

Ishant Khurana

List of Publications by Year in descending order

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