Wu Haoan

List of Publications by Year
in descending order

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	Advances in nanoparticleâ€based lateral flow immunoassay for pointâ€ofâ€care testing. View, 2022, 3, .	5.3	22
2	Catalytic goldâ€“platinum alloy nanoparticles and a novel glucose oxidase mimic with enhanced activity and selectivity constructed by molecular imprinting. Analytical Methods, 2019, 11, 4586-4592.	2.7	21
3	Magnetic targeting combined with active targeting of dual-ligand iron oxide nanoprobes to promote the penetration depth in tumors for effective magnetic resonance imaging and hyperthermia. Acta Biomaterialia, 2019, 96, 491-504.	8.3	74
4	A signal amplifying fluorescent nanoprobe and lateral flow assay for ultrasensitive detection of cardiac biomarker troponin I. Analytical Methods, 2019, 11, 3506-3513.	2.7	16
5	Using PEGylated magnetic nanoparticles to describe the EPR effect in tumor for predicting therapeutic efficacy of micelle drugs. Nanoscale, 2018, 10, 1788-1797.	5.6	53
6	Improving sensitivity of magnetic resonance imaging by using a dual-targeted magnetic iron oxide nanoprobe. Colloids and Surfaces B: Biointerfaces, 2018, 161, 339-346.	5.0	28
7	A Novel AuNPâ€Based Glucose Oxidase Mimic with Enhanced Activity and Selectivity Constructed by Molecular Imprinting and O₂â€Containing Nanoemulsion Embedding. Advanced Materials Interfaces, 2018, 5, 1801070.	3.7	39
8	Precise Study on Size-Dependent Properties of Magnetic Iron Oxide Nanoparticles for In Vivo Magnetic Resonance Imaging. Journal of Nanomaterials, 2018, 2018, 1-9.	2.7	15
9	Injectable thermosensitive magnetic nanoemulsion hydrogel for multimodal-imaging-guided accurate thermoablative cancer therapy. Nanoscale, 2017, 9, 16175-16182.	5.6	49
10	Influence of Reaction Solvent on Crystallinity and Magnetic Properties of MnFe₂O₄Nanoparticles Synthesized by Thermal Decomposition. Journal of Nanomaterials, 2016, 2016, 1-8.	2.7	12
11	Active-target T₁-weighted MR Imaging of Tiny Hepatic Tumor via RGD Modified Ultra-small Fe₃O₄ Nanoprobes. Theranostics, 2016, 6, 1780-1791.	10.0	59
12	Multi-modal Mnâ€“Zn ferrite nanocrystals for magnetically-induced cancer targeted hyperthermia: a comparison of passive and active targeting effects. Nanoscale, 2016, 8, 16902-16915.	5.6	76
13	Enzyme catalysis enhanced dark-field imaging as a novel immunohistochemical method. Nanoscale, 2016, 8, 8553-8558.	5.6	19
14	Effective PEGylation of Fe₃O₄ Nanomicelles for <I>In Vivo</I> MR Imaging. Journal of Nanoscience and Nanotechnology, 2015, 15, 4111-4118.	0.9	18
15	Rituximabâ€“Au nanoprobes for simultaneous dark-field imaging and DAB staining of CD20 over-expressed on Raji cells. Analyst, The, 2014, 139, 5660-5663.	3.5	14
16	High-performance PEGylated Mnâ€“Zn ferrite nanocrystals as a passive-targeted agent for magnetically induced cancer theranostics. Biomaterials, 2014, 35, 9126-9136.	11.4	110
17	Shape Evolution of â€œMultibranchedâ€•Mnâ€“Zn Ferrite Nanostructures with High Performance: A Transformation of Nanocrystals into Nanoclusters. Chemistry of Materials, 2013, 25, 3702-3709.	6.7	58
18	Influence of morphology and surface exchange reaction on magnetic properties of monodisperse magnetite nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 408, 114-121.	4.7	58

#	Article	IF	Citations
19	Size-dependent peroxidase-like catalytic activity of Fe3O4 nanoparticles. Chinese Chemical Letters, 2008, 19, 730-733.	9.0	62
20	Intrinsic peroxidase-like activity of ferromagnetic nanoparticles. Nature Nanotechnology, 2007, 2, 577-583.	31.5	5,080