Ming Kong

List of Publications by Year
in descending order

29 papers	1,487 citations	394421 19 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	697 citing authors

#	Article	IF	Citations
1	Influence of phosphorus on the NH3-SCR performance of CeO2-TiO2 catalyst for NO removal from co-incineration flue gas of domestic waste and municipal sludge. Journal of Colloid and Interface Science, 2022, 610, 463-473.	9.4	38
2	Deactivation mechanisms of MnO -CeO2/Ti-bearing blast furnace slag low-temperature SCR catalyst by PbO and PbCl2. Molecular Catalysis, 2022, 521, 112209.	2.0	4
3	Efficient MnO -CeO2/Ti-bearing blast furnace slag catalyst for NH3-SCR of NO at low temperature: Study of support treating and Mn/Ce ratio. Journal of Environmental Chemical Engineering, 2022, 10, 108238.	6.7	18
4	<i>In situ</i> observations of isothermal cuspidine crystallization in molten mould fluxes with varying basicity. Ironmaking and Steelmaking, 2021, 48, 149-154.	2.1	2
5	Insight into N2O Formation Over Different Crystal Phases of MnO2 During Low-Temperature NH3â€“SCR of NO. Catalysis Letters, 2021, 151, 2964-2971.	2.6	38
6	Insight into regeneration mechanism with sulfuric acid for arsenic poisoned commercial SCR catalyst. Journal of the Energy Institute, 2020, 93, 387-394.	5.3	28
7	Iron doped effects on active sites formation over activated carbon supported Mn-Ce oxide catalysts for low-temperature SCR of NO. Chemical Engineering Journal, 2020, 379, 122398.	12.7	195
8	Promotional effects of nitrogen doping on catalytic performance over manganese-containing semi-coke catalysts for the NH3-SCR at low temperatures. Journal of Hazardous Materials, 2020, 387, 121704.	12.4	65
9	Comparative Studies of Effects of Vapor- and Liquid-Phase As₂O₃ on Catalytic Behaviors of V₂O₅â€“WO₃/TiO₂ Catalysts for NH₃-SCR. ACS Omega, 2020, 5, 24195-24203.	3.5	15
10	Separating Sulfur from Fuel Gas Desulfurization Gypsum with an Oxalic Acid Solution. ACS Omega, 2020, 5, 16932-16939.	3.5	5
11	In situ IR comparative study on N2O formation pathways over different valence states manganese oxides catalysts during NH3â€“SCR of NO. Chemical Engineering Journal, 2020, 397, 125446.	12.7	131
12	Synergistic effect of arsenic and different potassium species on V2O5-WO3/TiO2 catalyst poisoning: Comparison of Clâˆ’, SO42âˆ’ and NO3âˆ’ anions. Catalysis Communications, 2020, 144, 106069.	3.3	18
13	Low-temperature flue gas denitration with transition metal oxides supported on biomass char. Journal of the Energy Institute, 2019, 92, 1158-1166.	5.3	30
14	K+ deactivation of V2O5-WO3/TiO2 catalyst during selective catalytic reduction of NO with NH3: Effect of vanadium content. Chemical Engineering Journal, 2019, 370, 518-526.	12.7	63
15	V2O5-modified Mn-Ce/AC catalyst with high SO2 tolerance for low-temperature NH3-SCR of NO. Chemical Engineering Journal, 2019, 370, 810-821.	12.7	207
16	New insights into the deactivation mechanism of V₂O₅-WO₃/TiO₂ catalyst during selective catalytic reduction of NO with NH₃: synergies between arsenic and potassium species. RSC Advances, 2019, 9, 37724-37732.	3.6	19
17	Low-temperature SCR of NO with NH3 over biomass char supported highly dispersed Mn Ce mixed oxides. Journal of the Energy Institute, 2019, 92, 883-891.	5.3	48
18	Role of cerium in improving NO reduction with NH 3 over Mnâ€“Ce/ASC catalyst in low-temperature flue gas. Chemical Engineering Research and Design, 2018, 133, 1-10.	5.6	63

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19	Physicochemical properties of pine-derived bio-chars modified by metal oxides and their performance in the removal of NO. Journal of the Energy Institute, 2018, 91, 467-472.	5.3	19
20	Promotional effect of Ce on the SCR of NO with NH3 at low temperature over MnO x supported by nitric acid-modified activated carbon. Research on Chemical Intermediates, 2018, 44, 1729-1744.	2.7	43
21	Effect of different potassium species on the deactivation of V2O5-WO3/TiO2 SCR catalyst: Comparison of K2SO4, KCl and K2O. Chemical Engineering Journal, 2018, 348, 637-643.	12.7	98
22	Poisoning effects of KCl and As2O3 on selective catalytic reduction of NO with NH3 over Mn-Ce/AC catalysts at low temperature. Chemical Engineering Journal, 2018, 351, 540-547.	12.7	55
23	Effect of Ce doping on the resistance of Na over V2O5-WO3/TiO2 SCR catalysts. Materials Research Bulletin, 2018, 104, 112-118.	5.2	35
24	Sintering flue gas desulfurization with different carbon materials modified by microwave irradiation. Journal of Iron and Steel Research International, 2017, 24, 979-984.	2.8	15
25	Selection of carbon materials and modification methods in low-temperature sintering flue gas denitrification. Chemical Engineering Research and Design, 2017, 126, 278-285.	5.6	50
26	Effect of Interphase Forces on Gasâ€“Liquid Multiphase Flow in RH Degasser. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2017, 48, 2620-2630.	2.1	28
27	Property influence and poisoning mechanism of HgCl2 on V2O5-WO3/TiO2 SCR-DeNO catalysts. Catalysis Communications, 2016, 85, 34-38.	3.3	13
28	Synergy of KCl and Hgel on selective catalytic reduction of NO with NH3 over V2O5â€“WO3/TiO2 catalysts. Chemical Engineering Journal, 2015, 264, 815-823.	12.7	55
29	Performance impact and poisoning mechanism of arsenic over commercial V2O5â€“WO3/TiO2 SCR catalyst. Catalysis Communications, 2015, 72, 121-126.	3.3	89