# Weinan Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1680140/publications.pdf

Version: 2024-02-01

| 12 | 833 | 840776 11 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 625 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparative study of Î±-, Î²-, Î³- and Î´-MnO2 on toluene oxidation: Oxygen vacancies and reaction intermediates. Applied Catalysis B: Environmental, 2020, 260, 118150. | 20.2 | 400 |
| 2 | Controllable redox-induced in-situ growth of MnO2 over Mn2O3 for toluene oxidation: Active heterostructure interfaces. Applied Catalysis B: Environmental, 2020, 278, 119279. | 20.2 | 131 |
| 3 | Surface In Situ Doping Modification over Mn<sub>2</sub>O<sub>3</sub> for Toluene and Propene Catalytic Oxidation: The Effect of Isolated Cu<sup>Î´+</sup> Insertion into the Mezzanine of Surface MnO<sub>2</sub> Cladding. ACS Applied Materials & Interfaces, 2021, 13, 2753-2764. | 8.0 | 53 |
| 4 | Core-shell-like structured Î±-MnO2@CeO2 catalyst for selective catalytic reduction of NO: Promoted activity and SO2 tolerance. Chemical Engineering Journal, 2020, 391, 123473. | 12.7 | 50 |
| 5 | A multiple-active-site Cu/SSZ-13 for NH3-SCO: Influence of Si/Al ratio on the catalytic performance. Catalysis Communications, 2020, 135, 105751. | 3.3 | 40 |
| 6 | Highly selective Î±-Mn2O3 catalyst for cGPF soot oxidation: Surface activated oxygen enhancement via selective dissolution. Chemical Engineering Journal, 2019, 364, 448-451. | 12.7 | 35 |
| 7 | Boosting nitrous oxide direct decomposition performance based on samarium doping effects. Chemical Engineering Journal, 2021, 414, 128643. | 12.7 | 30 |
| 8 | Surface Reconstruction of a Mullite-Type Catalyst via Selective Dissolution for NO Oxidation. ACS Catalysis, 2021, 11, 14507-14520. | 11.2 | 27 |
| 9 | Water accelerates and directly participates soot oxidation: An isotopic study. Applied Catalysis B: Environmental, 2022, 302, 120837. | 20.2 | 21 |
| 10 | Selective Catalytic Reduction of NO<sub>x</sub> with NH<sub>3</sub> over Cu/SSZ-13: Elucidating Dynamics of Cu Active Sites with In Situ UVâ€“Vis Spectroscopy and DFT Calculations. Journal of Physical Chemistry C, 2022, 126, 8720-8733. | 3.1 | 20 |
| 11 | Comparison of NH3-SCO performance over CuOx/H-SSZ-13 and CuOx/H-SAPO-34 catalysts. Applied Catalysis A: General, 2019, 585, 117119. | 4.3 | 17 |
| 12 | Controllable synthesis of supported platinum catalysts: acidic support effect and soot oxidation catalysis. Catalysis Science and Technology, 2017, 7, 3268-3274. | 4.1 | 9 |