

Ying Mao

List of Publications by Year in descending order

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Version: 2024-02-01

338
papers

12,984
citations

24978

57
h-index

42291

92
g-index

348
all docs

348
docs citations

348
times ranked

18692
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Decision on Disorders of Consciousness After Acquired Brain Injury: Stepping Forward. <i>Neuroscience Bulletin</i> , 2023, 39, 138-162.	1.5	6
2	Silk Microneedle Patch Capable of On-Demand Multidrug Delivery to the Brain for Glioblastoma Treatment. <i>Advanced Materials</i> , 2022, 34, e2106606.	11.1	73
3	Intelligent SERS Navigation System Guiding Brain Tumor Surgery by Intraoperatively Delineating the Metabolic Acidosis. <i>Advanced Science</i> , 2022, 9, e2104935.	5.6	20
4	The origin and repopulation of microglia. <i>Developmental Neurobiology</i> , 2022, 82, 112-124.	1.5	16
5	Biomimicking Antibacterial Opto-Electro Sensing Sutures Made of Regenerated Silk Proteins. <i>Advanced Materials</i> , 2021, 33, e2004733.	11.1	28
6	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
7	Low-grade BRAF V600E mutant oligodendroglioma-like tumors of children may show EGFR and MET amplification. <i>Brain Pathology</i> , 2021, 31, 211-214.	2.1	2
8	Clinical practice guidelines for the management of adult diffuse gliomas. <i>Cancer Letters</i> , 2021, 499, 60-72.	3.2	194
9	One-Stage Treatment in a Hybrid Operation Room to Cure Brain Arteriovenous Malformation: A Single-Center Experience. <i>World Neurosurgery</i> , 2021, 147, e85-e97.	0.7	10
10	Imaging epileptic foci in mouse models via a low-density lipoprotein receptor-related protein-1 targeting strategy. <i>EBioMedicine</i> , 2021, 63, 103156.	2.7	7
11	Recognition of moyamoya disease and its hemorrhagic risk using deep learning algorithms: sourced from retrospective studies. <i>Neural Regeneration Research</i> , 2021, 16, 830.	1.6	11
12	Preliminary Study on the Application of Ultrahigh Field Magnetic Resonance in Moyamoya Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	1
13	Changes in Brain Functional Network Connectivity in Adult Moyamoya Diseases. <i>Cognitive Neurodynamics</i> , 2021, 15, 861-872.	2.3	7
14	A Novel Intraoperative Brain Mapping Integrated Task-Presentation Platform. <i>Operative Neurosurgery</i> , 2021, 20, 477-483.	0.4	6
15	How I do it? Gravity-assisted endoscopic cingulate gyrus glioma resection. <i>Acta Neurochirurgica</i> , 2021, 163, 1323-1326.	0.9	0
16	Molecular landscape of IDH-mutant primary astrocytoma Grade IV/glioblastomas. <i>Modern Pathology</i> , 2021, 34, 1245-1260.	2.9	21
17	Faded Critical Dynamics in Adult Moyamoya Disease Revealed by EEG and fMRI. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	2
18	Current and emerging therapies for primary central nervous system lymphoma. <i>Biomarker Research</i> , 2021, 9, 32.	2.8	20

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19	Higher-order sensorimotor circuit of the brain's global network supports human consciousness. <i>NeuroImage</i> , 2021, 231, 117850.	2.1	23
20	The Inhibition of B7H3 by 2-HG Accumulation Is Associated With Downregulation of VEGFA in IDH Mutated Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 670145.	1.8	4
21	DDX60 Is Associated With Glioma Malignancy and Serves as a Potential Immunotherapy Biomarker. <i>Frontiers in Oncology</i> , 2021, 11, 665360.	1.3	8
22	Microsurgical intracranial hypervascular tumor resection immediately after endovascular embolization in a hybrid operative suite: A single-center experience. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 68-75.	0.8	2
23	Mismatch repair proteins PMS2 and MLH1 can further refine molecular stratification of IDH-mutant lower grade astrocytomas. <i>Clinical Neurology and Neurosurgery</i> , 2021, 208, 106882.	0.6	1
24	Prestimulus dynamics blend with the stimulus in neural variability quenching. <i>NeuroImage</i> , 2021, 238, 118160.	2.1	17
25	Gene clusters based on OLIG2 and CD276 could distinguish molecular profiling in glioblastoma. <i>Journal of Translational Medicine</i> , 2021, 19, 404.	1.8	2
26	Embolic Stroke Model with Magnetic Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43993-44001.	4.0	7
27	Follow the Venous Path to the Hidden Lesion: A Technical Trick in Brainstem Cavernous Malformation Surgery. <i>World Neurosurgery</i> , 2021, 154, 44-50.	0.7	0
28	The benefit and outcome prediction of acute surgery for hemorrhagic brainstem cavernous malformation with impending respiratory failure. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 213-220.	0.8	3
29	Reprogramming the immunosuppressive microenvironment of IDH1 wild-type glioblastoma by blocking Wnt signaling between microglia and cancer cells. <i>Oncotarget</i> , 2021, 10, 1932061.	2.1	17
30	The First 24h Hemodynamic Management in NICU after Revascularization Surgery in Moyamoya Disease. <i>Behavioural Neurology</i> , 2021, 2021, 1-7.	1.1	3
31	NeuroD1 induces microglial apoptosis and cannot induce microglia-to-neuron cross-lineage reprogramming. <i>Neuron</i> , 2021, 109, 4094-4108.e5.	3.8	49
32	Reconfigured functional network dynamics in adult moyamoya disease: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 715-727.	1.1	22
33	Deep learning-based detection and segmentation-assisted management of brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 505-514.	0.6	69
34	IDH mutant lower grade (WHO Grades II/III) astrocytomas can be stratified for risk by CDKN2A, CDK4 and PDGFRA copy number alterations. <i>Brain Pathology</i> , 2020, 30, 541-553.	2.1	73
35	Regulation of Recurrent Inhibition by Asynchronous Glutamate Release in Neocortex. <i>Neuron</i> , 2020, 105, 522-533.e4.	3.8	25
36	Radiation-induced extracellular vesicle (EV) release of miR-603 promotes IGF1-mediated stem cell state in glioblastomas. <i>EBioMedicine</i> , 2020, 55, 102736.	2.7	35

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37	Clinical and mutational profiles of adult medulloblastoma groups. <i>Acta Neuropathologica Communications</i> , 2020, 8, 191.	2.4	30
38	Efficient Strategies for Microglia Replacement in the Central Nervous System. <i>Cell Reports</i> , 2020, 32, 108041.	2.9	68
39	RACK7 recognizes H3.3G34R mutation to suppress expression of MHC class II complex components and their delivery pathway in pediatric glioblastoma. <i>Science Advances</i> , 2020, 6, eaba2113.	4.7	25
40	Recognition of Cognitive Impairment in Adult Moyamoya Disease: A Classifier Based on High-Order Resting-State Functional Connectivity Network. <i>Frontiers in Neural Circuits</i> , 2020, 14, 603208.	1.4	9
41	Body-Integrated, Enzyme-Triggered Degradable, Silk-Based Mechanical Sensors for Customized Health/Fitness Monitoring and In Situ Treatment. <i>Advanced Science</i> , 2020, 7, 1903802.	5.6	64
42	Par complex cluster formation mediated by phase separation. <i>Nature Communications</i> , 2020, 11, 2266.	5.8	73
43	All-Aqueous-Processed Injectable In Situ Forming Macroporous Silk Gel Scaffolds for Minimally Invasive Intracranial and Osteological Therapies. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000879.	3.9	7
44	Particle radiation therapy in the management of malignant glioma: Early experience at the Shanghai Proton and Heavy Ion Center. <i>Cancer</i> , 2020, 126, 2802-2810.	2.0	12
45	Implantable, Degradable, Therapeutic Terahertz Metamaterial Devices. <i>Small</i> , 2020, 16, e2000294.	5.2	18
46	Downregulation of the Ubiquitin-E3 Ligase RNF123 Promotes Upregulation of the NF- κ B1 Target SerpinE1 in Aggressive Glioblastoma Tumors. <i>Cancers</i> , 2020, 12, 1081.	1.7	22
47	A pH ratiometrically responsive surface enhanced resonance Raman scattering probe for tumor acidic margin delineation and image-guided surgery. <i>Chemical Science</i> , 2020, 11, 4397-4402.	3.7	25
48	Heterogeneous and Multifunctional Silk Microneedles for in Situ Treatment of Brain Glioma. , 2020, , .		1
49	Ultra-Thin, Ultra-Conformal Neural Interfaces. , 2020, , .		2
50	Assessing the depth of language processing in patients with disorders of consciousness. <i>Nature Neuroscience</i> , 2020, 23, 761-770.	7.1	74
51	Altered Global Brain Signal during Physiologic, Pharmacologic, and Pathologic States of Unconsciousness in Humans and Rats. <i>Anesthesiology</i> , 2020, 132, 1392-1406.	1.3	45
52	Editorial. Response to COVID-19 in Chinese neurosurgery and beyond. <i>Journal of Neurosurgery</i> , 2020, 133, 31-32.	0.9	14
53	Brain-targeted drug delivery by manipulating protein corona functions. <i>Nature Communications</i> , 2019, 10, 3561.	5.8	174
54	A multi-lock inhibitory mechanism for fine-tuning enzyme activities of the HECT family E3 ligases. <i>Nature Communications</i> , 2019, 10, 3162.	5.8	35

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55	Rapid histology of laryngeal squamous cell carcinoma with deep-learning based stimulated Raman scattering microscopy. <i>Theranostics</i> , 2019, 9, 2541-2554.	4.6	106
56	Surface-Enhanced Resonance Raman Scattering-Guided Brain Tumor Surgery Showing Prognostic Benefit in Rat Models. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15241-15250.	4.0	45
57	Suppression of glioblastoma by a drug cocktail reprogramming tumor cells into neuronal like cells. <i>Scientific Reports</i> , 2019, 9, 3462.	1.6	19
58	Silk-Enabled Conformal Multifunctional Bioelectronics for Investigation of Spatiotemporal Epileptiform Activities and Multimodal Neural Encoding/Decoding. <i>Advanced Science</i> , 2019, 6, 1801617.	5.6	52
59	B7H3 regulates differentiation and serves as a potential biomarker and theranostic target for human glioblastoma. <i>Laboratory Investigation</i> , 2019, 99, 1117-1129.	1.7	29
60	Whole-exome sequencing revealed mutational profiles of giant cell glioblastomas. <i>Brain Pathology</i> , 2019, 29, 782-792.	2.1	11
61	Efficacy of adjuvant radiotherapy for atypical and anaplastic meningioma. <i>Cancer Medicine</i> , 2019, 8, 13-20.	1.3	55
62	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. <i>Laboratory Investigation</i> , 2019, 99, 588-598.	1.7	16
63	Commentary: Analysis of Wide-Neck Aneurysms in the Barrow Ruptured Aneurysm Trial. <i>Neurosurgery</i> , 2019, 85, E822-E824.	0.6	1
64	Point-of-Care Tissue Analysis Using Miniature Mass Spectrometer. <i>Analytical Chemistry</i> , 2019, 91, 1157-1163.	3.2	44
65	Proximal Middle Cerebral Artery Aneurysms: Microsurgical Management and Therapeutic Results. <i>World Neurosurgery</i> , 2019, 122, e907-e916.	0.7	8
66	Two novel genetic variants in the STK38L and RAB27A genes are associated with glioma susceptibility. <i>International Journal of Cancer</i> , 2019, 145, 2372-2382.	2.3	14
67	Introduction. The unrealized gain of cerebral revascularization. <i>Neurosurgical Focus</i> , 2019, 46, E1.	1.0	0
68	Endogenous hormone 2 α -methoxyestradiol suppresses venous hypertension-induced angiogenesis through up- and down-regulating p53 and id-1. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 957-967.	1.6	5
69	The Role of Matrix Metalloproteinase-3 in the Doxycycline Attenuation of Intracranial Venous Hypertension-Induced Angiogenesis. <i>Neurosurgery</i> , 2018, 83, 1317-1327.	0.6	10
70	The utility of "low current" stimulation threshold of intraoperative electromyography monitoring in predicting facial nerve function outcome after vestibular schwannoma surgery: a prospective cohort study of 103 large tumors. <i>Journal of Neuro-Oncology</i> , 2018, 138, 383-390.	1.4	11
71	Cerebral ischemia induces angiogenesis in the peri-infarct regions via Notch1 signaling activation. <i>Experimental Neurology</i> , 2018, 304, 30-40.	2.0	32
72	Neural Coding of Cell Assemblies via Spike-Timing Self-Information. <i>Cerebral Cortex</i> , 2018, 28, 2563-2576.	1.6	3

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73	Protein Bricks: 2D and 3D Bio-Nanostructures with Shape and Function on Demand. <i>Advanced Materials</i> , 2018, 30, e1705919.	11.1	50
74	Custom-Made Ceria Nanoparticles Show a Neuroprotective Effect by Modulating Phenotypic Polarization of the Microglia. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5808-5812.	7.2	133
75	Multicolor T-Ray Imaging Using Multispectral Metamaterials. <i>Advanced Science</i> , 2018, 5, 1700982.	5.6	64
76	A Silk Cranial Fixation System for Neurosurgery. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701359.	3.9	25
77	Breakdown in the temporal and spatial organization of spontaneous brain activity during general anesthesia. <i>Human Brain Mapping</i> , 2018, 39, 2035-2046.	1.9	57
78	The comprehensive impact on human body induced by resolution of growth hormone excess. <i>European Journal of Endocrinology</i> , 2018, 178, 365-375.	1.9	12
79	Preliminary Exploration of the Diagnosis and Treatment of Skull-Based Chondromyxoid Fibromas. <i>Operative Neurosurgery</i> , 2018, 15, 270-277.	0.4	3
80	Epidermoid cysts of the cavernous sinus: clinical features, surgical outcomes, and literature review. <i>Journal of Neurosurgery</i> , 2018, 129, 973-983.	0.9	15
81	Oncogenic IDH1 Mutations Promote Enhanced Proline Synthesis through PYCR1 to Support the Maintenance of Mitochondrial Redox Homeostasis. <i>Cell Reports</i> , 2018, 22, 3107-3114.	2.9	64
82	Hypofractionated stereotactic radiosurgery: a new treatment strategy for giant cavernous sinus hemangiomas. <i>Journal of Neurosurgery</i> , 2018, 128, 60-67.	0.9	21
83	Quantitative assessment of changes in hemodynamics of the internal carotid artery after bypass surgery for moyamoya disease. <i>Journal of Neurosurgery</i> , 2018, 129, 677-683.	0.9	27
84	Prognostication of Survival Outcomes in Patients Diagnosed with Glioblastoma. <i>World Neurosurgery</i> , 2018, 109, e67-e74.	0.7	60
85	Treatment of aneurysms in patients with moyamoya disease: a 10-year single-center experience. <i>Journal of Neurosurgery</i> , 2018, 128, 1813-1822.	0.9	39
86	Label-free imaging of hemoglobin degradation and hemosiderin formation in brain tissues with femtosecond pump-probe microscopy. <i>Theranostics</i> , 2018, 8, 4129-4140.	4.6	23
87	Print-to-pattern: Silk-Based Water Lithography. <i>Small</i> , 2018, 14, e1802953.	5.2	11
88	Oligodendrogliomas in pediatric and teenage patients only rarely exhibit molecular markers and patients have excellent survivals. <i>Journal of Neuro-Oncology</i> , 2018, 139, 307-322.	1.4	2
89	Long-Term Outcomes After Combined Revascularization Surgery in Adult Hemorrhagic Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 116, e1032-e1041.	0.7	15
90	Self-Powered Multifunctional Transient Bioelectronics. <i>Small</i> , 2018, 14, e1802050.	5.2	47

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91	Safety and Efficacy of Atorvastatin for Chronic Subdural Hematoma in Chinese Patients. <i>JAMA Neurology</i> , 2018, 75, 1338.	4.5	157
92	Disrupted neural variability during propofol-induced sedation and unconsciousness. <i>Human Brain Mapping</i> , 2018, 39, 4533-4544.	1.9	37
93	White Matter Deficits Underlying the Impaired Consciousness Level in Patients with Disorders of Consciousness. <i>Neuroscience Bulletin</i> , 2018, 34, 668-678.	1.5	19
94	Image-guided chemotherapy with specifically tuned blood brain barrier permeability in glioma margins. <i>Theranostics</i> , 2018, 8, 3126-3137.	4.6	50
95	Prediction of BRAF mutation status of craniopharyngioma using magnetic resonance imaging features. <i>Journal of Neurosurgery</i> , 2018, 129, 27-34.	0.9	35
96	Identification of recurrent USP48 and BRAF mutations in Cushing's disease. <i>Nature Communications</i> , 2018, 9, 3171.	5.8	106
97	Development of risk prediction models for glioma based on genome-wide association study findings and comprehensive evaluation of predictive performances. <i>Oncotarget</i> , 2018, 9, 8311-8325.	0.8	3
98	Aberrant regional homogeneity of resting-state executive control, default mode, and salience networks in adult patients with moyamoya disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 176-184.	1.1	18
99	Postoperative executive function in adult moyamoya disease: a preliminary study of its functional anatomy and behavioral correlates. <i>Journal of Neurosurgery</i> , 2017, 126, 527-536.	0.9	34
100	Complications and Management of Large Intracranial Vestibular Schwannomas Via the Retrosigmoid Approach. <i>World Neurosurgery</i> , 2017, 99, 326-335.	0.7	36
101	The Use of Functionalized Silk Fibroin Films as a Platform for Optical Diffraction-Based Sensing Applications. <i>Advanced Materials</i> , 2017, 29, 1605471.	11.1	127
102	Germline Mutations in CDH23, Encoding Cadherin-Related 23, Are Associated with Both Familial and Sporadic Pituitary Adenomas. <i>American Journal of Human Genetics</i> , 2017, 100, 817-823.	2.6	57
103	Longitudinal recovery of local neuronal activity and consciousness level in acquired brain injury. <i>Human Brain Mapping</i> , 2017, 38, 3579-3591.	1.9	12
104	Posterior cingulate cross-hemispheric functional connectivity predicts the level of consciousness in traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 387.	1.6	12
105	Juglone induces apoptosis of tumor stem-like cells through ROS-p38 pathway in glioblastoma. <i>BMC Neurology</i> , 2017, 17, 70.	0.8	34
106	Noninvasively Imaging Subcutaneous Tumor Xenograft by a Handheld Raman Detector, with the Assistance of an Optical Clearing Agent. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17769-17776.	4.0	24
107	An EGFRvIII targeted dual-modal gold nanoprobe for imaging-guided brain tumor surgery. <i>Nanoscale</i> , 2017, 9, 7930-7940.	2.8	34
108	Morphological and Hemodynamic Differences Between Aneurysmal Middle Cerebral Artery Bifurcation and Contralateral Nonaneurysmal Anatomy. <i>Neurosurgery</i> , 2017, 81, 779-786.	0.6	15

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109	Guiding Brain Tumor Surgery via Blood-Brain Barrier-Permeable Gold Nanoprobes with Acid-Triggered MRI/SERS Signals. <i>Advanced Materials</i> , 2017, 29, 1603917.	11.1	149
110	Noninvasive IDH1 mutation estimation based on a quantitative radiomics approach for grade II glioma. <i>European Radiology</i> , 2017, 27, 3509-3522.	2.3	183
111	Anatomical location differences between mutated and wild-type isocitrate dehydrogenase 1 in low-grade gliomas. <i>International Journal of Neuroscience</i> , 2017, 127, 873-880.	0.8	15
112	Transvenous Endovascular Treatment for Scalp Arteriovenous Fistulas: Results with Combined Use of Onyx and Coils. <i>World Neurosurgery</i> , 2017, 107, 692-697.	0.7	13
113	Real-Time Motor Cortex Mapping for the Safe Resection of Glioma: An Intraoperative Resting-State fMRI Study. <i>American Journal of Neuroradiology</i> , 2017, 38, 2146-2152.	1.2	30
114	Long-Term Outcomes of Surgical Treatment in 181 Patients with Supratentorial Cerebral Cavernous Malformation-Associated Epilepsy. <i>World Neurosurgery</i> , 2017, 108, 869-875.	0.7	18
115	Precise Protein Photolithography (P^3): High Performance Biopatterning Using Silk Fibroin Light Chain as the Resist. <i>Advanced Science</i> , 2017, 4, 1700191.	5.6	47
116	Hypermethylation downregulates P2X7 receptor expression in astrocytoma. <i>Oncology Letters</i> , 2017, 14, 7699-7704.	0.8	3
117	Repeated multiple intracranial hemorrhages induced by cardiac myxoma mimicking cavernous angiomas: a case report. <i>Chinese Neurosurgical Journal</i> , 2017, 3, .	0.3	2
118	Magnetic Resonance Thermometry-Guided Laser Interstitial Thermal Therapy in Neurosurgery, a Promising Tool for Dural-Based Lesions?. <i>World Neurosurgery</i> , 2017, 98, 836-838.	0.7	5
119	A cerebrospinal fluid microRNA signature as biomarker for glioblastoma. <i>Oncotarget</i> , 2017, 8, 68769-68779.	0.8	111
120	Electrocorticographic Temporal Alteration Mapping: A Clinical Technique for Mapping the Motor Cortex with Movement-Related Cortical Potentials. <i>Frontiers in Neuroscience</i> , 2017, 11, 326.	1.4	4
121	Low-Grade Glioma Segmentation Based on CNN with Fully Connected CRF. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-12.	1.1	28
122	Epidemiological Features of Nontraumatic Spontaneous Subarachnoid Hemorrhage in China. <i>Chinese Medical Journal</i> , 2017, 130, 776-781.	0.9	9
123	Therapeutic and Prognostic Implications of BRAF V600E in Pediatric Low-Grade Gliomas. <i>Journal of Clinical Oncology</i> , 2017, 35, 2934-2941.	0.8	232
124	Association Between Glioblastoma Locations and Patient Age. <i>Journal of Medical Imaging and Health Informatics</i> , 2017, 7, 181-185.	0.2	0
125	Magnetofection Based on Superparamagnetic Iron Oxide Nanoparticles Weakens Glioma Stem Cell Proliferation and Invasion by Mediating High Expression of MicroRNA-374a. <i>Journal of Cancer</i> , 2016, 7, 1487-1496.	1.2	24
126	Not all 1p/19q non-codeleted oligodendroglial tumors are astrocytic. <i>Oncotarget</i> , 2016, 7, 64615-64630.	0.8	22

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127	<i>TP53</i> and Histone H3.3 Mutations in Triple-Negative Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2016, 375, 2206-2208.	13.9	16
128	Histological grade and type classification of glioma using Magnetic Resonance Imaging. , 2016, , .		3
129	Optimizing preservation of extracellular vesicular miRNAs derived from clinical cerebrospinal fluid. <i>Cancer Biomarkers</i> , 2016, 17, 125-132.	0.8	74
130	miR-491 regulates glioma cells proliferation by targeting TRIM28 in vitro. <i>BMC Neurology</i> , 2016, 16, 248.	0.8	28
131	Segmentation of peritumoral oedema offers a valuable radiological feature of cerebral metastasis. <i>British Journal of Radiology</i> , 2016, 89, 20151054.	1.0	9
132	CGCG clinical practice guidelines for the management of adult diffuse gliomas. <i>Cancer Letters</i> , 2016, 375, 263-273.	3.2	448
133	Neurosurgical Postgraduate Training in China: Moving Toward a National Training Standard. <i>World Neurosurgery</i> , 2016, 96, 410-416.	0.7	10
134	The genome-wide mutational landscape of pituitary adenomas. <i>Cell Research</i> , 2016, 26, 1255-1259.	5.7	137
135	A Prognostic Model for Early Post-Treatment Outcome of Elderly Patients With Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2016, 95, 253-261.	0.7	26
136	The Zinc Finger Transcription Factor Sp9 Is Required for the Development of Striatopallidal Projection Neurons. <i>Cell Reports</i> , 2016, 16, 1431-1444.	2.9	58
137	Effectiveness of minocycline in acute white matter injury after intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2016, 126, 1855-1862.	0.9	16
138	Clinicopathological analysis of UHRF1 expression in medulloblastoma tissues and its regulation on tumor cell proliferation. <i>Medical Oncology</i> , 2016, 33, 99.	1.2	10
139	miR-124 suppresses the migration and invasion of glioma cells in vitro via Capn4. <i>Oncology Reports</i> , 2016, 35, 284-290.	1.2	43
140	Minocycline is effective in intracerebral hemorrhage by inhibition of apoptosis and autophagy. <i>Journal of the Neurological Sciences</i> , 2016, 371, 88-95.	0.3	30
141	Nanoscale probing of electron-regulated structural transitions in silk proteins by near-field IR imaging and nano-spectroscopy. <i>Nature Communications</i> , 2016, 7, 13079.	5.8	78
142	Regional Gray Matter Atrophy in Vascular Mild Cognitive Impairment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 95-101.	0.7	24
143	Abscisic acid-induced cellular apoptosis and differentiation in glioma via the retinoid acid signaling pathway. <i>International Journal of Cancer</i> , 2016, 138, 1947-1958.	2.3	19
144	Recent advances in molecular biology and treatment strategies for intracranial germ cell tumors. <i>World Journal of Pediatrics</i> , 2016, 12, 275-282.	0.8	23

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145	The clinical utility of multimodal MR image-guided needle biopsy in cerebral gliomas. International Journal of Neuroscience, 2016, 126, 53-61.	0.8	11
146	Effectiveness of 2-methoxyestradiol in alleviating angiogenesis induced by intracranial venous hypertension. Journal of Neurosurgery, 2016, 125, 746-753.	0.9	11
147	B7-H4(B7x) Mediated Cross-talk between Glioma-Initiating Cells and Macrophages via the IL6/JAK/STAT3 Pathway Lead to Poor Prognosis in Glioma Patients. Clinical Cancer Research, 2016, 22, 2778-2790.	3.2	128
148	Microfluidics for rapid detection of isocitrate dehydrogenase 1 mutation for intraoperative application. Journal of Neurosurgery, 2016, 124, 1611-1618.	0.9	8
149	Diagnosis and Management of Combined Central Diabetes Insipidus and Cerebral Salt Wasting Syndrome After Traumatic Brain Injury. World Neurosurgery, 2016, 88, 483-487.	0.7	18
150	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. NeuroImage, 2016, 124, 693-703.	2.1	79
151	TRIM28 as an independent prognostic marker plays critical roles in glioma progression. Journal of Neuro-Oncology, 2016, 126, 19-26.	1.4	47
152	Biomarker-based prognostic stratification of young adult glioblastoma. Oncotarget, 2016, 7, 5030-5041.	0.8	45
153	Predicting Cerebral Hyperperfusion Syndrome Following Superficial Temporal Artery to Middle Cerebral Artery Bypass based on Intraoperative Perfusion-Weighted Magnetic Resonance Imaging. Scientific Reports, 2015, 5, 14140.	1.6	15
154	Direct evidence from intraoperative electrocortical stimulation indicates shared and distinct speech production center between Chinese and English languages. Human Brain Mapping, 2015, 36, 4972-4985.	1.9	36
155	Effects and Clinical Characteristics of Intracranial Pressure Monitoring Targeted Management for Subsets of Traumatic Brain Injury. Critical Care Medicine, 2015, 43, 1405-1414.	0.4	24
156	GABA _A receptor deficits predict recovery in patients with disorders of consciousness: A preliminary multimodal [¹¹ C]Flumazenil PET and fMRI study. Human Brain Mapping, 2015, 36, 3867-3877.	1.9	17
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