

Ishant Khurana

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

1,499
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of ZCuOH, Z ₂ Cu, and Extraframework Cu _x O _y Species in Cu-SSZ-13 on N ₂ O Formation during the Selective Catalytic Reduction of NO _x with NH ₃ . ACS Catalysis, 2021, 11, 10362-10376.	11.2	18
2	Effects of dioxygen pressure on rates of NO _x selective catalytic reduction with NH ₃ on Cu-CHA zeolites. Journal of Catalysis, 2020, 389, 140-149.	6.2	44
3	Consequences of exchange-site heterogeneity and dynamics on the UV-visible spectrum of Cu-exchanged SSZ-13. Chemical Science, 2019, 10, 2373-2384.	7.4	80
4	Spectroscopic and kinetic responses of Cu-SSZ-13 to SO ₂ exposure and implications for NO _x selective catalytic reduction. Applied Catalysis A: General, 2019, 574, 122-131.	4.3	48
5	Structural and kinetic changes to small-pore Cu-zeolites after hydrothermal aging treatments and selective catalytic reduction of NO _x with ammonia. Reaction Chemistry and Engineering, 2017, 2, 168-179.	3.7	54
6	Dynamic multinuclear sites formed by mobilized copper ions in NO _x selective catalytic reduction. Science, 2017, 357, 898-903.	12.6	667
7	Catalysis in a Cage: Condition-Dependent Speciation and Dynamics of Exchanged Cu Cations in SSZ-13 Zeolites. Journal of the American Chemical Society, 2016, 138, 6028-6048.	13.7	588