

Young Jin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,090
citations

759233

12
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal stability of CuSSZ13 for reducing NO _x by NH ₃ . Journal of Catalysis, 2014, 311, 447-457.	6.2	294
2	Mn-Fe/ZSM5 as a low-temperature SCR catalyst to remove NO _x from diesel engine exhaust. Applied Catalysis B: Environmental, 2012, 126, 9-21.	20.2	175
3	High deNO _x performance of Mn/TiO ₂ catalyst by NH ₃ . Catalysis Today, 2010, 151, 244-250.	4.4	121
4	NO oxidation activity of Ag-doped perovskite catalysts. Journal of Catalysis, 2014, 319, 182-193.	6.2	119
5	Synthesis of zeolite UZM-35 and catalytic properties of copper-exchanged UZM-35 for ammonia selective catalytic reduction. Applied Catalysis B: Environmental, 2017, 200, 428-438.	20.2	50
6	Kinetic Parameter Estimation of a Commercial Fe-Zeolite SCR. Industrial & Engineering Chemistry Research, 2011, 50, 2850-2864.	3.7	49
7	Thermal stability of Pd-containing LaAlO ₃ perovskite as a modern TWC. Journal of Catalysis, 2015, 330, 71-83.	6.2	46
8	Effect of Hydrocarbon on DeNO _x Performance of Selective Catalytic Reduction by a Combined Reductant over Cu-Containing Zeolite Catalysts. ACS Catalysis, 2019, 9, 9800-9812.	11.2	40
9	Unraveling the origin of extraordinary lean NO _x reduction by CO over Ir-Ru bimetallic catalyst at low temperature. Applied Catalysis B: Environmental, 2021, 280, 119374.	20.2	33
10	Deactivation mechanism of Cu/Zeolite SCR catalyst under high-temperature rich operation condition. Applied Catalysis A: General, 2019, 569, 175-180.	4.3	28
11	Nonthermal plasma in practical-scale honeycomb catalysts for the removal of toluene. Journal of Hazardous Materials, 2021, 404, 123958.	12.4	26
12	Plasma-catalytic oxidation of volatile organic compounds with honeycomb catalyst for industrial application. Chemical Engineering Research and Design, 2022, 177, 406-417.	5.6	15
13	Practical-scale honeycomb catalytic reactor coupled with non-thermal plasma for high-throughput removal of isopropanol. Chemical Engineering Journal, 2022, 430, 132905.	12.7	14
14	Ethylene trapping of palladium-impregnated zeolites for cold-start emission control. Chemical Engineering Journal, 2022, 442, 136197.	12.7	12
15	Kinetic and DRIFTS studies of IrRu/Al ₂ O ₃ catalysts for lean NO _x reduction by CO at low temperature. Catalysis Science and Technology, 2020, 10, 8182-8195.	4.1	11
16	Dependence of humidified air plasma discharge performance in commercial honeycomb monoliths on the configuration and key parameters of the reactor. Journal of Hazardous Materials, 2021, 404, 124024.	12.4	11
17	High-Throughput NO _x Removal by Two-Stage Plasma Honeycomb Monolith Catalyst. Environmental Science & Technology, 2021, 55, 6386-6396.	10.0	11
18	A Combinatorial Chemistry Method for Fast Screening of Perovskite-Based NO Oxidation Catalyst. ACS Combinatorial Science, 2014, 16, 614-623.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Effective practical removal of acetaldehyde by a sandwich-type plasma-in-honeycomb reactor under surrounding ambient conditions. <i>Journal of Hazardous Materials</i> , 2021, 415, 125608.	12.4	7
20	Effects of Alkali Metals on Nickel/Alumina Catalyzed Ethanol Dry Reforming. <i>Catalysts</i> , 2021, 11, 260.	3.5	6
21	Non-thermal plasma in honeycomb catalyst for the high-throughput removal of dilute styrene from air. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105780.	6.7	6
22	Effect of CO ₂ on the DeNO _x Activity of a Small Pore Zeolite Copper Catalyst for NH ₃ /SCR. <i>ChemCatChem</i> , 2014, 6, 1186-1189.	3.7	5
23	Influence of support acidity on CO ₂ reforming of ethane at high temperature. <i>Journal of CO₂ Utilization</i> , 2021, 53, 101713.	6.8	1