

Jiaxiu Guo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,006
citations

471509

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454955

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docs citations

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times ranked

726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synthesis of an ultrathin MnO ₂ nanosheet-coated Bi ₂ WO ₆ nanosheet as a heterojunction photocatalyst with enhanced photocatalytic activity. <i>Chemical Engineering Journal</i> , 2022, 429, 132193. | 12.7 | 49 |
| 2 | Investigation of Mn doped perovskite La-Mn oxides for NH ₃ -SCR activity and SO ₂ /H ₂ O resistance. <i>Fuel</i> , 2022, 310, 122237. | 6.4 | 37 |
| 3 | Uniform H-CdS@NiCoP core-shell nanosphere for highly efficient visible-light-driven photocatalytic H ₂ evolution. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2730-2739. | 9.4 | 26 |
| 4 | The absorption of SO ₂ by morpholine cyclic amines with sulfolane as the solvent for flue gas. <i>Journal of Hazardous Materials</i> , 2021, 408, 124462. | 12.4 | 10 |
| 5 | Photocatalytic removal of NO by light-driven Mn ₃ O ₄ /BiOCl heterojunction photocatalyst: Optimization and mechanism. <i>Chemical Engineering Journal</i> , 2021, 408, 128014. | 12.7 | 89 |
| 6 | Effect of doped strontium on catalytic properties of La ^{1-x} Sr ^x MnO ₃ for rhodamine B degradation. <i>Journal of Rare Earths</i> , 2021, 39, 1362-1369. | 4.8 | 11 |
| 7 | Enhanced Catalytic Combustion Performance of Toluene over a Novel Co-CeO _x Monolith Catalyst. <i>Energy & Fuels</i> , 2021, 35, 6190-6201. | 5.1 | 17 |
| 8 | Synergistic effect of citric acid and carbon dots modified g-C ₃ N ₄ for enhancing photocatalytic reduction of Cr(VI). <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2021, 70, 570-586. | 1.4 | 2 |
| 9 | Improvement of NH ₃ -SCR activity and resistance to SO ₂ and H ₂ O by Ce modified La-Mn perovskite catalyst. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 102-111. | 5.3 | 28 |
| 10 | Enhancement of Ce doped La-Mn oxides for the selective catalytic reduction of NO _x with NH ₃ and SO ₂ and/or H ₂ O resistance. <i>Chemical Engineering Journal</i> , 2021, 421, 129995. | 12.7 | 61 |
| 11 | Effect of aluminum on the catalytic performance and reaction mechanism of Mn/MCM-41 for NH ₃ -SCR reaction. <i>Applied Surface Science</i> , 2020, 534, 147592. | 6.1 | 46 |
| 12 | Investigation of photocatalytic performance of CuS/Bi ₂ WO ₆ and degradation pathway of RhB in water. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2020, 69, 145-159. | 1.4 | 10 |
| 13 | Study on the catalytic performance of LaMnO ₃ for the RhB degradation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 109, 15-25. | 5.3 | 63 |
| 14 | Effect of post-treatment on the selective catalytic reduction of NO with NH ₃ over Mn ₃ O ₄ . <i>Materials Chemistry and Physics</i> , 2019, 237, 121845. | 4.0 | 11 |
| 15 | The enhanced performance of Ti doped MnO _x for the removal of NO with NH ₃ . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 100, 168-177. | 5.3 | 15 |
| 16 | Investigation of catalytic activity and mechanism for RhB degradation by LaMnO ₃ perovskites prepared via the citric acid method. <i>New Journal of Chemistry</i> , 2019, 43, 18146-18157. | 2.8 | 24 |
| 17 | Study of NO removal and resistance to SO ₂ and H ₂ O of MnO/TiO ₂ , MnO/ZrO ₂ and MnO/ZrO ₂ -TiO ₂ . <i>Applied Catalysis A: General</i> , 2018, 553, 82-90. | 4.3 | 47 |
| 18 | Regeneration of Fe Modified Activated Carbon Treated by HNO ₃ for Flue Gas Desulfurization. <i>Energy & Fuels</i> , 2018, 32, 765-776. | 5.1 | 12 |

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|----|---|------|-----------|
| 19 | Enhancing performance of Co/CeO ₂ catalyst by Sr doping for catalytic combustion of toluene. Applied Surface Science, 2018, 445, 145-153. | 6.1 | 93 |
| 20 | Effect of calcination temperature on low-temperature NH ₃ -SCR activity and the resistance of SO ₂ with or without H ₂ O over Fe-Mn-Zr catalyst. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 277-288. | 5.3 | 42 |
| 21 | Enhancement of low-temperature activity and sulfur resistance of Fe _{0.3} Mn _{0.5} Zr _{0.2} catalyst for NO removal by NH ₃ -SCR. Chemical Engineering Journal, 2017, 325, 114-123. | 12.7 | 137 |
| 22 | Effects of different Zr/Ti ratios on NH ₃ -SCR over MnO _x /Zr-Ti-O ₂ : Characterization and reaction mechanism. Molecular Catalysis, 2017, 443, 25-37. | 2.0 | 31 |
| 23 | Low temperature selective catalytic reduction of NO by C ₃ H ₆ over CeO _x loaded on AC treated by HNO ₃ . Journal of Rare Earths, 2015, 33, 371-381. | 4.8 | 15 |
| 24 | Effects of Nd on the properties of CeO ₂ -ZrO ₂ and catalytic activities of three-way catalysts with low Pt and Rh. Journal of Alloys and Compounds, 2015, 621, 104-115. | 5.5 | 27 |
| 25 | Physicochemical properties and desulfurization activities of metal oxide/biomass-based activated carbons prepared by blending method. Adsorption, 2014, 20, 747-756. | 3.0 | 18 |
| 26 | A comparative study of SrO and BaO doping to CeO ₂ ZrO ₂ : Characteristic and its catalytic performance for three-way catalysts. Materials Research Bulletin, 2013, 48, 495-503. | 5.2 | 10 |
| 27 | A comparative study of Y ³⁺ - or/and La ³⁺ -doped CeO ₂ -ZrO ₂ -based solid solution. Journal of Materials Research, 2013, 28, 887-896. | 2.6 | 5 |
| 28 | Ni supported on activated carbon as catalyst for flue gas desulfurization. Science China Chemistry, 2010, 53, 846-850. | 8.2 | 13 |
| 29 | Preparation of nanometric CeO ₂ -ZrO ₂ -Nd ₂ O ₃ solid solution and its catalytic performances. Journal of Alloys and Compounds, 2008, 460, 485-490. | 5.5 | 44 |
| 30 | Influence of Ce _{0.35} Zr _{0.55} Y _{0.10} Solid Solution on Performance of Pt-Rh Three-Way Catalysts. Journal of Rare Earths, 2007, 25, 179-183. | 4.8 | 13 |