

# Zhiyong Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

1,079  
citations

687363

13  
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1125743

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all docs

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docs citations

13  
times ranked

1180  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | CeO <sub>2</sub> Nanorods Decorated with Pt Nanoparticles as Catalysts for Oxidative Elimination of Formaldehyde. ACS Applied Nano Materials, 2022, 5, 10036-10046.                                  | 5.0  | 24        |
| 2  | Reducing carbon deposition and enhancing reaction stability by ceria for methane dry reforming over Ni@SiO <sub>2</sub> @CeO <sub>2</sub> catalyst. Fuel, 2021, 291, 120182.                         | 6.4  | 119       |
| 3  | Narrowing band gap energy of CeO <sub>2</sub> in (Ni/CeO <sub>2</sub> )@SiO <sub>2</sub> catalyst for photothermal methane dry reforming. Chemical Engineering Journal, 2021, 421, 129989.           | 12.7 | 103       |
| 4  | Performance enhancement of methane dry reforming reaction for syngas production over Ir/Ce <sub>0.9</sub> La <sub>0.1</sub> O <sub>2</sub> -nanorods catalysts. Catalysis Today, 2020, 355, 502-511. | 4.4  | 46        |
| 5  | Stearoyl-CoA Desaturase 1 Protects Ovarian Cancer Cells from Ferroptotic Cell Death. Cancer Research, 2019, 79, 5355-5366.   | 0.9  | 304       |
| 6  | Embedded Ni catalysts in Ni-O-Ce solid solution for stable hydrogen production from ethanol steam reforming reaction. Fuel Processing Technology, 2019, 193, 94-101.                                 | 7.2  | 54        |
| 7  | Effects of Ferroportin-Mediated Iron Depletion in Cells Representative of Different Histological Subtypes of Prostate Cancer. Antioxidants and Redox Signaling, 2019, 30, 1043-1061.                 | 5.4  | 36        |
| 8  | Study on different CeO <sub>2</sub> structure stability during ethanol steam reforming reaction over Ir/CeO <sub>2</sub> nanocatalysts. Applied Catalysis A: General, 2018, 564, 226-233.            | 4.3  | 44        |
| 9  | DCYTB is a predictor of outcome in breast cancer that functions via iron-independent mechanisms. Breast Cancer Research, 2017, 19, 25.   | 5.0  | 34        |
| 10 | Activated Oncogenic Pathway Modifies Iron Network in Breast Epithelial Cells: A Dynamic Modeling Perspective. PLoS Computational Biology, 2017, 13, e1005352.  | 3.2  | 22        |
| 11 | Iron-responsive element-binding protein 2 plays an essential role in regulating prostate cancer cell growth. Oncotarget, 2017, 8, 82231-82243.   | 1.8  | 43        |
| 12 | Hepcidin Regulation in Prostate and Its Disruption in Prostate Cancer. Cancer Research, 2015, 75, 2254-2263.   | 0.9  | 150       |
| 13 | IRP2 Regulates Breast Tumor Growth. Cancer Research, 2014, 74, 497-507.  | 0.9  | 100       |