Jiaxiu Guo

List of Publications by Year in descending order

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30 papers	1,006 citations	471509 17 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	726 citing authors

#	Article	IF	Citations
1	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
2	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
3	Photocatalytic removal of NO by light-driven Mn3O4/BiOCl heterojunction photocatalyst: Optimization and mechanism. Chemical Engineering Journal, 2021, 408, 128014.	12.7	89
4	Study on the catalytic performance of LaMnO3 for the RhB degradation. Journal of the Taiwan Institute of Chemical Engineers, 2020, 109, 15-25.	5.3	63
5	Enhancement of Ce doped Laâ€“Mn oxides for the selective catalytic reduction of NOx with NH3 and SO2 and/or H2O resistance. Chemical Engineering Journal, 2021, 421, 129995.	12.7	61
6	Synthesis of an ultrathin MnO2 nanosheet-coated Bi2WO6 nanosheet as a heterojunction photocatalyst with enhanced photocatalytic activity. Chemical Engineering Journal, 2022, 429, 132193.	12.7	49
7	Study of NO removal and resistance to SO2 and H2O of MnO /TiO2, MnO /ZrO2 and MnO /ZrO2â€“TiO2. Applied Catalysis A: General, 2018, 553, 82-90.	4.3	47
8	Effect of aluminum on the catalytic performance and reaction mechanism of Mn/MCM-41 for NH3-SCR reaction. Applied Surface Science, 2020, 534, 147592.	6.1	46
9	Preparation of nanometric CeO2â€“ZrO2â€“Nd2O3 solid solution and its catalytic performances. Journal of Alloys and Compounds, 2008, 460, 485-490.	5.5	44
10	Effect of calcination temperature on low-temperature NH3-SCR activity and the resistance of SO2 with or without H2O over Feâ€“Mnâ€“Zr catalyst. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 277-288.	5.3	42
11	Investigation of Mn doped perovskite La-Mn oxides for NH3-SCR activity and SO2/H2O resistance. Fuel, 2022, 310, 122237.	6.4	37
12	Effects of different Zr/Ti ratios on NH3â€“SCR over MnO /Zr Ti1-O2: Characterization and reaction mechanism. Molecular Catalysis, 2017, 443, 25-37.	2.0	31
13	Improvement of NH3-SCR activity and resistance to SO2 and H2O by Ce modified La-Mn perovskite catalyst. Journal of the Taiwan Institute of Chemical Engineers, 2021, 126, 102-111.	5.3	28
14	Effects of Nd on the properties of CeO2â€“ZrO2 and catalytic activities of three-way catalysts with low Pt and Rh. Journal of Alloys and Compounds, 2015, 621, 104-115.	5.5	27
15	Uniform H-CdS@NiCoP coreâ€“shell nanosphere for highly efficient visible-light-driven photocatalytic H2 evolution. Journal of Colloid and Interface Science, 2022, 608, 2730-2739.	9.4	26
16	Investigation of catalytic activity and mechanism for RhB degradation by LaMnO₃perovskites preparedviathe citric acid method. New Journal of Chemistry, 2019, 43, 18146-18157.	2.8	24
17	Physicochemical properties and desulfurization activities of metal oxide/biomass-based activated carbons prepared by blending method. Adsorption, 2014, 20, 747-756.	3.0	18
18	Enhanced Catalytic Combustion Performance of Toluene over a Novel Coâ€“CeO_x Monolith Catalyst. Energy & Fuels, 2021, 35, 6190-6201.	5.1	17

#	Article	IF	Citations
19	Low temperature selective catalytic reduction of NO by C3H6 over CeOx loaded on AC treated by HNO3. Journal of Rare Earths, 2015, 33, 371-381.	4.8	15
20	The enhanced performance of Ti doped MnOx for the removal of NO with NH3. Journal of the Taiwan Institute of Chemical Engineers, 2019, 100, 168-177.	5.3	15
21	Influence of Ce0.35Zr0.55Y0.10 Solid Solution on Peroformance of Pt-Rh Three-Way Catalysts. Journal of Rare Earths, 2007, 25, 179-183.	4.8	13
22	Ni supported on activated carbon as catalyst for flue gas desulfurization. Science China Chemistry, 2010, 53, 846-850.	8.2	13
23	Regeneration of Fe Modified Activated Carbon Treated by HNO₃ for Flue Gas Desulfurization. Energy & Fuels, 2018, 32, 765-776.	5.1	12
24	Effect of post-treatment on the selective catalytic reduction of NO with NH3 over Mn3O4. Materials Chemistry and Physics, 2019, 237, 121845.	4.0	11
25	Effect of doped strontium on catalytic properties of La1â€’Sr MnO3 for rhodamine B degradation. Journal of Rare Earths, 2021, 39, 1362-1369.	4.8	11
26	A comparative study of SrO and BaO doping to CeO2ZrO2: Characteristic and its catalytic performance for three-way catalysts. Materials Research Bulletin, 2013, 48, 495-503.	5.2	10
27	Investigation of photocatalytic performance of CuS/Bi2WO6 and degradation pathway of RhB in water. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 145-159.	1.4	10
28	The absorption of SO2 by morpholine cyclic amines with sulfolane as the solvent for flue gas. Journal of Hazardous Materials, 2021, 408, 124462.	12.4	10
29	A comparative study of Y3+- or/and La3+-doped CeO2â€“ZrO2-based solid solution. Journal of Materials Research, 2013, 28, 887-896.	2.6	5
30	Synergistic effect of citric acid and carbon dots modified g-C3N4 for enhancing photocatalytic reduction of Cr(VI). Journal of Water Supply: Research and Technology - AQUA, 2021, 70, 570-586.	1.4	2