

# Yan Qu

## List of Publications by Year in descending order

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80  
papers

2,579  
citations

201674

27  
h-index

214800

47  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computed tomographic parameters correlate with coagulation disorders in isolated traumatic brain injury. <i>International Journal of Neuroscience</i> , 2022, 132, 835-842.	1.6	2
2	Predicting Neurological Deterioration after Moderate Traumatic Brain Injury: Development and Validation of a Prediction Model Based on Data Collected on Admission. <i>Journal of Neurotrauma</i> , 2022, 39, 371-378.	3.4	9
3	Singleâ€Nucleus RNA Sequencing Reveals that Decorin Expression in the Amygdala Regulates Perineuronal Nets Expression and Fear Conditioning Response after Traumatic Brain Injury. <i>Advanced Science</i> , 2022, 9, e2104112.	11.2	13
4	The Specific Role of Reactive Astrocytes in Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 850866.	3.7	27
5	Adiponectin/AdiopR1 signaling prevents mitochondrial dysfunction and oxidative injury after traumatic brain injury in a SIRT3 dependent manner. <i>Redox Biology</i> , 2022, 54, 102390.	9.0	29
6	Comparison of Long-Term Outcomes of Endoscopic and Minimally Invasive Catheter Evacuation for the Treatment of Spontaneous Cerebellar Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 57-64.	4.2	2
7	20â€HETE synthesis inhibition attenuates traumatic brain injuryâ€induced mitochondrial dysfunction and neuronal apoptosis via the SIRT1/PGCâ€1 pathway: A translational study. <i>Cell Proliferation</i> , 2021, 54, e12964.	5.3	31
8	Antagonism of Protease-Activated Receptor 4 Protects Against Traumatic Brain Injury by Suppressing Neuroinflammation via Inhibition of Tab2/NF-â€B Signaling. <i>Neuroscience Bulletin</i> , 2021, 37, 242-254.	2.9	10
9	Cerebral fat embolization with paroxysmal sympathetic hyperactivity syndrome and septic shock at high altitude: a case report and literature review. <i>Chinese Neurosurgical Journal</i> , 2021, 7, 18.	0.9	2
10	Effects of Primary Decompressive Craniectomy on the Outcomes of Serious Traumatic Brain Injury with Mass Lesions, and Independent Predictors of Operation Decision. <i>World Neurosurgery</i> , 2021, 148, e396-e405.	1.3	5
11	Death after discharge: prognostic model of 1-year mortality in traumatic brain injury patients undergoing decompressive craniectomy. <i>Chinese Neurosurgical Journal</i> , 2021, 7, 24.	0.9	3
12	Acrolein Induces Systemic Coagulopathy via Autophagy-dependent Secretion of von Willebrand Factor in Mice after Traumatic Brain Injury. <i>Neuroscience Bulletin</i> , 2021, 37, 1160-1175.	2.9	5
13	Preoperative prediction of granulation pattern subtypes in GHâ€secreting pituitary adenomas. <i>Clinical Endocrinology</i> , 2021, 95, 134-142.	2.4	6
14	Treatment of Traumatic Intracranial Pseudoaneurysms: A Single-Center Experience. <i>Frontiers in Neurology</i> , 2021, 12, 690284.	2.4	9
15	Long-term outcome of stereotactic aspiration, endoscopic evacuation, and open craniotomy for the treatment of spontaneous basal ganglia hemorrhage: a propensity score study of 703 cases. <i>Annals of Translational Medicine</i> , 2021, 9, 1289-1289.	1.7	6
16	Prognostic and Predictive Factors in Elderly Patients With Glioblastoma: A Single-Center Retrospective Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 777962.	3.4	6
17	Assessment of intracranial pressure monitoring in patients with moderate traumatic brain injury: A retrospective cohort study. <i>Clinical Neurology and Neurosurgery</i> , 2020, 189, 105538.	1.4	7
18	Comparison of endoscopic evacuation, stereotactic aspiration, and craniotomy for treatment of basal ganglia hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 55-61.	3.3	33

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19	Tonsillectomy with modified reconstruction of the cisterna magna with and without craniectomy for the treatment of adult Chiari malformation type I with syringomyelia. <i>Acta Neurochirurgica</i> , 2020, 162, 1585-1595.	1.7	5
20	Long-Term Cognitive Improvement After Functional Hemispherectomy. <i>World Neurosurgery</i> , 2020, 135, e520-e526.	1.3	7
21	Effect of Intraoperative Lumbar Drainage on Gross Total Resection and Cerebrospinal Fluid Leak Rates in Endoscopic Transsphenoidal Surgery of Pituitary Macroadenomas. <i>World Neurosurgery</i> , 2020, 135, e629-e639.	1.3	10
22	Smoothed Promotes Glioblastoma Radiation Resistance Via Activating USP3-Mediated Claspin Deubiquitination. <i>Clinical Cancer Research</i> , 2020, 26, 1749-1762.	7.0	33
23	Recombinant Adiponectin Peptide Ameliorates Brain Injury Following Intracerebral Hemorrhage by Suppressing Astrocyte-Derived Inflammation via the Inhibition of Drp1-Mediated Mitochondrial Fission. <i>Translational Stroke Research</i> , 2020, 11, 924-939.	4.2	69
24	Perioperative Blood Pressure Control in Carotid Artery Stenosis Patients With Carotid Angioplasty Stenting: A Retrospective Analysis of 173 Cases. <i>Frontiers in Neurology</i> , 2020, 11, 567623.	2.4	2
25	Long-Term Effect of Endoscopic Evacuation for Large Basal Ganglia Hemorrhage With GCS Scores $\geq 8$ . <i>Frontiers in Neurology</i> , 2020, 11, 848.	2.4	11
26	Cross-reinforcing suturing and intranasal knotting for dural defect reconstruction during endoscopic endonasal skull base surgery. <i>Acta Neurochirurgica</i> , 2020, 162, 2409-2412.	1.7	6
27	Acrolein Aggravates Secondary Brain Injury After Intracerebral Hemorrhage Through Drp1-Mediated Mitochondrial Oxidative Damage in Mice. <i>Neuroscience Bulletin</i> , 2020, 36, 1158-1170.	2.9	33
28	Bakuchiol Attenuates Oxidative Stress and Neuron Damage by Regulating Trx1/TXNIP and the Phosphorylation of AMPK After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 712.	3.5	40
29	Impact of neurosurgical enhanced recovery after surgery (ERAS) program on health-related quality of life in glioma patients: a secondary analysis of a randomized controlled trial. <i>Journal of Neuro-Oncology</i> , 2020, 148, 555-567.	2.9	16
30	Ambulatory Surgery Protocol for Endoscopic Endonasal Resection of Pituitary Adenomas: A Prospective Single-arm Trial with Initial Implementation Experience. <i>Scientific Reports</i> , 2020, 10, 9755.	3.3	11
31	SIRT3 protects against early brain injury following subarachnoid hemorrhage via promoting mitochondrial fusion in an AMPK dependent manner. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 1.	0.9	18
32	Enhanced Recovery After Intraspinial Tumor Surgery: A Single-Institutional Randomized Controlled Study. <i>World Neurosurgery</i> , 2020, 136, e542-e552.	1.3	32
33	Recombinant adiponectin peptide promotes neuronal survival after intracerebral haemorrhage by suppressing mitochondrial and ATF4 $\rightarrow$ CHOP apoptosis pathways in diabetic mice via Smad3 signalling inhibition. <i>Cell Proliferation</i> , 2020, 53, e12759.	5.3	19
34	Adiponectin peptide alleviates oxidative stress and NLRP3 inflammasome activation after cerebral ischemia-reperfusion injury by regulating AMPK/GSK-3 $\beta$ . <i>Experimental Neurology</i> , 2020, 329, 113302.	4.1	110
35	The characteristics of brain injury following cerebral venous infarction induced by surgical interruption of the cortical bridging vein in mice. <i>Brain Research</i> , 2020, 1739, 146823.	2.2	4
36	Clinical Features and Molecular Markers on Diffuse Midline Gliomas With H3K27M Mutations: A 43 Cases Retrospective Cohort Study. <i>Frontiers in Oncology</i> , 2020, 10, 602553.	2.8	27

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37	Molecular Pathological Markers Correlated With the Recurrence Patterns of Glioma. <i>Frontiers in Oncology</i> , 2020, 10, 565045.	2.8	4
38	Pterostilbene Attenuates Astrocytic Inflammation and Neuronal Oxidative Injury After Ischemia-Reperfusion by Inhibiting NF- $\kappa$ B Phosphorylation. <i>Frontiers in Immunology</i> , 2019, 10, 2408.	4.8	102
39	The natural course of unruptured intracranial aneurysms in a Chinese cohort: protocol of a multi-center registration study in CIAP. <i>Journal of Translational Medicine</i> , 2019, 17, 349.	4.4	2
40	Clinical practice guidelines for the diagnosis and treatment of adult diffuse glioma-related epilepsy. <i>Cancer Medicine</i> , 2019, 8, 4527-4535.	2.8	46
41	Neurosurgical enhanced recovery after surgery (ERAS) programme for elective craniotomies: are patients satisfied with their experiences? A quantitative and qualitative analysis. <i>BMJ Open</i> , 2019, 9, e028706.	1.9	42
42	Treatment of Arachnoid Cyst With Spontaneous Hemorrhage With Atorvastatin. <i>Frontiers in Pharmacology</i> , 2019, 10, 1343.	3.5	7
43	A randomized controlled study of preoperative oral carbohydrate loading versus fasting in patients undergoing elective craniotomy. <i>Clinical Nutrition</i> , 2019, 38, 2106-2112.	5.0	30
44	Remote limb ischemic postconditioning protects against cerebral ischemia-reperfusion injury by activating AMPK-dependent autophagy. <i>Brain Research Bulletin</i> , 2018, 139, 105-113.	3.0	19
45	Improvement of health related quality of life in patients with recurrent glioma treated with bevacizumab plus daily temozolomide as the salvage therapy. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 64-70.	1.4	5
46	NCMP-32. OUTCOMES AND PREDICTIVE FACTORS OF RECRANIOTOMY FOR SEVERE COMPLICATIONS FOLLOWING SELECTIVE CRANIOTOMY FOR INTRACRANIAL TUMORS. <i>Neuro-Oncology</i> , 2018, 20, vi200-vi200.	1.2	0
47	Adiponectin confers neuroprotection against cerebral ischemia-reperfusion injury through activating the cAMP/PKA-CREB-BDNF signaling. <i>Brain Research Bulletin</i> , 2018, 143, 145-154.	3.0	40
48	China Intracranial Aneurysm Project (CIAP): protocol for a registry study on a multidimensional prediction model for rupture risk of unruptured intracranial aneurysms. <i>Journal of Translational Medicine</i> , 2018, 16, 263.	4.4	12
49	Adiponectin Attenuates Oxygen-Glucose Deprivation-Induced Mitochondrial Oxidative Injury and Apoptosis in Hippocampal HT22 Cells via the JAK2/STAT3 Pathway. <i>Cell Transplantation</i> , 2018, 27, 1731-1743.	2.5	29
50	Surgical Evacuation of Spontaneous Cerebellar Hemorrhage: Comparison of Safety and Efficacy of Suboccipital Craniotomy, Stereotactic Aspiration, and Thrombolysis and Endoscopic Surgery. <i>World Neurosurgery</i> , 2018, 117, e90-e98.	1.3	15
51	Successful treatment of extensively drug-resistant <i>Acinetobacter baumannii</i> ventriculitis with polymyxin B and tigecycline- a case report. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 22.	4.1	14
52	China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. <i>BMJ Open</i> , 2018, 8, e019333.	1.9	3
53	Melatonin Attenuates Early Brain Injury via the Melatonin Receptor/Sirt1/NF- $\kappa$ B Signaling Pathway Following Subarachnoid Hemorrhage in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 1612-1621.	4.0	55
54	Pre-ischemia melatonin treatment alleviated acute neuronal injury after ischemic stroke by inhibiting endoplasmic reticulum stress-dependent autophagy via $\text{PERK}$ and $\text{IRE}1$ signaling. <i>Journal of Pineal Research</i> , 2017, 62, e12395.	7.4	214

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55	Endoscopic Endonasal Resection of a Mixed Lesion of Gangliocytoma and Nonfunctioning Pituitary Adenoma. <i>World Neurosurgery</i> , 2017, 106, 1050.e1-1050.e6.	1.3	9
56	Adiponectin attenuates NADPH oxidase-mediated oxidative stress and neuronal damage induced by cerebral ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3265-3276.	3.8	39
57	Pterostilbene Attenuates Early Brain Injury Following Subarachnoid Hemorrhage via Inhibition of the NLRP3 Inflammasome and Nox2-Related Oxidative Stress. <i>Molecular Neurobiology</i> , 2017, 54, 5928-5940.	4.0	56
58	Adiponectin Protects against Glutamate-Induced Excitotoxicity via Activating SIRT1-Dependent PGC-1 $\pm$ Expression in HT22 Hippocampal Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	37
59	Neuroprotective effects of pterostilbene against oxidative stress injury: Involvement of nuclear factor erythroid 2-related factor 2 pathway. <i>Brain Research</i> , 2016, 1643, 70-79.	2.2	45
60	Neuroprotective effects of nitidine in Parkinson's disease models through inhibiting microglia activation: role of the Jak2-Stat3 pathway. <i>RSC Advances</i> , 2016, 6, 71328-71337.	3.6	21
61	A modified method to reduce variable outcomes in a rat model of four-vessel arterial occlusion. <i>Neurological Research</i> , 2016, 38, 1102-1110.	1.3	10
62	Activation of G protein-coupled estrogen receptor 1 (GPER-1) ameliorates blood-brain barrier permeability after global cerebral ischemia in ovariectomized rats. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 209-214.	2.1	51
63	HO-1 Signaling Activation by Pterostilbene Treatment Attenuates Mitochondrial Oxidative Damage Induced by Cerebral Ischemia Reperfusion Injury. <i>Molecular Neurobiology</i> , 2016, 53, 2339-2353.	4.0	48
64	Endoscopic Endonasal Approach to Mesencephalic Cavernous Malformations. <i>World Neurosurgery</i> , 2016, 90, 701.e7-701.e10.	1.3	19
65	Evidence for the protective effects of curcumin against oxyhemoglobin-induced injury in rat cortical neurons. <i>Brain Research Bulletin</i> , 2016, 120, 34-40.	3.0	17
66	Melatonin alleviates brain injury in mice subjected to cecal ligation and puncture via attenuating inflammation, apoptosis, and oxidative stress: the role of SIRT1 signaling. <i>Journal of Pineal Research</i> , 2015, 59, 230-239.	7.4	184
67	Intraperitoneal administration of thioredoxin decreases brain damage from ischemic stroke. <i>Brain Research</i> , 2015, 1615, 89-97.	2.2	24
68	The emerging role of adiponectin in cerebrovascular and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1887-1894.	3.8	34
69	Combination of HBO and Memantine in Focal Cerebral Ischemia: Is There a Synergistic Effect?. <i>Molecular Neurobiology</i> , 2015, 52, 1458-1466.	4.0	18
70	Melatonin prevents cell death and mitochondrial dysfunction via a SIRT1-dependent mechanism during ischemic stroke in mice. <i>Journal of Pineal Research</i> , 2015, 58, 61-70.	7.4	212
71	An overview of the molecular mechanisms and novel roles of Nrf2 in neurodegenerative disorders. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 47-57.	7.2	68
72	Effects of Systemic Magnesium on Post-operative Analgesia: Is the Current Evidence Strong Enough?. <i>Pain Physician</i> , 2015, 18, 405-18.	0.4	27

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73	Activation of Peroxisome Proliferator-activated Receptor $\alpha$ Attenuates Acute Ischemic Stroke on Middle Cerebral Ischemia Occlusion in Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1396-1402.	1.6	15
74	Novel role of silent information regulator 1 in acute endothelial cell oxidative stress injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2246-2256.	3.8	13
75	MicroRNA-34a induces apoptosis in the human glioma cell line, A172, through enhanced ROS production and NOX2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 6-12.	2.1	74
76	Adiponectin regulates SR Ca <sup>2+</sup> cycling following ischemia/reperfusion via sphingosine 1-phosphate-CaMKII signaling in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 183-192.	1.9	29
77	SIRT1 promotes proliferation and inhibits apoptosis of human malignant glioma cell lines. <i>Neuroscience Letters</i> , 2012, 525, 168-172.	2.1	64
78	Down-regulation of Homer1b/c attenuates glutamate-mediated excitotoxicity through endoplasmic reticulum and mitochondria pathways in rat cortical neurons. <i>Free Radical Biology and Medicine</i> , 2012, 52, 208-217.	2.9	112
79	Downregulation of adiponectin induced by tumor necrosis factor $\alpha$ is involved in the aggravation of posttraumatic myocardial ischemia/reperfusion injury*. <i>Critical Care Medicine</i> , 2011, 39, 1935-1943.	0.9	47
80	MicroRNA-124/Death-Associated Protein Kinase 1 Signaling Regulates Neuronal Apoptosis in Traumatic Brain Injury via Phosphorylating NR2B. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	6