# Hongxia Wang

List of Publications by Year
in descending order

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| 28 | 749 | 687363 13 | 526287 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 28 | 28 | 28 | 1161 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Synthesis of cuprous oxide nanoparticles on graphitic carbon nitride and reduced graphene oxide and their catalytic performance toward the reduction of 4-nitrophenol. Journal of Materials Science, 2022, 57, 2424-2435. | 3.7 | 5 |
| 2 | Î³-Butyrolactone-Assisted Route for the Fast Synthesis of Î²-Zeolite and Its Application in the Alkylation of Benzene with Isobutylene. Industrial & Engineering Chemistry Research, 2022, 61, 403-412. | 3.7 | 0 |
| 3 | Exfoliation of graphitic carbon nitride and homogeneous loading of Cu2O catalyst. Solid State Sciences, 2022, 129, 106915. | 3.2 | 4 |
| 4 | MoS2 â€“ induced hollow Cu2O spheres: Synthesis and efficient catalytic performance in the reduction of 4-nitrophenol by NaBH4. Applied Surface Science, 2021, 539, 148285. | 6.1 | 26 |
| 5 | Tuneable oxidation of styrene to benzaldehyde and benzoic acid over Co/ZSM-5. New Journal of Chemistry, 2021, 45, 18192-18201. | 2.8 | 11 |
| 6 | VOx-MoOy single molecular layer modified graphic carbon nitride polymer for enhanced selective styrene oxidation. Journal of Industrial and Engineering Chemistry, 2021, , . | 5.8 | 3 |
| 7 | N-methyl-2-pyrrolidone-induced conversion of USY into hollow Beta zeolite and its application in the alkylation of benzene with isobutylene. Microporous and Mesoporous Materials, 2020, 294, 109944. | 4.4 | 11 |
| 8 | Single transition metal atoms anchored on a C<sub>2</sub>N monolayer as efficient catalysts for hydrazine electrooxidation. Physical Chemistry Chemical Physics, 2020, 22, 16691-16700. | 2.8 | 12 |
| 9 | SO42â€“â€“Feâ€“V/ZrO2 Composite for Selective Oxidation of Styrene to Benzaldehyde in H2O2 Aqueous Solution. Industrial & Engineering Chemistry Research, 2020, 59, 4411-4418. | 3.7 | 6 |
| 10 | Ionic Liquid Dispersed Ti/SBA-15 for Double-Bond Cleavage Oxidation of Î±-Methylstyrene into Acetophenone. Catalysis Letters, 2019, 149, 3491-3500. | 2.6 | 6 |
| 11 | Heterostructures of doped graphene and MoX<sub>2</sub> (X = S and Se) as promising anchoring materials for lithiumâ€“sulfur batteries: a first-principles study. New Journal of Chemistry, 2019, 43, 9396-9402. | 2.8 | 17 |
| 12 | Doping MoS2 monolayer with nonmetal atoms to tune its electronic and magnetic properties, and chemical activity: a computational study. New Journal of Chemistry, 2019, 43, 5766-5772. | 2.8 | 9 |
| 13 | Direct synthesis of hollow single-crystalline zeolite beta using a small organic lactam as a recyclable hollow-directing agent. Journal of Materials Chemistry A, 2019, 7, 10795-10804. | 10.3 | 25 |
| 14 | Fabrication of reduced graphene oxide decorated with gold and nickel for the catalytic reduction of 4-nitrophenol. Journal of Materials Science, 2018, 53, 4874-4883. | 3.7 | 24 |
| 15 | Design and synthesis of surface-controlled CuOx/rGO nanocomposites with unusually high efficiency in catalytic conversion of organic reactants in the presence of NaBH4. Applied Surface Science, 2018, 459, 716-722. | 6.1 | 28 |
| 16 | Highly selective oxidation of styrene to benzaldehyde over Fe3O4 using H2O2 aqueous solution as oxidant. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 743-756. | 1.7 | 18 |
| 17 | Effect of acidic and red-ox sites over modified ZSM-5 surface on selectivity in oxidation of toluene. Molecular Catalysis, 2017, 442, 20-26. | 2.0 | 12 |
| 18 | Highly selective oxidation of methanol to dimethoxymethane over SO<sub>4</sub><sup>2â’</sup>/V<sub>2</sub>O<sub>5</sub>â€“ZrO<sub>2</sub>. New Journal of Chemistry, 2017, 41, 8370-8376. | 2.8 | 11 |

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|---|---|---|---|
| 19 | Immobilization of laccase from Pleurotus ostreatus on magnetic separable SiO2 support and excellent activity towards azo dye decolorization. Journal of Environmental Chemical Engineering, 2016, 4, 2585-2591. | 6.7 | 37 |
| 20 | Rapid Decolorization of Phenolic Azo Dyes by Immobilized Laccase with Fe<sub>3</sub>O<sub>4</sub>/SiO<sub>2</sub> Nanoparticles as Support. Industrial & Engineering Chemistry Research, 2013, 52, 4401-4407. | 3.7 | 75 |
| 21 | Methane dehydro-aromatization over Mo/HZSM-5 catalysts in the absence of oxygen: Effect of steam-treatment on catalyst stability. Journal of Natural Gas Chemistry, 2011, 20, 547-552. | 1.8 | 12 |
| 22 | Precursor template synthesis of three-dimensional mesoporous ZnO hierarchical structures and their photocatalytic properties. CrystEngComm, 2010, 12, 2166. | 2.6 | 67 |
| 23 | Fabrication and catalytic tests of MCM-22/silicon carbide structured catalysts. Dalton Transactions, 2010, 39, 9705. | 3.3 | 10 |
| 24 | Experimental Study on Photocatalytic Activity of Cu2O/Cu Nanocomposites Under Visible Light. Catalysis Letters, 2009, 132, 75-80. | 2.6 | 61 |
| 25 | A Facile and Effective Method for the Distribution of Mo/HZSM-5 Catalyst Active Centers. Catalysis Letters, 2003, 89, 75-79. | 2.6 | 7 |
| 26 | Combined Single-Pass Conversion of Methane Via Oxidative Coupling and Dehydroaromatization. Catalysis Letters, 2003, 89, 275-279. | 2.6 | 15 |
| 27 | Creating Mesopores in ZSM-5 Zeolite by Alkali Treatment: A New Way to Enhance the Catalytic Performance of Methane Dehydroaromatization on Mo/HZSM-5 Catalysts. Catalysis Letters, 2003, 91, 155-167. | 2.6 | 204 |
| 28 | Post-steam-treatment of Mo/HZSM-5 Catalysts:Â An Alternative and Effective Approach for Enhancing Their Catalytic Performances of Methane Dehydroaromatization. Journal of Physical Chemistry B, 2003, 107, 12964-12972. | 2.6 | 33 |