

Yan Qu

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Preischemia melatonin treatment alleviated acute neuronal injury after ischemic stroke by inhibiting endoplasmic reticulum stress-dependent autophagy via PERK and IRE1 signalings. <i>Journal of Pineal Research</i> , 2017, 62, e12395. | 7.4 | 214 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Adiponectin peptide alleviates oxidative stress and NLRP3 inflammasome activation after cerebral ischemia-reperfusion injury by regulating $\text{AMPK/GSK-3}\beta$. <i>Experimental Neurology</i> , 2020, 329, 113302. | 4.1 | 110 |
| 6 | Pterostilbene Attenuates Astrocytic Inflammation and Neuronal Oxidative Injury After Ischemia-Reperfusion by Inhibiting $\text{NF-}\kappa\text{B}$ Phosphorylation. <i>Frontiers in Immunology</i> , 2019, 10, 2408. | 4.8 | 102 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | SIRT1 promotes proliferation and inhibits apoptosis of human malignant glioma cell lines. <i>Neuroscience Letters</i> , 2012, 525, 168-172. | 2.1 | 64 |
| 11 | 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 |
| 12 | Melatonin Attenuates Early Brain Injury via the Melatonin Receptor/Sirt1/ $\text{NF-}\kappa\text{B}$ Signaling Pathway Following Subarachnoid Hemorrhage in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 1612-1621. | 4.0 | 55 |
| 13 | 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 |
| 14 | 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 |
| 15 | Downregulation of adiponectin induced by tumor necrosis factor α is involved in the aggravation of posttraumatic myocardial ischemia/reperfusion injury*. <i>Critical Care Medicine</i> , 2011, 39, 1935-1943. | 0.9 | 47 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Adiponectin Protects against Glutamate-Induced Excitotoxicity via Activating SIRT1-Dependent PGC-1 β Expression in HT22 Hippocampal Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12. | 4.0 | 37 |
| 23 | 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 |
| 24 | 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 |
| 25 | Smoothed Promotes Glioblastoma Radiation Resistance Via Activating USP3-Mediated Claspin Deubiquitination. <i>Clinical Cancer Research</i> , 2020, 26, 1749-1762. | 7.0 | 33 |
| 26 | 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 |
| 27 | Enhanced Recovery After Intraspinial Tumor Surgery: A Single-Institutional Randomized Controlled Study. <i>World Neurosurgery</i> , 2020, 136, e542-e552. | 1.3 | 32 |
| 28 | 20 α -HETE synthesis inhibition attenuates traumatic brain injury-induced mitochondrial dysfunction and neuronal apoptosis via the SIRT1/PGC-1 β pathway: A translational study. <i>Cell Proliferation</i> , 2021, 54, e12964. | 5.3 | 31 |
| 29 | 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 |
| 30 | Adiponectin regulates SR Ca ²⁺ 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | The Specific Role of Reactive Astrocytes in Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 850866. | 3.7 | 27 |
| 36 | Intraperitoneal administration of thioredoxin decreases brain damage from ischemic stroke. <i>Brain Research</i> , 2015, 1615, 89-97. | 2.2 | 24 |

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|----|--|------|-----------|
| 37 | 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 |
| 38 | Endoscopic Endonasal Approach to Mesencephalic Cavernous Malformations. <i>World Neurosurgery</i> , 2016, 90, 701.e7-701.e10. | 1.3 | 19 |
| 39 | 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 |
| 40 | Recombinant adiponectin peptide promotes neuronal survival after intracerebral haemorrhage by suppressing mitochondrial and ATF4-CHOP apoptosis pathways in diabetic mice via Smad3 signalling inhibition. <i>Cell Proliferation</i> , 2020, 53, e12759. | 5.3 | 19 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Activation of Peroxisome Proliferator-activated Receptor α 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | Single-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 |
| 50 | 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 |
| 51 | Long-Term Effect of Endoscopic Evacuation for Large Basal Ganglia Hemorrhage With GCS Scores ≥ 8 . <i>Frontiers in Neurology</i> , 2020, 11, 848. | 2.4 | 11 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Antagonism of Protease-Activated Receptor 4 Protects Against Traumatic Brain Injury by Suppressing Neuroinflammation via Inhibition of Tab2/NF- κ B Signaling. <i>Neuroscience Bulletin</i> , 2021, 37, 242-254. | 2.9 | 10 |
| 56 | 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 |
| 57 | Treatment of Traumatic Intracranial Pseudoaneurysms: A Single-Center Experience. <i>Frontiers in Neurology</i> , 2021, 12, 690284. | 2.4 | 9 |
| 58 | 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 |
| 59 | Treatment of Arachnoid Cyst With Spontaneous Hemorrhage With Atorvastatin. <i>Frontiers in Pharmacology</i> , 2019, 10, 1343. | 3.5 | 7 |
| 60 | 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 |
| 61 | Long-Term Cognitive Improvement After Functional Hemispherectomy. <i>World Neurosurgery</i> , 2020, 135, e520-e526. | 1.3 | 7 |
| 62 | 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 |
| 63 | Preoperative prediction of granulation pattern subtypes in GH β secreting pituitary adenomas. <i>Clinical Endocrinology</i> , 2021, 95, 134-142. | 2.4 | 6 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | Molecular Pathological Markers Correlated With the Recurrence Patterns of Glioma. <i>Frontiers in Oncology</i> , 2020, 10, 565045. | 2.8 | 4 |

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|----|---|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |