

# Jun Zhang

## List of Publications by Year in descending order

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papers

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623574

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#	ARTICLE	IF	CITATIONS
1	An electric-field-responsive paramagnetic contrast agent enhances the visualization of epileptic foci in mouse models of drug-resistant epilepsy. <i>Nature Biomedical Engineering</i> , 2021, 5, 278-289.	11.6	35
2	Smoothed is a therapeutic target for reducing glutamate toxicity in ischemic stroke. <i>Science Translational Medicine</i> , 2021, 13, eaba3444.	5.8	15
3	Construction of Pepstatin A-Conjugated ultrasmall SPIONs for targeted positive MR imaging of epilepsy-overexpressed P-glycoprotein. <i>Biomaterials</i> , 2020, 230, 119581.	5.7	22
4	Engineered superparamagnetic iron oxide nanoparticles (SPIONs) for dual-modality imaging of intracranial glioblastoma via EGFRvIII targeting. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1860-1872.	1.5	12
5	Optimised MRI intensity standardisation based on multi-dimensional sub-regional point cloud registration. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019, 7, 594-603.	1.3	4
6	Nanocatalysts-augmented Fenton chemical reaction for nanocatalytic tumor therapy. <i>Biomaterials</i> , 2019, 211, 1-13.	5.7	243
7	Use of oral anticoagulant drugs is associated with carotid intraplaque hemorrhage in atherosclerosis patients: a meta-analysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 48, 68-76.	1.0	5
8	Noise-optimised virtual monoenergetic imaging of dual-energy CT: effect on metal artefact reduction in patients with lumbar internal fixation. <i>European Spine Journal</i> , 2019, 28, 1783-1792.	1.0	7
9	Sequential catalytic nanomedicine augments synergistic chemodrug and chemodynamic cancer therapy. <i>Nanoscale Horizons</i> , 2019, 4, 890-901.	4.1	42
10	Progression in Vascular Cognitive Impairment: Pathogenesis, Neuroimaging Evaluation, and Treatment. <i>Cell Transplantation</i> , 2019, 28, 18-25.	1.2	14
11	N-D Point Cloud Registration for Intensity Normalization on Magnetic Resonance Images. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 121-130.	0.5	1
12	Edaravone-Encapsulated Agonistic Micelles Rescue Ischemic Brain Tissue by Tuning Blood-Brain Barrier Permeability. <i>Theranostics</i> , 2017, 7, 884-898.	4.6	71
13	Computed tomography perfusion and computed tomography angiography for prediction of clinical outcomes in ischemic stroke patients after thrombolysis. <i>Neural Regeneration Research</i> , 2017, 12, 103.	1.6	3
14	Detecting isocitrate dehydrogenase gene mutations in oligodendroglial tumors using diffusion tensor imaging metrics and their correlations with proliferation and microvascular density. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 45-54.	1.9	28
15	A multimodal Pepstatin A peptide-based nanoagent for the molecular imaging of P-glycoprotein in the brains of epilepsy rats. <i>Biomaterials</i> , 2016, 76, 173-186.	5.7	22
16	Functionalized nanocarrier combined seizure-specific vector with P-glycoprotein modulation property for antiepileptic drug delivery. <i>Biomaterials</i> , 2016, 74, 64-76.	5.7	40
17	Combination of diffusion tensor imaging and conventional MRI correlates with isocitrate dehydrogenase 1/2 mutations but not 1p/19q genotyping in oligodendroglial tumours. <i>European Radiology</i> , 2016, 26, 1705-1715.	2.3	54
18	<sup>18</sup> F-fluorodeoxyglucose (FDG) PET/CT after two cycles of neoadjuvant therapy may predict response in HER2-negative, but not in HER2-positive breast cancer. <i>Oncotarget</i> , 2015, 6, 29388-29395.	0.8	24

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19	Therapeutic Benefit of Bone Marrow-Derived Endothelial Progenitor Cell Transplantation after Experimental Aneurysm Embolization with Coil in Rats. PLoS ONE, 2014, 9, e90069.	1.1	13
20	Intracranial Arterial Fenestrations Associated with Arteriovenous Malformations Diagnosed by CT Angiography. Journal of Neuroimaging, 2014, 24, 366-370.	1.0	2
21	Low-grade and anaplastic oligodendrogliomas: Differences in tumour microvascular permeability evaluated with dynamic contrast-enhanced magnetic resonance imaging. Journal of Clinical Neuroscience, 2013, 20, 1110-1113.	0.8	21
22	Value of Perfusion Computed Tomography in Acute Ischemic Stroke. Journal of Computer Assisted Tomography, 2013, 37, 645-649.	0.5	10
23	Cognitive Impairments in Hashimoto's Encephalopathy: A Case-Control Study. PLoS ONE, 2013, 8, e55758.	1.1	20
24	Whole-Brain CT Perfusion and CT Angiography Assessment of Moyamoya Disease before and after Surgical Revascularization: Preliminary Study with 256-Slice CT. PLoS ONE, 2013, 8, e57595.	1.1	44
25	Cognitive Impairment in Mild General Paresis of the Insane: AD-Like Pattern. Dementia and Geriatric Cognitive Disorders, 2011, 31, 284-290.	0.7	22