Adrian Marberger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2076112/publications.pdf

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11	847	840776	1281871
papers	citations	11	11
		h-index	g-index

11	11	11	854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of key transient Cu intermediates in SSZ-13 during NH₃-SCR deNO_x by modulation excitation IR spectroscopy. Chemical Science, 2020, 11, 447-455.	7.4	52
2	Selective Catalytic Reduction of NO with NH₃ on Cuâ"SSZâ€13: Deciphering the Low and Highâ€temperature Rateâ€limiting Steps by Transient XAS Experiments. ChemCatChem, 2020, 12, 1429-1435.	3.7	39
3	Modulated Excitation Raman Spectroscopy of V₂O₅/TiO₂: Mechanistic Insights into the Selective Catalytic Reduction of NO with NH₃. ACS Catalysis, 2019, 9, 6814-6820.	11.2	56
4	Thermal activation and aging of a V2O5/WO3-TiO2 catalyst for the selective catalytic reduction of NO with NH3. Applied Catalysis A: General, 2019, 573, 64-72.	4.3	25
5	Effect of SiO2 on co-impregnated V2O5/WO3/TiO2 catalysts for the selective catalytic reduction of NO with NH3. Catalysis Today, 2019, 320, 123-132.	4.4	21
6	Time-resolved copper speciation during selective catalytic reduction of NO on Cu-SSZ-13. Nature Catalysis, 2018, 1, 221-227.	34.4	186
7	Relationship between structures and activities of supported metal vanadates for the selective catalytic reduction of NO by NH3. Applied Catalysis B: Environmental, 2017, 218, 731-742.	20.2	72
8	The Significance of Lewis Acid Sites for the Selective Catalytic Reduction of Nitric Oxide on Vanadiumâ€Based Catalysts. Angewandte Chemie, 2016, 128, 12168-12173.	2.0	22
9	The Significance of Lewis Acid Sites for the Selective Catalytic Reduction of Nitric Oxide on Vanadiumâ€Based Catalysts. Angewandte Chemie - International Edition, 2016, 55, 11989-11994.	13.8	228
10	VOx Surface Coverage Optimization of V2O5/WO3-TiO2 SCR Catalysts by Variation of the V Loading and by Aging. Catalysts, 2015, 5, 1704-1720.	3.5	82
11	Generation of NH₃ Selective Catalytic Reduction Active Catalysts from Decomposition of Supported FeVO₄. ACS Catalysis, 2015, 5, 4180-4188.	11.2	64