

# Jiangjiexing Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7972035/publications.pdf>

Version: 2024-02-01

23  
papers

4,820  
citations

430874

18  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

4693  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Cerium oxide nanozyme attenuates periodontal bone destruction by inhibiting the ROS $\rightarrow$ NF $\kappa$ B pathway. <i>Nanoscale</i> , 2022, 14, 2628-2637.  | 5.6  | 46        |
| 2  | Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie</i> , 2021, 133, 1247-1254.  | 2.0  | 21        |
| 3  | Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1227-1234.                             | 13.8 | 111       |
| 4  | Hammett Relationship in Oxidase-Mimicking Metal-Organic Frameworks Revealed through a Protein-Engineering-Inspired Strategy. <i>Advanced Materials</i> , 2021, 33, e2005024.  | 21.0 | 85        |
| 5  | Synthesis-temperature-regulated multi-enzyme-mimicking activities of ceria nanozymes. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7238-7245.   | 5.8  | 29        |
| 6  | InnenrÄ¼cktitelbild: Ligand-Dependent Activity Engineering of Glutathione Peroxidase-Mimicking MIL-47(V) Metal-Organic Framework Nanozyme for Therapy ( <i>Angew. Chem.</i> 3/2021). <i>Angewandte Chemie</i> , 2021, 133, 1683-1683. | 2.0  | 0         |
| 7  | Accelerated discovery of superoxide-dismutase nanozymes via high-throughput computational screening. <i>Nature Communications</i> , 2021, 12, 6866.   | 12.8 | 62        |
| 8  | Nanozyme Sensor Arrays Based on Heteroatom-Doped Graphene for Detecting Pesticides. <i>Analytical Chemistry</i> , 2020, 92, 7444-7452.  | 6.5  | 165       |
| 9  | Nanomaterials with enzyme-like characteristics (nanozymes): next-generation artificial enzymes (II). <i>Chemical Society Reviews</i> , 2019, 48, 1004-1076.   | 38.1 | 2,528     |
| 10 | ROS scavenging Mn <sub>3</sub> O <sub>4</sub> nanozymes for <i>in vivo</i> anti-inflammation. <i>Chemical Science</i> , 2018, 9, 2927-2933.   | 7.4  | 447       |
| 11 | Integrated nanozymes: facile preparation and biomedical applications. <i>Chemical Communications</i> , 2018, 54, 6520-6530.   | 4.1  | 130       |
| 12 | Rational Design of Au@Pt Multibranching Nanostructures as Bifunctional Nanozymes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12954-12959.  | 8.0  | 114       |
| 13 | Multifunctional nanozymes: enzyme-like catalytic activity combined with magnetism and surface plasmon resonance. <i>Nanoscale Horizons</i> , 2018, 3, 367-382.  | 8.0  | 92        |
| 14 | Nanozymes for Biomedical Sensing Applications. , 2018, , 171-209.   |      | 3         |
| 15 | Surface-Enhanced Raman Scattering Active Gold Nanoparticles with Enzyme-Mimicking Activities for Measuring Glucose and Lactate in Living Tissues. <i>ACS Nano</i> , 2017, 11, 5558-5566.  | 14.6 | 514       |
| 16 | Monitoring of Heparin Activity in Live Rats Using Metal-Organic Framework Nanosheets as Peroxidase Mimics. <i>Analytical Chemistry</i> , 2017, 89, 11552-11559.   | 6.5  | 215       |
| 17 | Nanozymes: Next Wave of Artificial Enzymes. <i>Springer Briefs in Molecular Science</i> , 2016, , .   | 0.1  | 62        |
| 18 | DNA Sequence-Dependent Morphological Evolution of Silver Nanoparticles and Their Optical and Hybridization Properties. <i>Journal of the American Chemical Society</i> , 2014, 136, 15195-15202.                                      | 13.7 | 89        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Enhanced and tunable fluorescent quantum dots within a single crystal of protein. Nano Research, 2013, 6, 627-634.   | 10.4 | 24        |
| 20 | Growth Mechanisms of Fluorescent Silver Clusters Regulated by Polymorphic DNA Templates: A DFT Study. Journal of Physical Chemistry B, 2012, 116, 1655-1665.   | 2.6  | 51        |
| 21 | Nucleation and Growth of Na <sup>+</sup> <sub>2</sub> CO <sup>3</sup> Clusters in Supercritical Water Using Molecular Dynamics Simulation. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2012, 28, 1691-1700. | 4.9  | 12        |
| 22 | Effects of surfactant/water ratio and dye amount on the fluorescent silica nanoparticles. Colloid Journal, 2010, 72, 723-729.  | 1.3  | 7         |
| 23 | Effects of CTAB on porous silica templated by chitosan. Journal of Materials Science, 2010, 45, 4470-4479.   | 3.7  | 12        |