Yingchao Liu

List of Publications by Year
in descending order

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27	846	623734	552781
papers	citations	14 h-index	26 g-index

27	27	27	1707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of PI3K/Akt pathway by CD133-p85 interaction promotes tumorigenic capacity of glioma stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6829-6834.	7.1	232
2	Icariin inhibits TNF-Î±/IFN-Î³ induced inflammatory response via inhibition of the substance P and p38-MAPK signaling pathway in human keratinocytes. International Immunopharmacology, 2015, 29, 401-407.	3.8	82
3	Deep learningâ€“based detection and segmentation-assisted management of brain metastases. Neuro-Oncology, 2020, 22, 505-514.	1.2	69
4	Miro1 deficiency in amyotrophic lateral sclerosis. Frontiers in Aging Neuroscience, 2015, 7, 100.	3.4	55
5	Visualizing glioma margins by real-time tracking of Î³-glutamyltranspeptidase activity. Biomaterials, 2018, 173, 1-10.	11.4	50
6	Machine Learning Models for Multiparametric Glioma Grading With Quantitative Result Interpretations. Frontiers in Neuroscience, 2019, 12, 1046.	2.8	46
7	A Universal Intensity Standardization Method Based on a Many-to-One Weak-Paired Cycle Generative Adversarial Network for Magnetic Resonance Images. IEEE Transactions on Medical Imaging, 2019, 38, 2059-2069.	8.9	37
8	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. Analyst, The, 2016, 141, 2879-2882.	3.5	31
9	Proteomic analysis of prolactinoma cells by immuno-laser capture microdissection combined with online two-dimensional nano-scale liquid chromatography/mass spectrometry. Proteome Science, 2010, 8, 2.	1.7	24
10	Rapid Capture and Analysis of Airborne Staphylococcus aureus in the Hospital Using a Microfluidic Chip. Micromachines, 2016, 7, 169.	2.9	23
11	Postcontrast T1 Mapping for Differential Diagnosis of Recurrence and Radionecrosis after Gamma Knife Radiosurgery for Brain Metastasis. American Journal of Neuroradiology, 2018, 39, 1025-1031.	2.4	22
12	Juglone potentiates TRAIL-induced apoptosis in human melanoma cells via activating the ROS-p38-p53 pathway. Molecular Medicine Reports, 2017, 16, 9645-9651.	2.4	20
13	Multimodality MRI-based radiomics approach to predict the posttreatment response of lung cancer brain metastases to gamma knife radiosurgery. European Radiology, 2022, 32, 2266-2276.	4.5	20
14	Shutterâ€Speed DCEâ€MRI Analyses of Human Glioblastoma Multiforme (GBM) Data. Journal of Magnetic Resonance Imaging, 2020, 52, 850-863.	3.4	18
15	Convolutional neural network for accelerating the computation of the extended Tofts model in <scp>dynamic contrastâ€enhanced magnetic resonance imaging</scp>. Journal of Magnetic Resonance Imaging, 2021, 53, 1898-1910.	3.4	17
16	Hypergraph membrane system based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2639" altimg="si23.svg"><mml:msup><mml:mrow><mml:mi>F</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math> fully convolutional neural network for brain tumor segmentation. Applied Soft Computing Journal, 2020, 94, 106454.	7.2	16
17	Shotgun proteomic analysis of microdissected postmortem human pituitary using complementary two-dimensional liquid chromatography coupled with tandem mass spectrometer. Analytica Chimica Acta, 2011, 688, 183-190.	5.4	13
18	Nâ€acetylglucosaminyltransferase I promotes glioma cell proliferation and migration through increasing the stability of the glucose transporter GLUT1. FEBS Letters, 2020, 594, 358-366.	2.8	12

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19	Absolute CBV for the differentiation of recurrence and radionecrosis of brain metastases after gamma knife radiotherapy: a comparison with relative CBV. Clinical Radiology, 2018, 73, 758.e1-758.e7.	1.1	11
20	Microfluidic chip for rapid analysis of cerebrospinal fluid infected with Staphylococcus aureus. Analytical Methods, 2014, 6, 2015-2019.	2.7	10
21	Enhanced Î³-Glutamyltranspeptidase Imaging That Unravels the Glioma Recurrence in Post-radio/Chemotherapy Mixtures for Precise Pathology via Enzyme-Triggered Fluorescent Probe. Frontiers in Neuroscience, 2019, 13, 557.	2.8	9
22	Quantitative dynamic susceptibility contrast perfusion-weighted imaging-guided customized gamma knife re-irradiation of recurrent high-grade gliomas. Journal of Neuro-Oncology, 2018, 139, 185-193.	2.9	8
23	Bazedoxifene enhances paclitaxel efficacy to suppress glioblastoma via altering Hippo/YAP pathway. Journal of Cancer, 2020, 11, 657-667.	2.5	8
24	A water-soluble fluorescent probe for real-time visualization of Î³-glutamyl transpeptidase activity in living cells. Bioorganic and Medicinal Chemistry Letters, 2022, 68, 128762.	2.2	6
25	Association of ACVRL1 Genetic Polymorphisms with Arteriovenous Malformations: A Case-Control Study and Meta-Analysis. World Neurosurgery, 2017, 108, 690-697.	1.3	4
26	A segmentation-independent volume rendering visualisation method might reduce redundant explorations and post-surgical complications of microvascular decompression. European Radiology, 2020, 30, 3823-3833.	4.5	3
27	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. Magnetic Resonance Letters, 2022, 2, 243-254.	1.3	0