

# Yingchao Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

846  
citations

623734

14  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodality MRI-based radiomics approach to predict the posttreatment response of lung cancer brain metastases to gamma knife radiosurgery. <i>European Radiology</i> , 2022, 32, 2266-2276.	4.5	20
2	Consideration of transmembrane water exchange in pharmacokinetic model significantly improves the accuracy of DCE-MRI in estimating cellular density: A pilot study in glioblastoma multiforme. <i>Magnetic Resonance Letters</i> , 2022, 2, 243-254.	1.3	0
3	A water-soluble fluorescent probe for real-time visualization of $\hat{f}^3$ -glutamyl transpeptidase activity in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 68, 128762.	2.2	6
4	Convolutional neural network for accelerating the computation of the extended Tofts model in dynamic contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1898-1910.	3.4	17
5	Deep learning-based detection and segmentation-assisted management of brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 505-514.	1.2	69
6	N-acetylglucosaminyltransferase I promotes glioma cell proliferation and migration through increasing the stability of the glucose transporter GLUT1. <i>FEBS Letters</i> , 2020, 594, 358-366.	2.8	12
7	Bazedoxifene enhances paclitaxel efficacy to suppress glioblastoma via altering Hippo/YAP pathway. <i>Journal of Cancer</i> , 2020, 11, 657-667.	2.5	8
8	Hypergraph membrane system based fully convolutional neural network for brain tumor segmentation. <i>Applied Soft Computing Journal</i> , 2020, 94, 106454.	1.2	16
9	Speed DCE-MRI Analyses of Human Glioblastoma Multiforme (GBM) Data. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 850-863.	3.4	18
10	A segmentation-independent volume rendering visualisation method might reduce redundant explorations and post-surgical complications of microvascular decompression. <i>European Radiology</i> , 2020, 30, 3823-3833.	4.5	3
11	Enhanced $\hat{f}^3$ -Glutamyltranspeptidase Imaging That Unravels the Glioma Recurrence in Post-radio/Chemotherapy Mixtures for Precise Pathology via Enzyme-Triggered Fluorescent Probe. <i>Frontiers in Neuroscience</i> , 2019, 13, 557.	2.8	9
12	Machine Learning Models for Multiparametric Glioma Grading With Quantitative Result Interpretations. <i>Frontiers in Neuroscience</i> , 2019, 12, 1046.	2.8	46
13	A Universal Intensity Standardization Method Based on a Many-to-One Weak-Paired Cycle Generative Adversarial Network for Magnetic Resonance Images. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2059-2069.	8.9	37
14	Quantitative dynamic susceptibility contrast perfusion-weighted imaging-guided customized gamma knife re-irradiation of recurrent high-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 139, 185-193.	2.9	8
15	Visualizing glioma margins by real-time tracking of $\hat{f}^3$ -glutamyltranspeptidase activity. <i>Biomaterials</i> , 2018, 173, 1-10.	11.4	50
16	Absolute CBV for the differentiation of recurrence and radionecrosis of brain metastases after gamma knife radiotherapy: a comparison with relative CBV. <i>Clinical Radiology</i> , 2018, 73, 758.e1-758.e7.	1.1	11
17	Postcontrast T1 Mapping for Differential Diagnosis of Recurrence and Radionecrosis after Gamma Knife Radiosurgery for Brain Metastasis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1025-1031.	2.4	22
18	Association of ACVRL1 Genetic Polymorphisms with Arteriovenous Malformations: A Case-Control Study and Meta-Analysis. <i>World Neurosurgery</i> , 2017, 108, 690-697.	1.3	4

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19	Juglone potentiates TRAIL-induced apoptosis in human melanoma cells via activating the ROS-p38-p53 pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 9645-9651.	2.4	20
20	Rapid Capture and Analysis of Airborne <i>Staphylococcus aureus</i> in the Hospital Using a Microfluidic Chip. <i>Micromachines</i> , 2016, 7, 169.	2.9	23
21	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. <i>Analyst, The</i> , 2016, 141, 2879-2882.	3.5	31
22	Miro1 deficiency in amyotrophic lateral sclerosis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 100.	3.4	55
23	Icariin inhibits TNF- $\alpha$ /IFN- $\gamma$ induced inflammatory response via inhibition of the substance P and p38-MAPK signaling pathway in human keratinocytes. <i>International Immunopharmacology</i> , 2015, 29, 401-407.	3.8	82
24	Microfluidic chip for rapid analysis of cerebrospinal fluid infected with <i>Staphylococcus aureus</i> . <i>Analytical Methods</i> , 2014, 6, 2015-2019.	2.7	10
25	Activation of PI3K/Akt pathway by CD133-p85 interaction promotes tumorigenic capacity of glioma stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6829-6834.	7.1	232
26	Shotgun proteomic analysis of microdissected postmortem human pituitary using complementary two-dimensional liquid chromatography coupled with tandem mass spectrometer. <i>Analytica Chimica Acta</i> , 2011, 688, 183-190.	5.4	13
27	Proteomic analysis of prolactinoma cells by immuno-laser capture microdissection combined with online two-dimensional nano-scale liquid chromatography/mass spectrometry. <i>Proteome Science</i> , 2010, 8, 2.	1.7	24