

# Wu Haoan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6982371/publications.pdf>

Version: 2024-02-01

20  
papers

5,883  
citations

516710

16  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

6997  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Intrinsic peroxidase-like activity of ferromagnetic nanoparticles. <i>Nature Nanotechnology</i> , 2007, 2, 577-583.  | 31.5 | 5,080     |
| 2  | High-performance PEGylated Mn <sup>2+</sup> /Zn ferrite nanocrystals as a passive-targeted agent for magnetically induced cancer theranostics. <i>Biomaterials</i> , 2014, 35, 9126-9136.  | 11.4 | 110       |
| 3  | Multi-modal Mn <sup>2+</sup> /Zn ferrite nanocrystals for magnetically-induced cancer targeted hyperthermia: a comparison of passive and active targeting effects. <i>Nanoscale</i> , 2016, 8, 16902-16915.                                | 5.6  | 76        |
| 4  | Magnetic targeting combined with active targeting of dual-ligand iron oxide nanoprobe to promote the penetration depth in tumors for effective magnetic resonance imaging and hyperthermia. <i>Acta Biomaterialia</i> , 2019, 96, 491-504. | 8.3  | 74        |
| 5  | Size-dependent peroxidase-like catalytic activity of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Chinese Chemical Letters</i> , 2008, 19, 730-733.  | 9.0  | 62        |
| 6  | Active-target T <sub>1</sub> -weighted MR Imaging of Tiny Hepatic Tumor via RGD Modified Ultra-small Fe <sub>3</sub> O <sub>4</sub> Nanoprobe. <i>Theranostics</i> , 2016, 6, 1780-1791.   | 10.0 | 59        |
| 7  | Influence of morphology and surface exchange reaction on magnetic properties of monodisperse magnetite nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 408, 114-121.                        | 4.7  | 58        |
| 8  | Shape Evolution of Multibranch Mn <sup>2+</sup> /Zn Ferrite Nanostructures with High Performance: A Transformation of Nanocrystals into Nanoclusters. <i>Chemistry of Materials</i> , 2013, 25, 3702-3709.                                 | 6.7  | 58        |
| 9  | Using PEGylated magnetic nanoparticles to describe the EPR effect in tumor for predicting therapeutic efficacy of micelle drugs. <i>Nanoscale</i> , 2018, 10, 1788-1797.   | 5.6  | 53        |
| 10 | Injectable thermosensitive magnetic nanoemulsion hydrogel for multimodal-imaging-guided accurate thermoablative cancer therapy. <i>Nanoscale</i> , 2017, 9, 16175-16182.   | 5.6  | 49        |
| 11 | A Novel AuNP-Based Glucose Oxidase Mimic with Enhanced Activity and Selectivity Constructed by Molecular Imprinting and O <sub>2</sub> -Containing Nanoemulsion Embedding. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801070.        | 3.7  | 39        |
| 12 | Improving sensitivity of magnetic resonance imaging by using a dual-targeted magnetic iron oxide nanoprobe. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 339-346.  | 5.0  | 28        |
| 13 | Advances in nanoparticle-based lateral flow immunoassay for point-of-care testing. <i>View</i> , 2022, 3, .  | 5.3  | 22        |
| 14 | Catalytic gold-platinum alloy nanoparticles and a novel glucose oxidase mimic with enhanced activity and selectivity constructed by molecular imprinting. <i>Analytical Methods</i> , 2019, 11, 4586-4592.                                 | 2.7  | 21        |
| 15 | Enzyme catalysis enhanced dark-field imaging as a novel immunohistochemical method. <i>Nanoscale</i> , 2016, 8, 8553-8558.   | 5.6  | 19        |
| 16 | Effective PEGylation of Fe <sub>3</sub> O <sub>4</sub> Nanomicelles for In Vivo MR Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4111-4118.  | 0.9  | 18        |
| 17 | A signal amplifying fluorescent nanoprobe and lateral flow assay for ultrasensitive detection of cardiac biomarker troponin I. <i>Analytical Methods</i> , 2019, 11, 3506-3513.  | 2.7  | 16        |
| 18 | Precise Study on Size-Dependent Properties of Magnetic Iron Oxide Nanoparticles for In Vivo Magnetic Resonance Imaging. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-9.   | 2.7  | 15        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Rituximab@Au nanoprobe for simultaneous dark-field imaging and DAB staining of CD20 over-expressed on Raji cells. <i>Analyst</i> , 2014, 139, 5660-5663.  | 3.5 | 14        |
| 20 | Influence of Reaction Solvent on Crystallinity and Magnetic Properties of MnFe <sub>2</sub> O <sub>4</sub> Nanoparticles Synthesized by Thermal Decomposition. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-8. | 2.7 | 12        |