

Aihua Liu

List of Publications by Year in descending order

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79
papers

1,081
citations

471371

17
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501076

28
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86
docs citations

86
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effects of miR-27a against traumatic brain injury via suppressing FoxO3a-mediated neuronal autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1141-1147.	1.0	63
2	miR-23b improves cognitive impairments in traumatic brain injury by targeting ATG12-mediated neuronal autophagy. <i>Behavioural Brain Research</i> , 2018, 340, 126-136.	1.2	57
3	Aneurysm Characteristics Associated with the Rupture Risk of Intracranial Aneurysms: A Self-Controlled Study. <i>PLoS ONE</i> , 2015, 10, e0142330.	1.1	52
4	Clinical characterization of autoimmune LGI1 antibody limbic encephalitis. <i>Epilepsy and Behavior</i> , 2016, 56, 165-169.	0.9	51
5	Radiomics features on non-contrast-enhanced CT scan can precisely classify AVM-related hematomas from other spontaneous intraparenchymal hematoma types. <i>European Radiology</i> , 2019, 29, 2157-2165.	2.3	49
6	Relationship between aneurysm wall enhancement and conventional risk factors in patients with unruptured intracranial aneurysms: A black-blood MRI study. <i>Interventional Neuroradiology</i> , 2016, 22, 501-505.	0.7	47
7	Shear Stress Induces Phenotypic Modulation of Vascular Smooth Muscle Cells via AMPK/mTOR/ULK1-Mediated Autophagy. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 541-548.	1.7	43
8	Transcranial alternating current stimulation for treating depression: a randomized controlled trial. <i>Brain</i> , 2022, 145, 83-91.	3.7	43
9	Efficacy and Safety of Treatment with Transcutaneous Vagus Nerve Stimulation in 17 Patients with Refractory Epilepsy Evaluated by Electroencephalogram, Seizure Frequency, and Quality of Life. <i>Medical Science Monitor</i> , 2018, 24, 8439-8448.	0.5	42
10	An alternative therapy for drug-resistant epilepsy: transcutaneous auricular vagus nerve stimulation. <i>Chinese Medical Journal</i> , 2014, 127, 300-4.	0.9	39
11	Number of Cigarettes Smoked Per Day, Smoking Index, and Intracranial Aneurysm Rupture: A Caseâ€“Control Study. <i>Frontiers in Neurology</i> , 2018, 9, 380.	1.1	33
12	Comparison of Recanalization and In-Stent Stenosis Between the Low-Profile Visualized Intraluminal Support Stent and Enterprise Stent-Assisted Coiling for 254 Intracranial Aneurysms. <i>World Neurosurgery</i> , 2018, 109, e99-e104.	0.7	31
13	Risk Score for Neurological Complications After Endovascular Treatment of Unruptured Intracranial Aneurysms. <i>Stroke</i> , 2016, 47, 971-978.	1.0	30
14	MiR-144 promotes Î²-amyloid accumulation-induced cognitive impairments by targeting ADAM10 following traumatic brain injury. <i>Oncotarget</i> , 2017, 8, 59181-59203.	0.8	27
15	Quinidine Therapy for Lennox-Gastaut Syndrome With KCNT1 Mutation. A Case Report and Literature Review. <i>Frontiers in Neurology</i> , 2019, 10, 64.	1.1	20
16	Endovascular treatment evolution for pure intraorbital arteriovenous fistula: Three case reports and literature review. <i>Neuroradiology Journal</i> , 2017, 30, 151-159.	0.6	18
17	Complementary Roles of Dynamic Contrast-Enhanced MR Imaging and Postcontrast Vessel Wall Imaging in Detecting High-Risk Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2019, 40, 490-496.	1.2	18
18	Risk factors for dural arteriovenous fistula intracranial hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 769-772.	0.8	17

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19	Associations between haemodynamics and wall enhancement of intracranial aneurysm. <i>Stroke and Vascular Neurology</i> , 2021, 6, 467-475.	1.5	17
20	Role of BDNF Val66Met functional polymorphism in temporal lobe epilepsy. <i>International Journal of Neuroscience</i> , 2016, 126, 436-441.	0.8	16
21	Clinical application values of neutrophil-to-lymphocyte ratio in intracranial aneurysms. <i>Aging</i> , 2021, 13, 5250-5262.	1.4	16
22	Progressive Occlusion of Enterprise Stent-Assisted Coiling of Ruptured Wide-Necked Intracranial Aneurysms and Related Factors on Angiographic Follow-Up: A Single-Center Experience with 468 Patients. <i>PLoS ONE</i> , 2014, 9, e92407.	1.1	14
23	Impact of hypertension and smoking on the rupture of intracranial aneurysms and their joint effect. <i>Neurologia i Neurochirurgia Polska</i> , 2015, 49, 121-125.	0.6	14
24	Onyx embolization of cavernous sinus dural arteriovenous fistulas via direct transorbital puncture under the guidance of three-dimensional reconstructed skull image (reports of six cases). <i>Acta Neurochirurgica</i> , 2014, 156, 897-900.	0.9	13
25	Progressive Occlusion and Recanalization After Endovascular Treatment for 287 Unruptured Small Aneurysms (<5mm): A Single-Center 6-Year Experience. <i>World Neurosurgery</i> , 2017, 103, 576-583.	0.7	13
26	Cost-effectiveness analysis of pembrolizumab for treatment of US patients with persistent, recurrent, or metastatic cervical cancer. <i>Gynecologic Oncology</i> , 2022, 164, 379-385.	0.6	13
27	Bifurcation Location Is Significantly Associated with Rupture of Small Intracranial Aneurysms (<5 Tj ETQq1 1 0.784314 rgBT/Overl 0.7 12	0.7	12
28	Assessment of Risk of Aneurysmal Rupture in Patients with Normotensives, Controlled Hypertension, and Uncontrolled Hypertension. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1746-1752.	0.7	11
29	Bifurcation Location and Growth of Aneurysm Size Are Significantly Associated with an Irregular Shape of Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2017, 107, 255-262.	0.7	11
30	Seizure predictors and outcome after Onyx embolization in patients with brain arteriovenous malformations. <i>Interventional Neuroradiology</i> , 2019, 25, 124-131.	0.7	11
31	Morphology-based radiomics signature: a novel determinant to identify multiple intracranial aneurysms rupture. <i>Aging</i> , 2021, 13, 13195-13210.	1.4	11
32	Clinical and Imaging Features of Patients With Encephalitic Symptoms and Myelin Oligodendrocyte Glycoprotein Antibodies. <i>Frontiers in Immunology</i> , 2021, 12, 722404.	2.2	11
33	Associations between morphology and hemodynamics of intracranial aneurysms based on 4D flow and black-blood magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 597-607.	1.1	10
34	Economic Evaluation of Sacituzumab Govitecan for the Treatment of Metastatic Triple-Negative Breast Cancer in China and the US. <i>Frontiers in Oncology</i> , 2021, 11, 734594.	1.3	10
35	Curative Glubran 2 Embolization of Cerebral Arteriovenous Malformations Patient Selection and Initial Results. <i>Interventional Neuroradiology</i> , 2014, 20, 722-728.	0.7	9
36	Enterprise stent-assisted coiling for wide-necked intracranial aneurysms during ultra-early (48hours) subarachnoid hemorrhage: A single-center experience in 59 consecutive patients. <i>Journal of Neuroradiology</i> , 2015, 42, 298-303.	0.6	9

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37	Risk Factors to Predict Neurologic Complications After Endovascular Treatment of Unruptured Paraclinoid Aneurysms. <i>World Neurosurgery</i> , 2017, 104, 89-94.	0.7	9
38	Lower miR-143/145 and higher matrix metalloproteinase-9 levels in circulation may be associated with intracranial aneurysm formation and rupture: A pilot study. <i>Clinical Neurology and Neurosurgery</i> , 2018, 173, 124-129.	0.6	9
39	Development and validation of a novel nomogram to predict aneurysm rupture in patients with multiple intracranial aneurysms: a multicentre retrospective study. <i>Stroke and Vascular Neurology</i> , 2021, 6, e000480.	1.5	9
40	Suberoylanilide hydroxamic acid suppresses axonal damage and neurological dysfunction after subarachnoid hemorrhage via the HDAC1/HSP70/TDP-43 axis. <i>Experimental and Molecular Medicine</i> , 2022, 54, 1423-1433.	3.2	9
41	Novel biallelic missense mutations in CTC1 gene identified in a Chinese family with Coats plus syndrome. <i>Journal of the Neurological Sciences</i> , 2017, 382, 142-145.	0.3	8
42	Ruptured Wide-Necked Aneurysms: Is Stent-Assisted Coiling During Posthemorrhage Days 4-10 Safe and Efficient?. <i>World Neurosurgery</i> , 2017, 101, 137-143.	0.7	8
43	Cognitive Impairments and Risk Factors After Ruptured Anterior Communicating Artery Aneurysm Treatment in Low-Grade Patients Without Severe Complications: A Multicenter Retrospective Study. <i>Frontiers in Neurology</i> , 2021, 12, 613785.	1.1	8
44	Quantification of aneurysm wall enhancement in intracranial fusiform aneurysms and related predictors based on high-resolution magnetic resonance imaging: a validation study. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642211053.	1.5	8
45	A case of two pial arteriovenous fistulas with giant venous pouches treated by endovascular coil embolization: Therapy with and without anticoagulation. <i>Interventional Neuroradiology</i> , 2016, 22, 97-100.	0.7	7
46	The Siesta Habit is Associated with a Decreased Risk of Rupture of Intracranial Aneurysms. <i>Frontiers in Neurology</i> , 2017, 8, 451.	1.1	7
47	Cost-Effective Analysis of Different Diagnostic Strategies in Screening for Aneurysms After Spontaneous Subarachnoid Hemorrhage. <i>Academic Radiology</i> , 2022, 29, S36-S43.	1.3	7
48	Larger inflow angle and incomplete occlusion predict recanalization of unruptured paraclinoid aneurysms after endovascular treatment. <i>Interventional Neuroradiology</i> , 2016, 22, 383-388.	0.7	6
49	Stent-assisted coiling of very small wide-necked intracranial aneurysms: Complications, anatomical results and clinical outcomes. <i>Neurologia I Neurochirurgia Polska</i> , 2016, 50, 410-417.	0.6	6
50	Passive Smoking Is Not Associated with Risk of Intracranial Aneurysm Rupture in Nonsmoking Women. <i>World Neurosurgery</i> , 2017, 107, 716-723.	0.7	6
51	Is Single Low-Profile Visualized Intraluminal Support (LVIS)-Assisted Coiling of Wide-Necked Ruptured Multiple Intracranial Aneurysms in One Stage Feasible?. <i>World Neurosurgery</i> , 2018, 118, e388-e394.	0.7	6
52	Economic evaluation of intravenous alteplase for stroke with the time of onset between 4.5 and 9 hours. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 46-51.	2.0	6
53	Predicting flow diverter sizing using the AneuGuide TM software: a validation study. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 57-62.	2.0	6
54	Effects of blood lipids and lipid-modifying drugs on intracranial aneurysms. <i>European Journal of Neurology</i> , 2022, 29, 2967-2975.	1.7	6

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55	External Validation of the PHASES Score in Patients with Multiple Intracranial Aneurysms. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105643.	0.7	5
56	LG11 antibody-associated encephalitis without evidence of inflammation in CSF and brain MRI. <i>Acta Neurologica Belgica</i> , 2023, 123, 849-856.	0.5	5
57	The Minimum Distance May Affect Perioperative Complications and Completed Occlusions of Endovascular Treatment for Tandem Intracranial Aneurysms: A Multi-Institutional Retrospective Study. <i>Cerebrovascular Diseases</i> , 2020, 49, 609-618.	0.8	4
58	Additive Effect of Coexisting Aneurysms Increases Subarachnoid Hemorrhage Risk in Patients With Multiple Aneurysms. <i>Stroke</i> , 2021, 52, 2418-2421.	1.0	4
59	Immune-Mediated Cerebellar Ataxia Associated With Neuronal Surface Antibodies. <i>Frontiers in Immunology</i> , 2022, 13, 813926.	2.2	4
60	Endovascular Treatment of Small Ruptured Intracranial Aneurysms (<5 mm). <i>Clinical Neuroradiology</i> , 2020, 30, 817-826.	1.0	3
61	Economic Evaluation of Ticagrelor Plus Aspirin Versus Aspirin Alone for Acute Ischemic Stroke and Transient Ischemic Attack. <i>Frontiers in Pharmacology</i> , 2022, 13, 790048.	1.6	3
62	Cost-effective analysis of mechanical thrombectomy alone in the treatment of acute ischaemic stroke: a Markov modelling study. <i>BMJ Open</i> , 2022, 12, e059098.	0.8	3
63	MnCO ₃ @BSA-ICG nanoparticles as a magnetic resonance/photoacoustic dual-modal contrast agent for functional imaging of acute ischemic stroke. <i>Biochemical and Biophysical Research Communications</i> , 2022, 614, 125-131.	1.0	3
64	Hemodynamic analysis of intracranial aneurysms using phase-contrast magnetic resonance imaging and computational fluid dynamics. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2017, 33, 472-483.	1.5	2
65	Teaching Video NeuroImages: High blood flow velocity in the parent artery prior to basilar tip aneurysm rupture. <i>Neurology</i> , 2019, 93, 1018-1019.	1.5	2
66	Cost-Effectiveness of Short-Course Radiation Plus Temozolomide for the Treatment of Newly Diagnosed Glioblastoma Among Elderly Patients in China and the United States. <i>Frontiers in Pharmacology</i> , 2021, 12, 743979.	1.6	2
67	Morphological characteristics associated with ruptured intracranial vertebral artery dissecting aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 321-324.	2.0	2
68	Inflow Angle Impacts Morphology, Hemodynamics, and Inflammation of Side-wall Intracranial Aneurysms. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	2
69	Chinese Cervicocephalic artery dissection study (CCADS): rationale and protocol for a multicenter prospective cohort study. <i>BMC Neurology</i> , 2018, 18, 6.	0.8	1
70	Procedural Complications and Factors Influencing Immediate Angiographic Results after Endovascular Treatment of Small (<5 mm) Ruptured Intracranial Aneurysms. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104624.	0.7	1
71	Ictal embarrassment originating from the anterior cingulate cortex confirmed by intracranial electroencephalography in a case with intractable epilepsy. <i>Clinical Neurology and Neurosurgery</i> , 2021, 203, 106567.	0.6	1
72	Increased aneurysm wall permeability colocalized with low wall shear stress in unruptured saccular intracranial aneurysm. <i>Journal of Neurology</i> , 2022, 269, 2715-2719.	1.8	1

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73	Paroxysmal dyskinesia on waking: two case reports. <i>Sleep Medicine</i> , 2016, 25, 63-66.	0.8	0
74	DeÂnovo aneurysm formation of a feeder artery after embolization of a dural arteriovenous fistula and rupture during second embolization. <i>Interventional Neuroradiology</i> , 2018, 24, 435-439.	0.7	0
75	Teaching Video NeuroImage: Wall enhancement with slow blood flow and thrombosis prior to basilar aneurysm rupture. <i>Neurology</i> , 2020, 96, 10.1212/WNL.0000000000010820.	1.5	0
76	Design and validation of a recognition instrumentâ€”the stroke aid for emergency scaleâ€”to predict large vessel occlusion stroke. <i>Aging</i> , 2021, 13, 13680-13692.	1.4	0
77	Pipeline Embolization Device for the Treatment of Unruptured Intracranial Dissecting Aneurysms. <i>Frontiers in Neurology</i> , 2021, 12, 691897.	1.1	0
78	Management of Unruptured Small Multiple Intracranial Aneurysms in China: A Comparative Effectiveness Analysis Based on Real-World Data. <i>Frontiers in Neurology</i> , 2021, 12, 736127.	1.1	0
79	Cost effectiveness of screening for intracranial aneurysms among patients with bicuspid aortic valve: a Markov modelling study. <i>BMJ Open</i> , 2021, 11, e051236.	0.8	0