Dong Wook Kwon

List of Publications by Year
in descending order

26	1,283	471509 17	552781 26
papers	citations	h-index	g-index

26	26	26	1085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New insight into the role of Moâ€“Sb addition towards VMoSbTi catalysts with enhanced activity for selective catalytic reduction with NH3. Chemical Engineering Journal, 2022, 428, 132078.	12.7	18
2	Thermal stability of CeVO4-based catalysts depending on support composition for the selective catalytic reduction of NOx by ammonia. Research on Chemical Intermediates, 2022, 48, 647-667.	2.7	2
3	Influence of support composition on enhancing the performance of Ce-V on TiO2 comprised tungsten-silica for NH3-SCR. Catalysis Today, 2021, 359, 112-123.	4.4	18
4	Er composition (X)-mediated catalytic properties of Ce1-XErXVO4 surfaces for selective catalytic NOX reduction with NH3 at elevated temperatures. Catalysis Today, 2021, 359, 65-75.	4.4	24
5	Structural characteristics of V-based catalyst with Sb on selective catalytic NOx reduction with NH3. Applied Surface Science, 2021, 538, 148088.	6.1	14
6	A dual catalytic strategy by the nature of the functionalization effect as well as active species on vanadium-based catalyst for enhanced low temperature SCR. Applied Catalysis B: Environmental, 2021, 289, 120032.	20.2	50
7	Unveiling the traits of rare earth metal (RM)-substituted bimetallic Ce0.5RM0.5V1O4 phases to activate selective NH3 oxidation and NOX reduction. Applied Surface Science, 2020, 518, 146238.	6.1	21
8	Promotional effect of antimony on the selective catalytic reduction NO with NH₃ over V-Sb/Ti catalyst. Environmental Technology (United Kingdom), 2019, 40, 2577-2587.	2.2	10
9	Establishment of surface/bulk-like species functionalization by controlling the sulfation temperature of Sb/V/Ce/Ti for NH3-SCR. Applied Surface Science, 2019, 481, 1503-1514.	6.1	15
10	The role of molybdenum on the enhanced performance and SO2 resistance of V/Mo-Ti catalysts for NH3-SCR. Applied Surface Science, 2019, 481, 1167-1177.	6.1	69
11	SO32â^'/SO42â^' functionalization-tailorable catalytic surface features of Sb-promoted Cu3V2O8 on TiO2 for selective catalytic reduction of NOX with NH3. Applied Catalysis A: General, 2019, 570, 355-366.	4.3	23
12	Exploration of surface properties of Sb-promoted copper vanadate catalysts for selective catalytic reduction of NOX by NH3. Applied Catalysis B: Environmental, 2018, 236, 314-325.	20.2	60
13	Influence of Mn valence state and characteristic of TiO₂ on the performance of Mnâ€“Ti catalysts in ozone decomposition. Environmental Technology (United Kingdom), 2017, 38, 2785-2792.	2.2	13
14	DRIFT study on promotion effects of tungsten-modified Mn/Ce/Ti catalysts for the SCR reaction at low-temperature. Applied Catalysis A: General, 2017, 542, 55-62.	4.3	105
15	Effect of Vanadium Structure and Lattice Oxygen in V-Based TiO₂ Catalysts on Selective Catalytic Reduction of NO_{<i>x</i>} by NH₃. Journal of Chemical Engineering of Japan, 2016, 49, 526-533.	0.6	8
16	Enhancement of performance and sulfur resistance of ceria-doped V/Sb/Ti by sulfation for selective catalytic reduction of NO_x with ammonia. RSC Advances, 2016, 6, 1169-1181.	3.6	22
17	Enhancement of SCR activity and SO 2 resistance on VO x /TiO 2 catalyst by addition of molybdenum. Chemical Engineering Journal, 2016, 284, 315-324.	12.7	141
18	The Optimization of Milling Parameters on the Activity for V₂O₅/TiO₂ Catalysts by Mechanochemical Processing. Journal of Chemical Engineering of Japan, 2015, 48, 463-471.	0.6	1

#	Article	IF	Citations
19	Influence of attrition milling on V/Ti catalysts for the selective oxidation of ammonia. Applied Catalysis A: General, 2015, 505, 557-565.	4.3	25
20	Characteristics of the HCHO oxidation reaction over Pt/TiO2 catalysts at room temperature: The effect of relative humidity on catalytic activity. Applied Catalysis B: Environmental, 2015, 163, 436-443.	20.2	143
21	Influence of tungsten on the activity of a Mn/Ce/W/Ti catalyst for the selective catalytic reduction of NO with NH3 at low temperatures. Applied Catalysis A: General, 2015, 497, 160-166.	4.3	115
22	Influence of VO surface density and vanadyl species on the selective catalytic reduction of NO by NH3 over VO /TiO2 for superior catalytic activity. Applied Catalysis A: General, 2015, 499, 1-12.	4.3	37
23	Promotional effect of tungsten-doped CeO 2 /TiO 2 for selective catalytic reduction of NOx with ammonia. Applied Surface Science, 2015, 356, 181-190.	6.1	50
24	The role of ceria on the activity and SO2 resistance of catalysts for the selective catalytic reduction of NOx by NH3. Applied Catalysis B: Environmental, 2015, 166-167, 37-44.	20.2	184
25	The influence on SCR activity of the atomic structure of V2O5/TiO2 catalysts prepared by a mechanochemical method. Applied Catalysis A: General, 2013, 451, 227-235.	4.3	69
26	Reversibility of Mn Valence State in MnOx/TiO2 Catalysts for Low-temperature Selective Catalytic Reduction for NO with NH3. Catalysis Letters, 2013, 143, 246-253.	2.6	46