

Haibo Xu

List of Publications by Year in descending order

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39
papers

2,687
citations

304743

22
h-index

289244

40
g-index

40
all docs

40
docs citations

40
times ranked

6379
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary Pathology of Early-Phase 2019 Novel Coronavirus (COVID-19) Pneumonia in Two Patients With Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2020, 15, 700-704.	1.1	1,110
2	AI-assisted CT imaging analysis for COVID-19 screening: Building and deploying a medical AI system. <i>Applied Soft Computing Journal</i> , 2021, 98, 106897.	7.2	271
3	Lactoferrin-conjugated superparamagnetic iron oxide nanoparticles as a specific MRI contrast agent for detection of brain glioma in vivo. <i>Biomaterials</i> , 2011, 32, 495-502.	11.4	154
4	Magnetite-loaded fluorine-containing polymeric micelles for magnetic resonance imaging and drug delivery. <i>Biomaterials</i> , 2012, 33, 3013-3024.	11.4	136
5	Magnetic, fluorescent, and thermo-responsive Fe ₃ O ₄ /rare earth incorporated poly(St-NIPAM) core-shell colloidal nanoparticles in multimodal optical/magnetic resonance imaging probes. <i>Biomaterials</i> , 2013, 34, 2296-2306.	11.4	85
6	Folate-bovine serum albumin functionalized polymeric micelles loaded with superparamagnetic iron oxide nanoparticles for tumor targeting and magnetic resonance imaging. <i>Acta Biomaterialia</i> , 2015, 15, 117-126.	8.3	77
7	Conjugation of Functionalized SPIONs with Transferrin for Targeting and Imaging Brain Glial Tumors in Rat Model. <i>PLoS ONE</i> , 2012, 7, e37376.	2.5	68
8	Self-assembled magnetic fluorescent polymeric micelles for magnetic resonance and optical imaging. <i>Biomaterials</i> , 2014, 35, 344-355.	11.4	67
9	Efficient and Effective Training of COVID-19 Classification Networks With Self-Supervised Dual-Track Learning to Rank. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2787-2797.	6.3	56
10	Pharmacologic Neuroimaging of the Ontogeny of Dopamine Receptor Function. <i>Developmental Neuroscience</i> , 2010, 32, 125-138.	2.0	55
11	Relationship Between Serum Severe Acute Respiratory Syndrome Coronavirus 2 Nucleic Acid and Organ Damage in Coronavirus 2019 Patients: A Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 68-75.	5.8	49
12	Dopaminergic response to graded dopamine concentration elicited by four amphetamine doses. <i>Synapse</i> , 2009, 63, 764-772.	1.2	46
13	pH-responsive pHILIP (pH low insertion peptide) nanoclusters of superparamagnetic iron oxide nanoparticles as a tumor-selective MRI contrast agent. <i>Acta Biomaterialia</i> , 2017, 55, 194-203.	8.3	43
14	Fluorescent Magnetic Fe ₃ O ₄ /Rare Earth Colloidal Nanoparticles for Dual-Modality Imaging. <i>Small</i> , 2013, 9, 2991-3000.	10.0	42
15	Disrupted functional brain connectome in unilateral sudden sensorineural hearing loss. <i>Hearing Research</i> , 2016, 335, 138-148.	2.0	42
16	Bio-inspired synthesis of PEGylated polypyrrole@polydopamine nanocomposites as theranostic agents for T ₁ -weighted MR imaging guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1108-1116.	5.8	34
17	Characterization of long noncoding RNA and messenger RNA signatures in melanoma tumorigenesis and metastasis. <i>PLoS ONE</i> , 2017, 12, e0172498.	2.5	31
18	Altered Contralateral Auditory Cortical Morphology in Unilateral Sudden Sensorineural Hearing Loss. <i>Otology and Neurotology</i> , 2015, 36, 1622-1627.	1.3	28

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19	Conjugation Magnetic PAEEP-PLLA Nanoparticles with Lactoferrin as a Specific Targeting MRI Contrast Agent for Detection of Brain Glioma in Rats. <i>Nanoscale Research Letters</i> , 2016, 11, 227.	5.7	28
20	Clinical outcomes of 402 patients with COVID-19 from a single center in Wuhan, China. <i>Journal of Medical Virology</i> , 2020, 92, 2751-2757.	5.0	27
21	Reduction-active Fe ₃ O ₄ -loaded micelles with aggregation-enhanced MRI contrast for differential diagnosis of Neuroglioma. <i>Biomaterials</i> , 2021, 268, 120531.	11.4	26
22	Ultrasound-Triggered Phase Transition Sensitive Magnetic Fluorescent Nanodroplets as a Multimodal Imaging Contrast Agent in Rat and Mouse Model. <i>PLoS ONE</i> , 2013, 8, e85003.	2.5	24
23	Inhibition of stimulated dopamine release and hemodynamic response in the brain through electrical stimulation of rat forepaw. <i>Neuroscience Letters</i> , 2008, 431, 231-235.	2.1	21
24	Trifunctional Polymeric Nanocomposites Incorporated with Fe ₃ O ₄ /Iodine-Containing Rare Earth Complex for Computed X-ray Tomography, Magnetic Resonance, and Optical Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24523-24532.	8.0	19
25	Electro-Fenton Degradation of Methylene Blue Using Polyacrylonitrile-Based Carbon Fiber Brush Cathode. <i>Clean - Soil, Air, Water</i> , 2015, 43, 229-236.	1.1	19
26	Facile preparation of multifunctional uniform magnetic microspheres for T1-T2 dual modal magnetic resonance and optical imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 344-354.	5.0	19
27	Biocompatible Low-Retention Superparamagnetic Iron Oxide Nanoclusters as Contrast Agents for Magnetic Resonance Imaging of Liver Tumor. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 854-864.	1.1	18
28	Self-assembled magnetic luminescent hybrid micelles containing rare earth Eu for dual-modality MR and optical imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 546-555.	5.8	17
29	Smart polymeric particle encapsulated gadolinium oxide and europium: theranostic probes for magnetic resonance/optical imaging and antitumor drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1100-1107.	5.8	16
30	Magnetic, fluorescent, and thermo-responsive poly(MMA-NIPAM-Tb(AA) ₃ Phen)/Fe ₃ O ₄ multifunctional nanospheres prepared by emulsifier-free emulsion polymerization. <i>Journal of Biomaterials Applications</i> , 2015, 30, 201-211.	2.4	12
31	Asymmetry in cross-hippocampal connectivity in unilateral mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 118, 14-21.	1.6	11
32	PEGylation of MnO nanoparticles via catechol-Mn chelation to improving T ₁ -weighted magnetic resonance imaging application. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7
33	Paramagnetic, pH and temperature-sensitive polymeric particles for anticancer drug delivery and brain tumor magnetic resonance imaging. <i>RSC Advances</i> , 2015, 5, 87512-87520.	3.6	7
34	Electrical stimulation modulates the amphetamine-induced hemodynamic changes: An fMRI study to compare the effect of stimulating locations and frequencies on rats. <i>Neuroscience Letters</i> , 2008, 444, 117-121.	2.1	6
35	MR features of regenerative nodules and dysplastic nodules in the cirrhotic liver. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2005, 25, 601-603.	1.0	5
36	Multi-center sparse learning and decision fusion for automatic COVID-19 diagnosis. <i>Applied Soft Computing Journal</i> , 2022, 115, 108088.	7.2	5

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37	Evaluation of non-targeting, C- or N-pH (low) insertion peptide modified superparamagnetic iron oxide nanoclusters for selective MRI of liver tumors and their potential toxicity in cirrhosis. RSC Advances, 2019, 9, 14051-14059.	3.6	2
38	Mix-and-Interpolate: A Training Strategy to Deal With Source-Biased Medical Data. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 172-182.	6.3	2
39	Evaluation of MRI in Diagnosing Hilar Cholangiocarcinoma. Chinese-German Journal of Clinical Oncology, 2005, 4, 199-202.	0.1	1