

Xiao Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

766
citations

12
h-index

27
g-index

48
ext. papers

1,281
ext. citations

5.5
avg, IF

4.37
L-index

#	Paper	IF	Citations
40	Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9078-9083 ¹¹⁵ ¹⁶⁸		
39	Reproducibility of R-fMRI metrics on the impact of different strategies for multiple comparison correction and sample sizes. <i>Human Brain Mapping</i> , 2018 , 39, 300-318	5.9	153
38	Rumination and the default mode network: Meta-analysis of brain imaging studies and implications for depression. <i>NeuroImage</i> , 2020 , 206, 116287	7.9	101
37	Application of iron oxide nanoparticles in glioma imaging and therapy: from bench to bedside. <i>Nanoscale</i> , 2016 , 8, 7808-26	7.7	82
36	Textural features of dynamic contrast-enhanced MRI derived model-free and model-based parameter maps in glioma grading. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 1099-1111	5.6	34
35	Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. <i>NeuroImage: Clinical</i> , 2020 , 26, 102163	5.3	30
34	Aberrant glioblastoma neovascularization patterns and their correlation with DCE-MRI-derived parameters following temozolomide and bevacizumab treatment. <i>Scientific Reports</i> , 2017 , 7, 13894	4.9	22
33	A new mosaic pattern in glioma vascularization: exogenous endothelial progenitor cells integrating into the vessels containing tumor-derived endothelial cells. <i>Oncotarget</i> , 2014 , 5, 1955-68	3.3	22
32	Effects of magnetically labeled exogenous endothelial progenitor cells on cerebral blood perfusion and microvasculature alterations after traumatic brain injury in rat model. <i>Acta Radiologica</i> , 2013 , 54, 313-23	2	17
31	The subsystem mechanism of default mode network underlying rumination: A reproducible neuroimaging study. <i>NeuroImage</i> , 2020 , 221, 117185	7.9	16
30	Dual inhibition of PFKFB3 and VEGF normalizes tumor vasculature, reduces lactate production, and improves chemotherapy in glioblastoma: insights from protein expression profiling and MRI. <i>Theranostics</i> , 2020 , 10, 7245-7259	12.1	14
29	Internal switching and backward inhibition in depression and rumination. <i>Psychiatry Research</i> , 2016 , 243, 342-8	9.9	12
28	Recombinant epidermal growth factor-like domain-1 from coagulation factor VII functionalized iron oxide nanoparticles for targeted glioma magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5099-5108	7.3	12
27	Efficacy of an ocular bandage contact lens for the treatment of dry eye after phacoemulsification. <i>BMC Ophthalmology</i> , 2019 , 19, 13	2.3	11
26	Hypnosis intervention for the management of pain perception during cataract surgery. <i>Journal of Pain Research</i> , 2018 , 11, 1921-1926	2.9	8
25	Non-invasive monitoring of the kinetic infiltration and therapeutic efficacy of nanoparticle-labeled chimeric antigen receptor T cells in glioblastoma via 7.0-Tesla magnetic resonance imaging. <i>Cytotherapy</i> , 2021 , 23, 211-222	4.8	6
24	Effects of BMPER, CXCL10, and HOXA9 on Neovascularization During Early-Growth Stage of Primary High-Grade Glioma and Their Corresponding MRI Biomarkers. <i>Frontiers in Oncology</i> , 2020 , 10, 711	5.3	5

23	Quantitative in vivo imaging of tissue factor expression in glioma using dynamic contrast-enhanced MRI derived parameters. <i>European Journal of Radiology</i> , 2017 , 93, 236-242	4.7	5
22	Prediction of Multiple Organ Failure Complicated by Moderately Severe or Severe Acute Pancreatitis Based on Machine Learning: A Multicenter Cohort Study. <i>Mediators of Inflammation</i> , 2021 , 2021, 5525118	4.3	5
21	Brain Homotopic Connectivity in Mild Cognitive Impairment APOE- ϵ 4 Carriers. <i>Neuroscience</i> , 2020 , 436, 74-81	3.9	5
20	Disrupted intrinsic functional brain topology in patients with major depressive disorder. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
19	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)?. <i>NeuroImage: Clinical</i> , 2019 , 22, 101741	5.3	4
18	Disrupted hemispheric connectivity specialization in patients with major depressive disorder: Evidence from the REST-meta-MDD Project. <i>Journal of Affective Disorders</i> , 2021 , 284, 217-228	6.6	4
17	Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective. <i>GigaScience</i> , 2021 , 10,	7.6	4
16	Brain structural alterations in MDD patients with gastrointestinal symptoms: Evidence from the REST-meta-MDD project. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 111, 110386	5.5	4
15	Psychopathological Correlates and Emotion Regulation as Mediators of Approach and Avoidance Motivation in a Chinese Military Sample. <i>Frontiers in Psychiatry</i> , 2019 , 10, 149	5	3
14	Total Salvianolic Acid Balances Brain Functional Network Topology in Rat Hippocampi Overexpressing miR-30e. <i>Frontiers in Neuroscience</i> , 2018 , 12, 448	5.1	3
13	Patient-derived orthotopic xenograft glioma models fail to replicate the magnetic resonance imaging features of the original patient tumor. <i>Oncology Reports</i> , 2020 , 43, 1619-1629	3.5	3
12	Dynamic MR imaging for functional vascularization depends on tissue factor signaling in glioblastoma. <i>Cancer Biology and Therapy</i> , 2018 , 19, 416-426	4.6	2
11	Hypostability in the default mode network and hyperstability in the frontoparietal control network of dynamic functional architecture during rumination. <i>NeuroImage</i> , 2021 , 241, 118427	7.9	2
10	Meditation effect in changing functional integrations across large-scale brain networks: Preliminary evidence from a meta-analysis of seed-based functional connectivity. <i>Journal of Pacific Rim Psychology</i> , 2020 , 14, e10	1.2	1
9	White Matter Atrophy in Type 2 Diabetes Mellitus Patients With Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2020 , 14, 602501	5.1	1
8	Frequency-specific age-related changes in the amplitude of spontaneous fluctuations in autism.. <i>Translational Pediatrics</i> , 2022 , 11, 349-358	4.2	0
7	Exploring self-generated thoughts in a resting state with natural language processing. <i>Behavior Research Methods</i> , 2021 , 1	6.1	0
6	F-FDG PET Combined With MR Spectroscopy Elucidates the Progressive Metabolic Cerebral Alterations After Blast-Induced Mild Traumatic Brain Injury in Rats. <i>Frontiers in Neuroscience</i> , 2021 , 15, 593723	5.1	0

5	Prediction of Disease Progression of COVID-19 Based upon Machine Learning. <i>International Journal of General Medicine</i> , 2021 , 14, 1589-1598	2.3	o
4	CT Texture Analysis for Differentiating Bronchiolar Adenoma, Adenocarcinoma , and Minimally Invasive Adenocarcinoma of the Lung. <i>Frontiers in Oncology</i> , 2021 , 11, 634564	5.3	o
3	A Machine Learning Model Based on PET/CT Radiomics and Clinical Characteristics Predicts Tumor Immune Profiles in Non-Small Cell Lung Cancer: A Retrospective Multicohort Study.. <i>Frontiers in Immunology</i> , 2022 , 13, 859323	8.4	o
2	The contributions of brain structural and functional variance in predicting age, sex and treatment. <i>NeuroImage Reports</i> , 2021 , 1, 100024		
1	Absence of the celiac trunk: Definition, classification, multidetector computed tomography angiographic findings, and their probable embryological mechanisms. <i>Vascular</i> ,170853812211063	1.3	