase. <i>Organometallics</i> , 2004 , 23, 817-822 | 3.8 | 9 |
| 16 | Promotion of Mn Doped Co/CNTs Catalysts for CO Hydrogenation to Light Olefins. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 826-830 | 4.9 | 4 |
| 15 | Study of K/Mn-MgO Supported Fe Catalysts with Fe(CO) ₅ and Fe(NO ₃) ₃ as Precursors for CO Hydrogenation to Light Alkenes. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 1263-1268 | 4.9 | 3 |
| 14 | Trinuclear Metal Cluster Complexes Containing Fischer-Type Carbene Group from Oxidative Addition Reactions of Tris(N,N-diethyldithiocarbamato)cobalt with Co ₂ (CO) ₈ and Ru ₃ (CO) ₁₂ . <i>Journal of Cluster Science</i> , 2008 , 19, 615-621 | 3 | 3 |
| 13 | Strong metal-support interactions between palladium nanoclusters and hematite toward enhanced acetylene dicarbonylation at low temperature. <i>New Journal of Chemistry</i> , 2020 , 44, 1221-1227 | 3.6 | 3 |
| 12 | Support morphology-dependent catalytic activity of the Co/CeO ₂ catalyst for the aqueous-phase hydrogenation of phenol. <i>New Journal of Chemistry</i> , 2020 , 44, 9298-9303 | 3.6 | 2 |
| 11 | The highly efficient and selective dicarbonylation of acetylene catalysed by palladium nanosheets supported on activated carbon. <i>New Journal of Chemistry</i> , 2020 , 44, 11835-11840 | 3.6 | 2 |
| 10 | Synthesis of the Chiral Indenyl Tetrahedral Clusters [(β -S)FeCoM(r 5-Ind)(CO) ₈] (M=Mo,W) and the Crystal Structure of [(β -S)FeCoW(r 5-Ind)(CO) ₈]. <i>Journal of Chemical Research</i> , 2003 , 2003, 730-731 | 0.6 | 2 |

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| 9 | Asymmetric inducing synthesis of optically active tetrahedral cluster containing SMCOW core. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 757-760 | 4.9 | 1 |
| 8 | Palladium-catalyzed dearomative cyclocarbonylation of allyl alcohol for the synthesis of quinolizinones. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1274-1277 | 3.9 | 1 |
| 7 | Synergistic effect of hematite facet and Pd nanocluster for enhanced acetylene dicarbonylation. <i>Molecular Catalysis</i> , 2021 , 499, 111303 | 3.3 | 0 |
| 6 | Synthesis, Crystal Structure, and Enantioseparation of a Homometallic, Chiral Cluster [Ru ₃ (CO) ₉ {1,2- <i>η</i> -FcC(CH ₃) = NNC(S)NHCH ₃ }]. <i>Journal of Chemical Research</i> , 2008 , 2008, 322-323 | 0.6 | |
| 5 | Reaction of (Carbonyl)triruthenium with Acetylferrocene Thiosemicarbazone: Synthesis, X-ray Diffraction, and Insight into the Solution Structures. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 5617-5621 | 2.3 | |
| 4 | Reactions of trans-Carbonyl(Chloro)-[Bis(Triphenylphosphine)]Rhodium(I) with Substituted Cyclopentadienyl Tricarbonyl Molybdenum Anions. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 817-823 ^{1.6} | | |
| 3 | The synthesis of tetrahedral clusters SOsCo ₂ (CO) ₉ , relevant to chiral tetrahedral clusters containing the SOsCoW core. <i>Journal of Chemical Research</i> , 2004 , 2004, 517-518 | 0.6 | |
| 2 | Synthesis of clusters containing the OsCoMoS core. <i>Journal of Chemical Research</i> , 2004 , 2004, 740-741 | 0.6 | |
| 1 | Synthesis and Crystal Structure of a New Butterfly Cluster [Rh ₂ Co ₂ (CO) ₆ (<i>η</i> -CO) ₄ (<i>η</i> , <i>η</i> -HC≡CFeCp ₂)]. <i>Journal of Chemical Research</i> , 2002 , 2002, 328-329 | 0.6 | |