

Joris Goetze

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

921
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

1374
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Thermally Stable and Regenerable Platinum–Tin Clusters for Propane Dehydrogenation Prepared by Atom Trapping on Ceria. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8986-8991. | 13.8 | 262 |
| 2 | Structure–performance descriptors and the role of Lewis acidity in the methanol-to-propylene process. <i>Nature Chemistry</i> , 2018, 10, 804-812. | 13.6 | 221 |
| 3 | Insights into the Activity and Deactivation of the Methanol-to-Olefins Process over Different Small-Pore Zeolites As Studied with Operando UV–vis Spectroscopy. <i>ACS Catalysis</i> , 2017, 7, 4033-4046. | 11.2 | 122 |
| 4 | In Situ Luminescence Thermometry To Locally Measure Temperature Gradients during Catalytic Reactions. <i>ACS Catalysis</i> , 2018, 8, 2397-2401. | 11.2 | 91 |
| 5 | Revealing Lattice Expansion of Small-Pore Zeolite Catalysts during the Methanol-to-Olefins Process Using Combined Operando X-ray Diffraction and UV–vis Spectroscopy. <i>ACS Catalysis</i> , 2018, 8, 2060-2070. | 11.2 | 62 |
| 6 | Methanol-to-olefins process over zeolite catalysts with DDR topology: effect of composition and structural defects on catalytic performance. <i>Catalysis Science and Technology</i> , 2016, 6, 2663-2678. | 4.1 | 55 |
| 7 | Spatiotemporal coke formation over zeolite ZSM-5 during the methanol-to-olefins process as studied with <i>operando</i> UV-vis spectroscopy: a comparison between H-ZSM-5 and Mg-ZSM-5. <i>Catalysis Science and Technology</i> , 2018, 8, 1632-1644. | 4.1 | 55 |
| 8 | Thermally Stable and Regenerable Platinum–Tin Clusters for Propane Dehydrogenation Prepared by Atom Trapping on Ceria. <i>Angewandte Chemie</i> , 2017, 129, 9114-9119. | 2.0 | 49 |