## Xin Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4987490/publications.pdf Version: 2024-02-01

|          |                | 516710       | 713466         |
|----------|----------------|--------------|----------------|
| 21       | 2,400          | 16           | 21             |
| papers   | citations      | h-index      | g-index        |
|          |                |              |                |
|          |                |              |                |
|          |                |              |                |
| 21       | 21             | 21           | 2290           |
| all docs | docs citations | times ranked | citing authors |
|          |                |              |                |

VIN 7HANC

| #  | Article   | IF                | CITATIONS           |
|----|---|-------------------|---------------------|
| 1  | Pollution characteristics and risk assessment of air multi-pollutants from typical e-waste dismantling activities. Environmental Pollution, 2022, 294, 118630.  | 7.5               | 8                   |
| 2  | Rational design of electrospun nanofibers for gas purification: Principles, opportunities, and challenges. Chemical Engineering Journal, 2022, 446, 137099.   | 12.7              | 27                  |
| 3  | Boosting carbonyl sulfide catalytic hydrolysis performance over N-doped Mg-Al oxide derived from<br>MgAl-layered double hydroxide. Journal of Hazardous Materials, 2021, 407, 124546.   | 12.4              | 33                  |
| 4  | Insight into the Adsorption Process of Ethanol and Water on the Pore Structure and Surface<br>Chemistry Properties Engineered Activated Carbon Fibers. Industrial & Engineering Chemistry<br>Research, 2021, 60, 11141-11150. | 3.7               | 4                   |
| 5  | Facile synthesis of Ni(OH) <sub>2</sub> nanoarrays on graphene@carbon fabric as dual-functional electrochemical materials for supercapacitors and capacitive desalination. RSC Advances, 2021, 12, 1177-1183.                 | 3.6               | 6                   |
| 6  | Selective oxidation of H2S over Fe supported on Zr-intercalated Laponite clay mesoporous composite catalysts at low temperature. Catalysis Today, 2020, 355, 366-374.   | 4.4               | 16                  |
| 7  | Synergistic effects of Cu species and acidity of Cu-ZSM-5 on catalytic performance for selective catalytic oxidation of n-butylamine. Journal of Environmental Sciences, 2020, 96, 55-63.                                     | 6.1               | 20                  |
| 8  | Selective catalytic oxidation of ammonia over LaMAl <sub>11</sub> O <sub>19â^Î</sub> (M = Fe, Cu, Co,) Tj ET<br>Technology, 2020, 10, 1477-1491.  | Qq0 0 0 rg<br>4.1 | gBT /Overlock<br>16 |
| 9  | Recent Advances in the Catalytic Oxidation of Volatile Organic Compounds: A Review Based on Pollutant Sorts and Sources. Chemical Reviews, 2019, 119, 4471-4568.  | 47.7              | 1,298               |
| 10 | Fluorine-enhanced Pt/ZSM-5 catalysts for low-temperature oxidation of ethylene. Catalysis Science and Technology, 2018, 8, 1988-1996.   | 4.1               | 32                  |
| 11 | Understanding the Active Sites of Ag/Zeolites and Deactivation Mechanism of Ethylene Catalytic Oxidation at Room Temperature. ACS Catalysis, 2018, 8, 1248-1258.  | 11.2              | 85                  |
| 12 | Insight into the H2S selective catalytic oxidation performance on well-mixed Ce-containing rare earth<br>catalysts derived from MgAlCe layered double hydroxides. Journal of Hazardous Materials, 2018, 342,<br>749-757.      | 12.4              | 49                  |
| 13 | H2S selective catalytic oxidation over Ce substituted La1â^'xCexFeO3 perovskite oxides catalyst.<br>Chemical Engineering Journal, 2018, 348, 831-839.   | 12.7              | 75                  |
| 14 | High performance Pd catalysts supported on bimodal mesopore silica for the catalytic oxidation of toluene. Chinese Journal of Catalysis, 2015, 36, 1686-1693.   | 14.0              | 23                  |
| 15 | H <sub>2</sub> S-Selective Catalytic Oxidation: Catalysts and Processes. ACS Catalysis, 2015, 5, 1053-1067.   | 11.2              | 257                 |
| 16 | Comprehensive study of H2S selective catalytic oxidation on combined oxides derived from<br>Mg/Al-V10O28 layered double hydroxides. Applied Catalysis B: Environmental, 2015, 176-177, 130-138.                               | 20.2              | 54                  |
| 17 | Catalytic behaviors of combined oxides derived from Mg/Al <sub>x</sub> Fe <sub>1â^'x</sub> –Cl layered double hydroxides for H <sub>2</sub> S selective oxidation. Catalysis Science and Technology, 2015, 5, 4991-4999.      | 4.1               | 36                  |
| 18 | Synthesis of graphene–NiFe2O4 nanocomposites and their electrochemical capacitive behavior.<br>Journal of Materials Chemistry A, 2013, 1, 6393.   | 10.3              | 160                 |

XIN ZHANG

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Selective catalytic oxidation of H2S over iron oxide supported on alumina-intercalated Laponite clay catalysts. Journal of Hazardous Materials, 2013, 260, 104-111. | 12.4 | 84        |
| 20 | Selective oxidation of H2S over V2O5 supported on CeO2-intercalated Laponite clay catalysts.<br>Catalysis Science and Technology, 2013, 3, 2778.                    | 4.1  | 44        |
| 21 | Preparation and capacitance properties of graphene/NiAl layered double-hydroxide nanocomposite.<br>Journal of Colloid and Interface Science, 2013, 396, 251-257.    | 9.4  | 73        |