# Hua Song

List of Publications by Year
in descending order



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|---|---|---|---|
| 135 papers | 1,947 citations | 279487 23 h-index | 344852 36 g-index |
| 135 all docs | 135 docs citations | 135 times ranked | 1975 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Preparation of highly active g-C3N4 supported amphiphilic quaternary ammonium phosphotungstate catalyst for solvent-free oxidative desulfurization of benzothiophene. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 219-231. | 0.8 | 2 |
| 2 | Hydrogenation of phenol to cyclohexanol using carbon encapsulated Niâ€“Co alloy nanoparticles. Reaction Chemistry and Engineering, 2022, 7, 429-441. | 1.9 | 6 |
| 3 | Synthesis of highly active carbon-encapsulated Ni<sub>2</sub>P catalysts by one-step pyrolysisâ€“phosphidation for hydrodeoxygenation of phenolic compounds. Catalysis Science and Technology, 2022, 12, 1586-1597. | 2.1 | 8 |
| 4 | Preparation of active carbon through one-step NaOH activation of coconut shell biomass for phenolic wastewater treatment. Research on Chemical Intermediates, 2022, 48, 1665-1684. | 1.3 | 13 |
| 5 | Fabrication of Co, N-Doping Hierarchical Porous Graphene from Metal Organic Framework for Oxygen Reduction Reaction in Microbial Fuel Cell. Journal of the Electrochemical Society, 2022, 169, 024501. | 1.3 | 3 |
| 6 | Ascorbic acid-induced structural defect in photocatalytic graphitic carbon nitride to boost H2O2 fuel cell performance. Journal of Power Sources, 2022, 532, 231368. | 4.0 | 7 |
| 7 | Ag nanoparticles-decorated hierarchical porous carbon from cornstalk for high-performance supercapacitor. Journal of Energy Storage, 2022, 51, 104364. | 3.9 | 12 |
| 8 | Microstructural modification of hollow TiO2 nanospheres and their photocatalytic performance. Applied Surface Science, 2021, 535, 147641. | 3.1 | 29 |
| 9 | Resin microsphere templates for TiO2 hollow structure with uniform mesopores: Preparation and photocatalytic application. Materials Chemistry and Physics, 2021, 260, 124158. | 2.0 | 4 |
| 10 | Preparation of NiCu Alloy Catalyst for the Hydrodeoxygenation of Benzofuran. Catalysis Letters, 2021, 151, 1670-1682. | 1.4 | 6 |
| 11 | Efficient Ni2P /Al2O3 hydrodesulfurization catalysts from surface hybridization of Al2O3 particles with graphite-like carbon. Journal of the Taiwan Institute of Chemical Engineers, 2021, 121, 139-146. | 2.7 | 13 |
| 12 | Ultra-deep adsorptive removal over hierarchically structured AgCeY zeolite from model gasoline with high competitor content. Journal of Cleaner Production, 2021, 297, 126582. | 4.6 | 7 |
| 13 | Photocatalytic Degradation of Organic Pollutants Using Porous gâ€C<sub>3</sub>N<sub>4</sub> Nanosheets Decorated with Gold Nanoparticles. ChemistrySelect, 2021, 6, 9458-9466. | 0.7 | 5 |
| 14 | Enhanced photocatalytic properties of CeO2/TiO2 heterostructures for phenol degradation. Colloids and Interface Science Communications, 2021, 44, 100476. | 2.0 | 24 |
| 15 | Highly efficient hydrogenation of phenol to cyclohexanol over Ni-based catalysts derived from Ni-MOF-74. Reaction Chemistry and Engineering, 2021, 7, 170-180. | 1.9 | 14 |
| 16 | Heteroatom-doped hierarchical porous carbon from corn straw for high-performance supercapacitor. Journal of Energy Storage, 2021, 44, 103410. | 3.9 | 40 |
| 17 | In-situ activation of nano-silica and its foam stabilization mechanism. Journal of Dispersion Science and Technology, 2020, 41, 72-80. | 1.3 | 5 |
| 18 | Catalytic transfer hydrogenation of furfural to furfuryl alcohol over Fe3O4 modified Ru/Carbon nanotubes catalysts. International Journal of Hydrogen Energy, 2020, 45, 1981-1990. | 3.8 | 40 |

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|---|---|---|---|
| 19 | Graphitic Carbon Nitride-Based Photocatalytic Materials: Preparation Strategy and Application. ACS Sustainable Chemistry and Engineering, 2020, 8, 16048-16085. | 3.2 | 96 |
| 20 | A novel silver-loaded graphitic carbon nitride with structural defect assisted by ascorbic acid for the fast and efficient degradation of sulfamethoxazole. Applied Surface Science, 2020, 530, 147278. | 3.1 | 19 |
| 21 | Alkylation of Toluene with tert-Butyl Alcohol over Different Zeolites with the Same Si/Al Ratio. Russian Journal of Applied Chemistry, 2020, 93, 991-997. | 0.1 | 3 |
| 22 | Ultrasonic-assisted preparation of highly active Co3O4/MCM-41 adsorbent and its desulfurization performance for low H2S concentration gas. RSC Advances, 2020, 10, 30214-30222. | 1.7 | 4 |
| 23 | Preparation of the Ni<sub>2</sub>P/Al-MCM-41 catalyst and its dibenzothiophene HDS performance. New Journal of Chemistry, 2020, 44, 8379-8385. | 1.4 | 9 |
| 24 | Influence of sulfating method on Laâ€“Niâ€“S<sub>2</sub>O<sub>8</sub><sup>2â€“</sup>/ZrO<sub>2</sub>â€“Al<sub>2</sub>O<sub>3</sub> solid superacid catalyst for n-pentane isomerization. Progress in Reaction Kinetics and Mechanism, 2020, 45, 146867831989772. | 1.1 | 1 |
| 25 | Hydrodeoxygenation of Benzofuran over Bimetallic Ni-Cu/Î³-Al2O3 Catalysts. Catalysts, 2020, 10, 274. | 1.6 | 9 |
| 26 | Voltammetric determination of phentolamine mesylate in pharmaceutical formulations at poly (4-aminobenzene sulfonic acid)-modified glassy carbon electrode. Chemical Papers, 2020, 74, 4411-4417. | 1.0 | 5 |
| 27 | Investigation on influences of polymer solution properties on stress distribution and deformation of residual oil. Engineering Applications of Computational Fluid Mechanics, 2020, 14, 401-410. | 1.5 | 2 |
| 28 | Facile synthesis of oxygen doped mesoporous graphitic carbon nitride with high photocatalytic degradation efficiency under simulated solar irradiation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 580, 123736. | 2.3 | 23 |
| 29 | Hydrodeoxygenation and hydrodesulfurization over Fe promoted Ni2P/SBA-15 catalyst. Journal of Alloys and Compounds, 2019, 806, 254-262. | 2.8 | 17 |
| 30 | tert-Butylation of Toluene Catalyzed by Phosphotungstic Acid Supported on HBEA Zeolite. Russian Journal of Physical Chemistry A, 2019, 93, 250-254. | 0.1 | 1 |
| 31 | Reactivity and kinetic studies of benzofuran hydrodeoxygenation over a Ni<sub>2</sub>P-O/MCM-41 catalyst. Progress in Reaction Kinetics and Mechanism, 2019, 44, 307-315. | 1.1 | 2 |
| 32 | Integrated Effects of Near-Field Enhancement-Induced Excitation and Surface Plasmon-Coupled Emission of Elongated Gold Nanocrystals on Fluorescence Enhancement and the Applications in PLEDs. ACS Applied Electronic Materials, 2019, 1, 2116-2123. | 2.0 | 21 |
| 33 | Effect of Ti on dibenzothiophene hydrodesulfurization performance over bulk Ni2P. Progress in Reaction Kinetics and Mechanism, 2019, 44, 45-54. | 1.1 | 0 |
| 34 | Preparation of Novel and Highly Stable Py/MOF and Its Adsorptive Desulfurization Performance. Industrial & Engineering Chemistry Research, 2019, 58, 19586-19598. | 1.8 | 26 |
| 35 | Inâ€‰situ synthesis of NaP zeolite doped with transition metals using fly ash. Journal of the American Ceramic Society, 2019, 102, 7665-7677. | 1.9 | 16 |
| 36 | Effect of reduction temperature on the structure and hydrodesulfurization performance of Na doped Ni<sub>2</sub>P/MCM-41 catalysts. RSC Advances, 2019, 9, 15488-15494. | 1.7 | 12 |

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|---|---|---|---|
| 37 | The effect of neodymium and yttrium on benzofuran hydrodeoxygenation performance over a bulk Ni<sub>2</sub>P catalyst. Progress in Reaction Kinetics and Mechanism, 2019, 44, 29-36. | 1.1 | 1 |
| 38 | Synthesis of highly dispersed phosphotungstic acid encapsulated in MIL-100(Fe) catalyst and its performance in heterogeneous oxidative desulfurization. Chemical Engineering Communications, 2019, 206, 1706-1714. | 1.5 | 8 |
| 39 | A high-mobility, high-luminescence and low-threshold pentacene-doped cyano-substituted distyrylbenzene crystal. Journal of Materials Chemistry C, 2019, 7, 13447-13453. | 2.7 | 9 |
| 40 | High-efficiency toluene alkylation with tert-butyl alcohol catalyzed by Ce2O3-modified H-beta zeolites. Chemistry Africa, 2019, 2, 39-45. | 1.2 | 0 |
| 41 | Enhanced photoelectrochemical performance of CdO-TiO2 nanotubes prepared by direct impregnation. Applied Surface Science, 2019, 476, 136-143. | 3.1 | 9 |
| 42 | Synthesis of an Ni2P catalyst supported on Na-MCM-41 with highly activity for dibenzothiophene HDS under mild conditions. Research on Chemical Intermediates, 2018, 44, 5285-5299. | 1.3 | 4 |
| 43 | Optimization of crystal growth of sub-micron ZSM-5 zeolite prepared by using Al(OH)3 extracted from fly ash as an aluminum source. Journal of Hazardous Materials, 2018, 349, 18-26. | 6.5 | 37 |
| 44 | Study of surfactant-polymer system containing a novel ternary sulfonated polyacrylamide on the oil-water interface properties. Journal of Dispersion Science and Technology, 2018, 39, 1524-1531. | 1.3 | 4 |
| 45 | A novel synthesis of unsupported Ni2P catalysts with high surface area at low temperature. Catalysis Communications, 2018, 107, 9-13. | 1.6 | 3 |
| 46 | Effect of surface modification temperature on the hydrodesulfurization performance of Ni2P/MCM-41 catalyst. Research on Chemical Intermediates, 2018, 44, 3629-3640. | 1.3 | 7 |
| 47 | A novel method for the synthesis of highly stable nickel-modified sulfated zirconia catalysts for n-pentane isomerization. Catalysis Communications, 2018, 104, 57-61. | 1.6 | 10 |
| 48 | Preparation of highly active MCM-41 supported Ni 2 P catalysts and its dibenzothiophene HDS performance. Chinese Journal of Chemical Engineering, 2018, 26, 540-544. | 1.7 | 15 |
| 49 | Amino-modified molecular sieves for adsorptive removal of H<sub>2</sub>S from natural gas. RSC Advances, 2018, 8, 38124-38130. | 1.7 | 19 |
| 50 | Effect of preparation temperature on the structures and hydrodeoxygenation performance of Ni<sub>2</sub>P/C catalysts prepared by decomposition of hypophosphites. New Journal of Chemistry, 2018, 42, 19917-19923. | 1.4 | 3 |
| 51 | Preparation of Solid Superacid Catalysts and Oil Oxidative Desulfurization Using K2FeO4. Russian Journal of Applied Chemistry, 2018, 91, 1513-1519. | 0.1 | 2 |
| 52 | Promotion of phenol photodecomposition and the corresponding decomposition mechanism over g-C3N4/TiO2 nanocomposites. Applied Surface Science, 2018, 453, 320-329. | 3.1 | 61 |
| 53 | Rheological properties and enhanced oil recovery performance of a novel sulfonate polyacrylamide. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 449-454. | 1.2 | 19 |
| 54 | UV-Assisted Fabrication of Reduced Graphene Oxide Doped SiO2@TiO2 Nanocomposites as Efficient Photocatalyst for Photodegradation of Rhodamine B. Russian Journal of Applied Chemistry, 2018, 91, 764-769. | 0.1 | 3 |

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|---|---|---|---|
| 55 | Tert-Butylation of Toluene with Tert-butanol Over Transition Metal Oxide-Modified Hbea Zeolite. Journal of Chemical Research, 2018, 42, 160-165. | 0.6 | 0 |
| 56 | Hydrogenation of m-Chloronitrobenzene over Different Morphologies Ni/TiO2 without Addition of Molecular Hydrogen. Catalysts, 2018, 8, 182. | 1.6 | 4 |
| 57 | Carbon Nanotube-Supported Amorphous Coâ€“B for Hydrogenation of M-chloronitrobenzene. Journal of Chemical Research, 2018, 42, 170-174. | 0.6 | 1 |
| 58 | Pompon-like structured g-C3N4/ZnO composites and their application in visible light photocatalysis. Research on Chemical Intermediates, 2018, 44, 6895-6906. | 1.3 | 19 |
| 59 | Fe-Promoted Pt-Fe/Al2O3 Catalyst Prepared by Microemulsion Technique for m-Chloronitrobenzene Hydrogenation. Russian Journal of Physical Chemistry A, 2018, 92, 1279-1284. | 0.1 | 3 |
| 60 | Hydrogenation of mâ€chloronitrobenzene over amorphous Niâ€B/CNTs catalysts: Promoting effect of CNTs confinement on the catalytic performance. Canadian Journal of Chemical Engineering, 2017, 95, 2012-2017. | 0.9 | 9 |
| 61 | Effect of Preparation Conditions on the n-Pentane Isomerisation Performance of Pt-S2O82â€“/ZrO2â€“Al2O3 Catalysts Prepared by the Microemulsion Method. Progress in Reaction Kinetics and Mechanism, 2017, 42, 14-22. | 1.1 | 0 |
| 62 | Preparation of Ag/TiO2-zeolite adsorbents, their desulfurization performance, and benzothiophene adsorption isotherms. Russian Journal of Physical Chemistry A, 2017, 91, 390-397. | 0.1 | 8 |
| 63 | Salinity tolerance, adsorption, and emulsification properties of nonylphenol alkyl sulphonates derived from biâ€component linear alpha olefin. Canadian Journal of Chemical Engineering, 2017, 95, 2073-2077. | 0.9 | 5 |
| 64 | Preparation of Ni 2 P/Al-SBA-15 catalyst and its performance for benzofuran hydrodeoxygenation. Chinese Journal of Chemical Engineering, 2017, 25, 1784-1790. | 1.7 | 19 |
| 65 | Microwave-assisted synthesis of ZnO and its photocatalytic activity in degradation of CTAB. Russian Journal of Physical Chemistry A, 2017, 91, 59-62. | 0.1 | 4 |
| 66 | Heterogeneous oxidative desulfurization for model fuels using novel PW-coupled polyionic liquids with carbon chains of different lengths. Journal of the Taiwan Institute of Chemical Engineers, 2017, 76, 83-88. | 2.7 | 11 |
| 67 | The Effect of Zinc Content on n-Pentane Isomerisation Over Znâ€“S<sub>2</sub>O<sub>8</sub><sup>2â€“</sup>/ZrO<sub>2</sub>â€“Al<sub>2</sub>O<sub>3</sub> Catalyst. Progress in Reaction Kinetics and Mechanism, 2017, 42, 23-29. | 1.1 | 0 |
| 68 | Effect of ethylene glycol concentration on the morphology and catalytic properties of TiO2 nanotubes. Catalysis Communications, 2017, 97, 23-26. | 1.6 | 20 |
| 69 | An Fe-modified Coâ€“B amorphous alloy supported on carbon nanotubes for the hydrogenation of m-chloronitrobenzene. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 651-662. | 0.8 | 6 |
| 70 | Highly Active Ni<sub>2</sub>P Catalyst Supported on Coreâ€“Shell Structured Al<sub>2</sub>O<sub>3</sub>@TiO<sub>2</sub> and Its Performance for Benzofuran Hydrodeoxygenation. Industrial & Engineering Chemistry Research, 2017, 56, 12038-12045. | 1.8 | 12 |
| 71 | Preparation and Antiscaling Performance of Superhydrophobic Poly(phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td /S Research, 2017, 56, 12663-12671. | 1.8 | 29 |
| 72 | A Novel Alkyl Sulphobetaine Gemini Surfactant Based on Sâ€triazine: Synthesis and Properties. Journal of Surfactants and Detergents, 2017, 20, 1255-1262. | 1.0 | 6 |

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|---|---|---|---|
| 73 | Microwave-assisted synthesis of zinc oxide and its performance in photodegradation of CTMAB. Research on Chemical Intermediates, 2017, 43, 971-982. | 1.3 | 3 |
| 74 | Equilibrium, Kinetic and Thermodynamic Studies on Adsorptive Removal of H2S from Natural Gas by Amine Functionalisation of MCM-41. Progress in Reaction Kinetics and Mechanism, 2017, 42, 221-234. | 1.1 | 2 |
| 75 | Hydrogenation of Phenol over Pt/CNTs: The Effects of Pt Loading and Reaction Solvents. Catalysts, 2017, 7, 145. | 1.6 | 27 |
| 76 | High Active Zn/Mg-Modified Niâ€“P/Al2O3 Catalysts Derived from ZnMgNiAl Layered Double Hydroxides for Hydrodesulfurization of Dibenzothiophene. Catalysts, 2017, 7, 202. | 1.6 | 4 |
| 77 | Kinetic studies on the tert-butylation of toluene over H-BEA zeolite. Progress in Reaction Kinetics and Mechanism, 2016, 41, 126-134. | 1.1 | 5 |
| 78 | Effect of calcination temperature of La- and Ni-promoted S<sub>2</sub>O<sub>8</sub><sup>2â€“</sup>/ZrO<sub>2</sub>â€“Al<sub>2</sub>O3 catalysts on the isomerisation of n-pentane. Progress in Reaction Kinetics and Mechanism, 2016, 41, 258-267. | 1.1 | 1 |
| 79 | Preparation of core-shell structured Ni2P/Al2O3@TiO2 and its hydrodeoxygenation performance for benzofuran. Catalysis Communications, 2016, 85, 1-4. | 1.6 | 24 |
| 80 | Pure zeolite Naâ€P and Naâ€X prepared from coal fly ash under the effect of steric hindrance. Journal of Chemical Technology and Biotechnology, 2016, 91, 2018-2025. | 1.6 | 17 |
| 81 | Photocatalytic oxidative desulfurization of model oil catalyzed by TiO2 with different crystal structure in the presence of phase transfer catalyst. Russian Journal of Applied Chemistry, 2016, 89, 2076-2083. | 0.1 | 6 |
| 82 | Comparison of Ni-S2O82â€“/ZrO2â€“Al2O3 Catalysts prepared by Microemulsion and Impregnation Methods and their Performance for Isomerisation. Progress in Reaction Kinetics and Mechanism, 2016, 41, 356-364. | 1.1 | 3 |
| 83 | Influence of n Si/n Al ratio of HY zeolite catalysts on alkylation of toluene with tert-butanol. Russian Journal of Physical Chemistry A, 2016, 90, 2503-2507. | 0.1 | 1 |
| 84 | Alkylation of toluene with tert-butyl alcohol over HPW-modified HÎ² zeolite. Chinese Journal of Catalysis, 2016, 37, 2134-2141. | 6.9 | 16 |
| 85 | Preparation of Ptâ€B/Al<sub>2</sub>O<sub>3</sub> amorphous alloy catalysts via microemulsion methods and application into hydrogenation of mâ€chloronitrobenzene. Canadian Journal of Chemical Engineering, 2016, 94, 89-93. | 0.9 | 3 |
| 86 | Synthesis and Characterization of Novel Aryl Alkyl Sulfonates Based on Nonylphenol. Journal of Surfactants and Detergents, 2016, 19, 567-572. | 1.0 | 10 |
| 87 | Effects of Si/Al Ratio on Adsorptive Removal of Thiophene and Benzothiophene over Ion-Exchanged AgCeY Zeolites. Industrial & Engineering Chemistry Research, 2016, 55, 3813-3822. | 1.8 | 29 |
| 88 | Preparation of metal (Ti, Zn and Ca) modified Ni 2 P catalysts and HDS performance and kinetic studies. Journal of the Taiwan Institute of Chemical Engineers, 2016, 65, 558-564. | 2.7 | 10 |
| 89 | Isomerization of n -pentane over La-Ni-S 2 O 8 2â˜ /ZrO 2 -Al 2 O 3 solid superacid catalysts: Deactivation and regeneration. Applied Catalysis A: General, 2016, 526, 37-44. | 2.2 | 17 |
| 90 | Oxidation of benzyl alcohol by K2FeO4 to benzaldehyde over zeolites. Russian Journal of Physical Chemistry A, 2016, 90, 1931-1935. | 0.1 | 2 |

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|---|---|---|---|
| 91 | Acid strength of Niâ€“S2O 8 2â¯ /ZrO2 catalyst and its catalytic activity for n-pentane isomerization. Russian Journal of Applied Chemistry, 2016, 89, 670-678. | 0.1 | 3 |
| 92 | Preparation of manganese dioxide loaded activated carbon adsorbents and their desulfurization performance. Russian Journal of Physical Chemistry A, 2016, 90, 2633-2641. | 0.1 | 4 |
| 93 | Friedelâ€“Crafts alkylation of toluene with tert-butyl alcohol over Fe2O3-modified HÎ². RSC Advances, 2016, 6, 107239-107245. | 1.7 | 8 |
| 94 | Performance of Cu/TiO<sub>2</sub>â€SiO<sub>2</sub> catalysts in hydrogenation of furfural to furfuryl alcohol. Canadian Journal of Chemical Engineering, 2016, 94, 1368-1374. | 0.9 | 40 |
| 95 | Effect of P/Ni molar ratio on the structure and hydrodesulfurization performance of nickel phosphide catalyst prepared by the solvothermal method. Journal of Fuel Chemistry and Technology, 2016, 44, 557-563. | 0.9 | 7 |
| 96 | Effect of Citric Acid on the Hydrodesulfurization Performance of Unsupported Nickel Phosphide. Industrial & Engineering Chemistry Research, 2016, 55, 555-559. | 1.8 | 14 |
| 97 | Kinetic and thermodynamic studies on adsorption of thiophene and benzothiophene onto AgCeY Zeolite. Journal of the Taiwan Institute of Chemical Engineers, 2016, 63, 125-132. | 2.7 | 19 |
| 98 | Fluoride concentration controlled TiO<sub>2</sub> nanotubes: the interplay of microstructure and photocatalytic performance. RSC Advances, 2016, 6, 18333-18339. | 1.7 | 22 |
| 99 | Effect of Co-B supporting methods on the hydrogenation of m-chloronitrobenzene over Co-B/CNTs amorphous alloy catalysts. Applied Catalysis A: General, 2016, 514, 248-252. | 2.2 | 28 |
| 100 | Influence of rare earth metals on structure and performance of Ni<sub>2</sub>P/MCM-41 hydrodesulfurisation catalysts. Progress in Reaction Kinetics and Mechanism, 2016, 41, 48-56. | 1.1 | 4 |
| 101 | Effect of calcination temperature on desulfurization performance over Mn x O y supported on MCM-41 at low temperatures. Research on Chemical Intermediates, 2016, 42, 6003-6012. | 1.3 | 4 |
| 102 | Preparation of Pt/Al2O3 catalyst in CTAB microemulsion and kinetics of m-chloronitrobenzene hydrogenation. Russian Journal of Physical Chemistry A, 2016, 90, 276-281. | 0.1 | 3 |
| 103 | Deep adsorptive desulfurization over Cu, Ce bimetal ion-exchanged Y-typed molecule sieve. Adsorption, 2016, 22, 139-150. | 1.4 | 28 |
| 104 | Effect of Pd content on the isomerization performance over Pd-S2O8 2â¯/ZrO2-Al2O3 catalyst. Research on Chemical Intermediates, 2016, 42, 951-962. | 1.3 | 6 |
| 105 | Preparation of a highly dispersed Ni2P/Al2O3 catalyst using Niâ€“Alâ€“CO32â¯ layered double hydroxide as a nickel precursor. Catalysis Communications, 2016, 73, 50-53. | 1.6 | 5 |
| 106 | The effect of Znâ€“Fe modified S2O8 2â¯/ZrO2â€“Al2O3 catalyst for n-pentane hydroisomerization. Research on Chemical Intermediates, 2016, 42, 3029-3038. | 1.3 | 15 |
| 107 | Effect of preparation method on the HDS performance of unsupported Y-Ni2P catalysts. Journal of Fuel Chemistry and Technology, 2015, 43, 1215-1220. | 0.9 | 3 |
| 108 | Synthesis of an yttrium-modified bulk Ni2P catalyst with high hydrodesulfurization activity. Catalysis Communications, 2015, 63, 52-55. | 1.6 | 11 |

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|---|---|---|---|
| 109 | The effect of neodymium content on dibenzothiophene HDS performance over a bulk Ni2P catalyst. Catalysis Communications, 2015, 69, 59-62. | 1.6 | 14 |
| 110 | A novel surface modification approach for synthesizing supported nickel phosphide catalysts with high activity for hydrodeoxygenation of benzofuran. Applied Catalysis A: General, 2015, 505, 267-275. | 2.2 | 29 |
| 111 | Pt/Al2O3 Catalyst Prepared from Water-in-Oil Microemulsion and Used in Catalytic Hydrogenation. Progress in Reaction Kinetics and Mechanism, 2015, 40, 190-200. | 1.1 | 2 |
| 112 | Selective hydrogenation of m-chloronitrobenzene to m-chloroaniline over polyvinylpyrrolidone-stabilized Pt and Pt/Sn catalysts. Russian Journal of Physical Chemistry A, 2015, 89, 766-770. | 0.1 | 1 |
| 113 | Polyvinylpyrrolidone-stabilized Pt colloidal catalysts in chloronitrobenzene hydrogenation and modification with rare earth ions. Reaction Kinetics, Mechanisms and Catalysis, 2015, 116, 479-489. | 0.8 | 3 |
| 114 | Preparation of SO4 2â^'/ZrO2 solid superacid and oxidative desulfurization using K2FeO4. Research on Chemical Intermediates, 2015, 41, 365-382. | 1.3 | 8 |
| 115 | Preparation of AgY zeolite and study on its adsorption equilibrium and kinetics. Research on Chemical Intermediates, 2015, 41, 3837-3854. | 1.3 | 16 |
| 116 | Adsorption of low-concentration H2S on manganese dioxide-loaded activated carbon. Research on Chemical Intermediates, 2015, 41, 6087-6104. | 1.3 | 11 |
| 117 | Laâ€“Ni modified S2O82â^'/ZrO2-Al2O3 catalyst in n-pentane hydroisomerization. Catalysis Communications, 2015, 59, 61-64. | 1.6 | 32 |
| 118 | Effect of Al Content on the Isomerization Performance of Solid Superacid Pdâ€“S2O82â^'/ZrO2â€“Al2O3. Chinese Journal of Chemical Engineering, 2014, 22, 1226-1231. | 1.7 | 14 |
| 119 | Preparation of Nano Ni<sub>2</sub>P/TiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> Catalyst and Catalytic Activity for Hydrodesulfurization. Advanced Materials Research, 2014, 983, 71-74. | 0.3 | 0 |
| 120 | Synthesis of a Ni2P catalyst supported on anataseâ€“TiO2 whiskers with high hydrodesulfurization activity, based on triphenylphosphine. Catalysis Communications, 2014, 43, 151-154. | 1.6 | 27 |
| 121 | Characteristic and Adsorption Desulfurization Performance of Agâ€“Ce Bimetal Ion-Exchanged Y Zeolite. Industrial & Engineering Chemistry Research, 2014, 53, 14552-14557. | 1.8 | 61 |
| 122 | Equilibrium, Kinetic, and Thermodynamic Studies on Adsorptive Desulfurization onto Cu<sup>I</sup>Ce<sup>IV</sup>Y Zeolite. Industrial & Engineering Chemistry Research, 2014, 53, 5701-5708. | 1.8 | 35 |
| 123 | A solution-phase synthesis of supported Ni2P catalysts with high activity for hydrodesulfurization of dibenzothiophene. Journal of Molecular Catalysis A, 2014, 385, 149-159. | 4.8 | 28 |
| 124 | Effect of titanium content on dibenzothiophene HDS performance over Ni2P/Ti-MCM-41 catalyst. Journal of Catalysis, 2014, 311, 257-265. | 3.1 | 131 |
| 125 | A novel synthesis of Ni2P/MCM-41 catalysts by reducing a precursor of ammonium hypophosphite and nickel chloride at low temperature. Applied Catalysis A: General, 2013, 462-463, 247-255. | 2.2 | 53 |
| 126 | Deep desulfurization of model gasoline by selective adsorption over Cuâ€“Ce bimetal ion-exchanged Y zeolite. Fuel Processing Technology, 2013, 116, 52-62. | 3.7 | 101 |

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|---|---|---|---|
| 127 | Preparation of Agy zeolites using microwave irradiation and study on their adsorptive desulphurisation performance. Canadian Journal of Chemical Engineering, 2013, 91, 915-923. | 0.9 | 14 |
| 128 | Preparation of composite TiO2â€“Al2O3 supported nickel phosphide hydrotreating catalysts and catalytic activity for hydrodesulfurization of dibenzothiophene. Fuel Processing Technology, 2012, 96, 228-236. | 3.7 | 72 |
| 129 | Promoting Effects of Pt on the Catalytic Performance of Supported NiB Amorphous Alloy Catalysts for Benzene Hydrogenation. Chinese Journal of Chemical Engineering, 2011, 19, 698-702. | 1.7 | 3 |
| 130 | A novel procedure for acid-catalysed K2FeO4 oxidation of benzyl alcohol in organic phase. Environmental Chemistry Letters, 2011, 9, 331-337. | 8.3 | 6 |
| 131 | Effect of the Reduction Temperature on Nickel Phosphide Catalyst Structure and Catalytic Activity for Hydrodesulfurization. Advanced Materials Research, 0, 1025-1026, 782-786. | 0.3 | 2 |
| 132 | Polyamidoamine grafted with magnetic material (M-Gn-PAMAM): an efficient demulsifier for oil-contaminated industrial wastewater. Journal of Dispersion Science and Technology, 0, , 1-9. | 1.3 | 0 |
| 133 | Size-controlled, hollow and hierarchically porous Co2Ni2 alloy nanocubes for efficient oxygen reduction in microbial fuel cells. Reaction Chemistry and Engineering, 0, , . | 1.9 | 3 |
| 134 | A spherical multishell hollow carbon-based catalyst with a controllable N-species content for the oxygen reduction reaction in air-breathing cathode microbial fuel cells. Reaction Chemistry and Engineering, 0, , . | 1.9 | 3 |
| 135 | A Spherical Superstructure of Co,N-doping Mesoporous Carbon for Oxygen Reduction Reaction in Air-Breath Cathode Microbial Fuel Cell. Catalysis Letters, 0, , 1. | 1.4 | 0 |