

Guangyin Fan

List of Publications by Year in descending order

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99
papers

3,725
citations

101496

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docs citations

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times ranked

2895
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ultrafast, dry microwave-assisted surface property modulations to boost carbon stabilized Ru nanocatalyst for catalytic hydrogen evolution. <i>Fuel</i> , 2022, 309, 122203. | 3.4 | 40 |
| 2 | Universal low-temperature oxidative thermal redispersion strategy for green and sustainable fabrication of oxygen-rich carbons anchored metal nanoparticles for hydrogen evolution reactions. <i>Chemical Engineering Journal</i> , 2022, 433, 133648. | 6.6 | 73 |
| 3 | Steam pretreatment-mediated catalytic activity modulation for ammonia borane hydrolysis over ruthenium nanoclusters on nitrogen/oxygen-rich carbon nanotubes. <i>Applied Surface Science</i> , 2022, 579, 152158. | 3.1 | 36 |
| 4 | Alkaline ultrasonic irradiation-mediated boosted H ₂ production over O/N-rich porous carbon anchored Ru nanoclusters. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 57-65. | 5.0 | 37 |
| 5 | Synergistic catalytic hydrolysis of ammonia borane to release hydrogen over AgCo@CN. <i>New Journal of Chemistry</i> , 2022, 46, 4710-4714. | 1.4 | 4 |
| 6 | Cobalt with porous carbon architecture: Towards of 4-nitrophenol degradation and reduction. <i>Separation and Purification Technology</i> , 2022, 288, 120595. | 3.9 | 29 |
| 7 | Oxygen vacancies and morphology engineered Co ₃ O ₄ anchored Ru nanoparticles as efficient catalysts for ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 7793-7801. | 3.8 | 18 |
| 8 | Facile fabrication of surface vulcanized Co-Fe spinel oxide nanoparticles toward efficient 4-nitrophenol destruction. <i>Journal of Hazardous Materials</i> , 2022, 430, 128433. | 6.5 | 45 |
| 9 | Maximizing hydrogen production by AB hydrolysis with Pt@cobalt oxide/N,O-rich carbon and alkaline ultrasonic irradiation. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2204-2212. | 3.0 | 13 |
| 10 | Facile chemical blowing synthesis of interconnected N-doped carbon nanosheets coupled with Co ₃ O ₄ nanoparticles as superior peroxymonosulfate activators for p-nitrophenol destruction: Mechanisms and degradation pathways. <i>Applied Surface Science</i> , 2022, 593, 153244. | 3.1 | 21 |
| 11 | Restructuring morphology and surface-electronic-structure of Pt-Co ₃ O ₄ -carbon toward ultra-highly efficient hydrogen production. <i>Fuel</i> , 2022, 319, 123616. | 3.4 | 15 |
| 12 | Void confinement and doping-modulation of IrNi alloy nanoparticles on hollow carbon spheres for efficient hydrogen oxidation/evolution reactions. <i>Fuel</i> , 2022, 319, 123637. | 3.4 | 11 |
| 13 | Hierarchical porous cobalt/carbon hybrid anchored Ru-catalyzed ammonia-borane hydrolysis for efficient H ₂ release. <i>Fuel</i> , 2022, 321, 123982. | 3.4 | 18 |
| 14 | Low-temperature control over deposition of ultrafine Pd nanoparticles on porous carbon nanosheets for highly efficient dehydrogenation of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2022, 912, 165076. | 2.8 | 9 |
| 15 | Carbon-nanosheet-driven spontaneous deposition of Au nanoparticles for efficient electrochemical utilizations toward H ₂ O ₂ generation and detection. <i>Chemical Engineering Journal</i> , 2022, 445, 136586. | 6.6 | 17 |
| 16 | The simplest and ultrafast microwave-mediated solid-state construction of cobalt oxide/carbon hybrid as an efficient peroxymonosulfate activator for ciprofloxacin degradation. <i>Separation and Purification Technology</i> , 2022, 296, 121346. | 3.9 | 8 |
| 17 | Active site and adsorption behavior engineering of subsize PdNi nanoparticles for boosting electrocatalytic hydrodechlorination of 4-chlorophenol. <i>Applied Surface Science</i> , 2022, 600, 153988. | 3.1 | 12 |
| 18 | Oxygenated functional group-driven spontaneous fabrication of Pd nanoparticles decorated porous carbon nanosheets for electrocatalytic hydrodechlorination of 4-chlorophenol. <i>Journal of Hazardous Materials</i> , 2021, 408, 124456. | 6.5 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Sustainable solid-state synthesis of uniformly distributed PdAg alloy nanoparticles for electrocatalytic hydrogen oxidation and evolution. <i>Chinese Journal of Catalysis</i> , 2021, 42, 251-258. | 6.9 | 31 |
| 20 | Mechanochemically assisted fabrication of ultrafine Pd nanoparticles on natural waste-derived nitrogen-doped porous carbon for the efficient formic acid decomposition. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 656-665. | 3.8 | 14 |
| 21 | Synergetic enhancement of electrochemical H ₂ O ₂ detection in a nitrogen-doped carbon encapsulated FeCo alloy architecture. <i>Analyst</i> , 2021, 146, 971-978. | 1.7 | 4 |
| 22 | Carbon nanopore and anchoring site-assisted general construction of encapsulated metal (Rh, Ru, Ir) nanoclusters for highly efficient hydrogen evolution in pH-universal electrolytes and natural seawater. <i>Green Chemistry</i> , 2021, 23, 4551-4559. | 4.6 | 33 |
| 23 | Synergism of ultrafine RuCo alloy nanoparticles on graphite carbon nitride for an efficient ammonia borane hydrolysis. <i>New Journal of Chemistry</i> , 2021, 45, 14759-14764. | 1.4 | 4 |
| 24 | Facile construction of composition-tuned ruthenium-nickel nanoparticles on g-C ₃ N ₄ for enhanced hydrolysis of ammonia borane without base additives. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11587-11596. | 3.8 | 24 |
| 25 | In Situ Hydrogen Activation Inspiring Efficient One-Pot Hydrogenation of Halogenated Nitrobenzenes over Ni-Co-Based Composites. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8312-8323. | 1.8 | 10 |
| 26 | Sustainable one-pot construction of oxygen-rich nitrogen-doped carbon nanosheets stabilized ultrafine Rh nanoparticles for efficient ammonia borane hydrolysis. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 131-140. | 5.0 | 59 |
| 27 | Air-engaged fabrication of nitrogen-doped carbon skeleton as an excellent platform for ultrafine well-dispersed RuNi alloy nanoparticles toward efficient hydrolysis of ammonia borane. <i>Fuel</i> , 2021, 297, 120750. | 3.4 | 56 |
| 28 | Hollow Hydrangea-Like CoRu/Co Architecture as an Excellent Electrocatalyst for Oxygen Evolution. <i>ChemSusChem</i> , 2021, 14, 3959-3966. | 3.6 | 7 |
| 29 | Facile, general and environmental-friendly fabrication of O/N-codoped porous carbon as a universal matrix for efficient hydrogen evolution electrocatalysts. <i>Chemical Engineering Journal</i> , 2021, 420, 130483. | 6.6 | 32 |
| 30 | Bamboo fungus-derived magnetic porous carbon encapsulated nickel stabilized Rh nanoparticles as efficient catalysts for hydrolytic dehydrogenation of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34229-34238. | 3.8 | 10 |
| 31 | Surface property and spatial confinement engineering for achieving Ru nanoclusters on O/N-doped hollow carbon towards enhanced hydrogen production. <i>Fuel</i> , 2021, 306, 121722. | 3.4 | 13 |
| 32 | Direct transformation of bulk cobalt foam into cobalt nanoparticles encapsulated in nitrogen-doped carbon nanotubes for peroxydisulfate activation toward rhodamine B degradation. <i>Separation and Purification Technology</i> , 2021, 277, 119441. | 3.9 | 50 |
| 33 | Strong electrostatic adsorption-engaged fabrication of sub-3.0 nm PtRu alloy nanoparticles as synergistic electrocatalysts toward hydrogen evolution. <i>Nanoscale</i> , 2021, 13, 10044-10050. | 2.8 | 18 |
| 34 | Amino-group and space-confinement assisted synthesis of small and well-defined Rh nanoparticles as efficient catalysts toward ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2204-2212. | 3.8 | 24 |
| 35 | An Ultrahigh Performance Enzyme-Free Electrochemical H ₂ O ₂ Sensor Based on Carbon Nanopores Encapsulated Ultrasmall Cobalt Oxide Nanoparticles. <i>ChemistrySelect</i> , 2021, 6, 11121-11129. | 0.7 | 4 |
| 36 | Salt template-assisted <i>in situ</i> construction of Ru nanoclusters and porous carbon: excellent catalysts toward hydrogen evolution, ammonia-borane hydrolysis, and 4-nitrophenol reduction. <i>Green Chemistry</i> , 2020, 22, 835-842. | 4.6 | 135 |

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|----|---|-----|-----------|
| 37 | Ultrasmall rhodium nanoclusters anchored on nitrogen-doped carbon nanotubes with embedded nickel nanoparticles as magnetically recyclable catalysts for efficient ammonia-borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1640-1648. | 3.8 | 21 |
| 38 | Pt nanoparticles on Ti ₃ C ₂ T _x -based MXenes as efficient catalysts for the selective hydrogenation of nitroaromatic compounds to amines. <i>Dalton Transactions</i> , 2020, 49, 14914-14920. | 1.6 | 22 |
| 39 | Smart construction of oxidized-Ti ₃ C ₂ TX stabilized Rh nanoparticles for remarkable improving the catalytic performance for ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28812-28820. | 3.8 | 26 |
| 40 | Anchoring and space-confinement effects to synthesize ultrasmall Pd nanoparticles for efficient ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 27244-27253. | 3.8 | 58 |
| 41 | Air-mediated construction of O, N-rich carbon: An efficient support of palladium nanoparticles toward catalytic formic acid dehydrogenation and 4-nitrophenol reduction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 29034-29045. | 3.8 | 19 |
| 42 | Ultrafine Pd Nanoparticles Supported on Soft Nitriding Porous Carbon for Hydrogen Production from Hydrolytic Dehydrogenation of Dimethyl Amine-Borane. <i>Nanomaterials</i> , 2020, 10, 1612. | 1.9 | 23 |
| 43 | Oxygenated functional group-engaged electroless deposition of ligand-free silver nanoparticles on porous carbon for efficient electrochemical non-enzymatic H ₂ O ₂ detection. <i>Nanoscale</i> , 2020, 12, 24495-24502. | 2.8 | 13 |
| 44 | Facile Fabrication of Rhodium/Nanodiamond Hybrid as Advanced Catalyst toward Hydrogen Production from Ammonia-Borane. <i>Catalysts</i> , 2020, 10, 1037. | 1.6 | 10 |
| 45 | Sustainable synthesis of supported metal nanocatalysts for electrochemical hydrogen evolution. <i>Chinese Journal of Catalysis</i> , 2020, 41, 1791-1811. | 6.9 | 80 |
| 46 | Bagasse-derived Carbon-supported Ru nanoparticles as Catalyst for Efficient Dehydrogenation of Ammonia Borane. <i>ChemNanoMat</i> , 2020, 6, 1251-1259. | 1.5 | 25 |
| 47 | Recent advances in electrospun nanofibers for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16747-16789. | 5.2 | 166 |
| 48 | Spatially localized fabrication of uniform Rh nanoclusters on nanosheet-assembled hierarchical carbon architectures as excellent electrocatalysts for boosting alkaline hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8118-8125. | 3.8 | 14 |
| 49 | Flexible Active-Site Engineering of Monometallic Co-Layered Double Hydroxides for Achieving High-Performance Bifunctional Electrocatalyst toward Oxygen Evolution and H ₂ O ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12919-12929. | 4.0 | 29 |
| 50 | A simple and straightforward strategy for synthesis of N,P co-doped porous carbon: an efficient support for Rh nanoparticles for dehydrogenation of ammonia borane and catalytic application. <i>Nanoscale Advances</i> , 2020, 2, 1685-1693. | 2.2 | 19 |
| 51 | Efficient Hydrogen Generation from the NaBH ₄ Hydrolysis by Cobalt-Based Catalysts: Positive Roles of Sulfur-Containing Salts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9376-9386. | 4.0 | 83 |
| 52 | Synergistic catalysis of Pd-Ni(OH) ₂ hybrid anchored on porous carbon for hydrogen evolution from the dehydrogenation of formic acid. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 12849-12858. | 3.8 | 20 |
| 53 | Sustainable and scalable in-situ fabrication of Au nanoparticles and Fe ₃ O ₄ hybrids as highly efficient electrocatalysts for the enzyme-free sensing of H ₂ O ₂ in neutral and basic solutions. <i>Sensors and Actuators B: Chemical</i> , 2020, 314, 128067. | 4.0 | 28 |
| 54 | Ultrasmall Rh nanoparticles decorated on carbon nanotubes with encapsulated Ni nanoparticles as excellent and pH-universal electrocatalysts for hydrogen evolution reaction. <i>Applied Surface Science</i> , 2019, 495, 143569. | 3.1 | 14 |

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|----|--|------|-----------|
| 55 | Facile and eco-friendly synthesis of porous carbon nanosheets as ideal platform for stabilizing rhodium nanoparticles in efficient hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21527-21535. | 3.8 | 25 |
| 56 | Nanosized Iron Oxide Uniformly Distributed on 3D Carbon Nanosheets: Efficient Adsorbent for Methylene Blue. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2898. | 1.3 | 1 |
| 57 | Synthesis of ultrafine ruthenium phosphide nanoparticles and nitrogen/phosphorus dual-doped carbon hybrids as advanced electrocatalysts for all-pH hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25632-25641. | 3.8 | 15 |
| 58 | Room-Temperature Sustainable Synthesis of Selected Platinum Group Metal (PGM = Ir, Rh, and Ru) Nanocatalysts Well-Dispersed on Porous Carbon for Efficient Hydrogen Evolution and Oxidation. <i>Small</i> , 2019, 15, e1903057. | 5.2 | 93 |
| 59 | Monodispersed and well-dispersed Rh _x P nanoparticles decorated on phosphorus-doped nitride carbon for efficient alkaline and acidic hydrogen evolution. <i>Applied Surface Science</i> , 2019, 489, 796-801. | 3.1 | 8 |
| 60 | Efficient hydrogen evolution from ammonia borane hydrolysis with Rh decorated on phosphorus-doped carbon. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16548-16556. | 3.8 | 38 |
| 61 | Electrochemical performance of ruthenium nanoparticles decorated on nitride carbon for non-enzymatic detection of hydrogen peroxide. <i>Analyst, The</i> , 2019, 144, 6706-6711. | 1.7 | 16 |
| 62 | Ultrahigh Catalytic Activity of Prolene-Functionalized Rh Nanoparticles for Methanolysis of Ammonia Borane. <i>ChemSusChem</i> , 2019, 12, 535-541. | 3.6 | 48 |
| 63 | Nitrogen-Doped Carbon-Stabilized Ru Nanoclusters as Excellent Catalysts for Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1178-1184. | 3.2 | 65 |
| 64 | Ruthenium coordinated with triphenylphosphine-hyper-crosslinked polymer: An efficient catalyst for hydrogen evolution reaction and hydrolysis of ammonia borane. <i>Applied Surface Science</i> , 2019, 466, 193-201. | 3.1 | 48 |
| 65 | Carbon-supported small Rh nanoparticles prepared with sodium citrate: Toward high catalytic activity for hydrogen evolution from ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2718-2725. | 3.8 | 65 |
| 66 | Hyper-cross-linked polymer supported rhodium: an effective catalyst for hydrogen evolution from ammonia borane. <i>Dalton Transactions</i> , 2018, 47, 2561-2567. | 1.6 | 60 |
| 67 | Hydrogen evolution from hydrolysis of ammonia borane catalyzed by Rh/g-C ₃ N ₄ under mild conditions. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7038-7045. | 3.8 | 66 |
| 68 | 3D nanoporous Ni/V ₂ O ₃ hybrid nanoplate assemblies for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21452-21457. | 5.2 | 38 |
| 69 | Catalytically active rhodium nanoparticles stabilized by nitrogen doped carbon for the hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 22273-22280. | 3.8 | 30 |
| 70 | Scalable Solid-State Synthesis of Highly Dispersed Uncapped Metal (Rh, Ru, Ir) Nanoparticles for Efficient Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2018, 8, 1801698. | 10.2 | 149 |
| 71 | Ruthenium nanoclusters distributed on phosphorus-doped carbon derived from hypercrosslinked polymer networks for highly efficient hydrolysis of ammonia-borane. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 18253-18260. | 3.8 | 28 |
| 72 | Ultrafine and highly dispersed Ru nanoparticles supported on nitrogen-doped carbon nanosheets: Efficient catalysts for ammonia borane hydrolysis. <i>Applied Surface Science</i> , 2018, 455, 326-332. | 3.1 | 71 |

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|----|---|------|-----------|
| 73 | Facile synthesis of effective Ru nanoparticles on carbon by adsorption-low temperature pyrolysis strategy for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14380-14386. | 5.2 | 92 |
| 74 | Palladium Supported on Titanium Carbide: A Highly Efficient, Durable, and Recyclable Bifunctional Catalyst for the Transformation of 4-Chlorophenol and 4-Nitrophenol. <i>Nanomaterials</i> , 2018, 8, 141. | 1.9 | 22 |
| 75 | UV Light-Assisted Synthesis of Highly Efficient Pd-Based Catalyst over NiO for Hydrogenation of o-Chloronitrobenzene. <i>Nanomaterials</i> , 2018, 8, 240. | 1.9 | 7 |
| 76 | In Situ Formation of AgCo Stabilized on Graphitic Carbon Nitride and Concomitant Hydrolysis of Ammonia Borane to Hydrogen. <i>Nanomaterials</i> , 2018, 8, 280. | 1.9 | 23 |
| 77 | Towards High Efficiency Hydrogen Production through in situ Formation of Well Dispersed Rhodium Nanoclusters. <i>ChemSusChem</i> , 2018, 11, 3253-3258. | 3.6 | 57 |
| 78 | Well-Defined Ru Nanoclusters Anchored on Carbon: Facile Synthesis and High Electrochemical Activity toward Alkaline Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11487-11492. | 3.2 | 60 |
| 79 | Size and Electronic Modulation of Iridium Nanoparticles on Nitrogen-Functionalized Carbon toward Advanced Electrocatalysts for Alkaline Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22340-22347. | 4.0 | 43 |
| 80 | Magnetic, recyclable Pt _y Co _{1-y} /Ti ₃ C ₂ X ₂ (X = O, F) catalyst: a facile synthesis and enhanced catalytic activity for hydrogen generation from the hydrolysis of ammonia borane. <i>New Journal of Chemistry</i> , 2017, 41, 2793-2799. | 1.4 | 61 |
| 81 | Ruthenium nanoparticles supported on TiO ₂ (B) nanotubes: Effective catalysts in hydrogen evolution from the hydrolysis of ammonia borane. <i>Journal of Alloys and Compounds</i> , 2017, 708, 270-277. | 2.8 | 59 |
| 82 | Promoted effect of alkalization on the catalytic performance of Rh/alk-Ti ₃ C ₂ X ₂ (X = O, F) for the hydrodechlorination of chlorophenols in base-free aqueous medium. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 462-469. | 10.8 | 77 |
| 83 | Tunable magnetic pole inversion in multiferroic BiFeO ₃ DyFeO ₃ solid solution. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4063-4067. | 2.7 | 12 |
| 84 | Encased Copper Boosts the Electrocatalytic Activity of N-Doped Carbon Nanotubes for Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36857-36864. | 4.0 | 75 |
| 85 | Alumina nanofiber-stabilized ruthenium nanoparticles: Highly efficient catalytic materials for hydrogen evolution from ammonia borane hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24142-24149. | 3.8 | 32 |
| 86 | Nanodiamond supported Ru nanoparticles as an effective catalyst for hydrogen evolution from hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 1542-1549. | 3.8 | 89 |
| 87 | Convenient preparation of Pd/RGO catalyst for the efficient hydrodechlorination of various chlorophenols. <i>New Journal of Chemistry</i> , 2016, 40, 372-376. | 1.4 | 11 |
| 88 | High Indexed Pt ₃ Fe Nanocatalysts and Their Enhanced Catalytic Performance in Dual Organic Reactions. <i>ChemNanoMat</i> , 2015, 1, 331-337. | 1.5 | 14 |
| 89 | Magnetic RuCo nanoparticles supported on two-dimensional titanium carbide as highly active catalysts for the hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 9217-9224. | 3.8 | 76 |
| 90 | Ultrafast hydrogen generation from the hydrolysis of ammonia borane catalyzed by highly efficient bimetallic RuNi nanoparticles stabilized on Ti ₃ C ₂ X ₂ (X = OH and/or F). <i>International Journal of Hydrogen Energy</i> , 2015, 40, 3883-3891. | 3.8 | 55 |

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|----|---|-----|-----------|
| 91 | Effective hydrolysis of ammonia borane catalyzed by ruthenium nanoparticles immobilized on graphitic carbon nitride. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 19982-19989. | 3.8 | 71 |
| 92 | Effective hydrodechlorination of 4-chlorophenol catalysed by magnetic palladium/reduced graphene oxide under mild conditions. <i>RSC Advances</i> , 2014, 4, 25440-25446. | 1.7 | 8 |
| 93 | Synthesis of ruthenium nanoparticles deposited on graphene-like transition metal carbide as an effective catalyst for the hydrolysis of sodium borohydride. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 14927-14934. | 3.8 | 116 |
| 94 | Pt@NH ₂ @Fe ₃ O ₄ Catalyst with Excellent Catalytic Performance for Hydrogenation of Nitroarenes in Aqueous Medium. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 967-973. | 0.6 | 8 |
| 95 | Aqueous hydrodechlorination of 4-chlorophenol over an Rh/reduced graphene oxide synthesized by a facile one-pot solvothermal process under mild conditions. <i>Journal of Hazardous Materials</i> , 2014, 274, 32-40. | 6.5 | 35 |
| 96 | One-pot synthesis of aluminum oxyhydroxide matrix-entrapped Pt nanoparticles as an excellent catalyst for the hydrogenation of nitrobenzene. <i>RSC Advances</i> , 2014, 4, 10997-11002. | 1.7 | 17 |
| 97 | Aqueous phase catalytic hydrodechlorination of 4-chlorophenol over palladium deposited on reduced graphene oxide. <i>Catalysis Communications</i> , 2014, 46, 219-223. | 1.6 | 24 |
| 98 | In situ synthesis of Ru/RGO nanocomposites as a highly efficient catalyst for selective hydrogenation of halonitroaromatics. <i>Nanoscale</i> , 2013, 5, 6819. | 2.8 | 53 |
| 99 | Highly Efficient Hydrogenation of Methyl Propionate to Propanol over Hydrous Zirconia Supported Ruthenium. <i>Chinese Journal of Chemistry</i> , 2011, 29, 229-236. | 2.6 | 8 |