

# Wang Jia

## List of Publications by Citations

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74  
papers

936  
citations

16  
h-index

27  
g-index

76  
ext. papers

1,355  
ext. citations

4.9  
avg, IF

4.37  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 74 | Inkjet Bioprinting of Biomaterials. <i>Chemical Reviews</i> , <b>2020</b> , 120, 10793-10833  | 68.1 | 103       |
| 73 | The role of claudin-5 in blood-brain barrier (BBB) and brain metastases (review). <i>Molecular Medicine Reports</i> , <b>2014</b> , 9, 779-85   | 2.9  | 85        |
| 72 | CMTM6 overexpression is associated with molecular and clinical characteristics of malignancy and predicts poor prognosis in gliomas. <i>EBioMedicine</i> , <b>2018</b> , 35, 233-243  | 8.8  | 60        |
| 71 | Reactive Astrocytes in Glioblastoma Multiforme. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 6927-6938   | 6.2  | 56        |
| 70 | Claudin-5 regulates blood-brain barrier permeability by modifying brain microvascular endothelial cell proliferation, migration, and adhesion to prevent lung cancer metastasis. <i>CNS Neuroscience and Therapeutics</i> , <b>2017</b> , 23, 947-960 | 6.8  | 46        |
| 69 | Preoperative prediction of cavernous sinus invasion by pituitary adenomas using a radiomics method based on magnetic resonance images. <i>European Radiology</i> , <b>2019</b> , 29, 1625-1634  | 8    | 44        |
| 68 | Elevated Na/H exchanger 1 (SLC9A1) emerges as a marker for tumorigenesis and prognosis in gliomas. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 255  | 12.8 | 31        |
| 67 | Overexpressed KDM5B is associated with the progression of glioma and promotes glioma cell growth via downregulating p21. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 454, 221-73-4                                     | 3.4  | 30        |
| 66 | Topological supramolecular network enabled high-conductivity, stretchable organic bioelectronics.. <i>Science</i> , <b>2022</b> , 375, 1411-1417  | 33.3 | 29        |
| 65 | Blockade of Na/H exchanger stimulates glioma tumor immunogenicity and enhances combinatorial TMZ and anti-PD-1 therapy. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 1010   | 9.8  | 28        |
| 64 | Gold Nanoclusters for NIR-II Fluorescence Imaging of Bones. <i>Small</i> , <b>2020</b> , 16, e2003851   | 11   | 27        |
| 63 | SET and MYND domain-containing protein 3 is overexpressed in human glioma and contributes to tumorigenicity. <i>Oncology Reports</i> , <b>2015</b> , 34, 2722-30  | 3.5  | 21        |
| 62 | Junctional adhesion molecules in cerebral endothelial tight junction and brain metastasis. <i>Anticancer Research</i> , <b>2013</b> , 33, 2353-9  | 2.3  | 20        |
| 61 | Epithelial-mesenchymal Transition (EMT) Markers in Human Pituitary Adenomas Indicate a Clinical Course. <i>Anticancer Research</i> , <b>2015</b> , 35, 2635-43  | 2.3  | 20        |
| 60 | Proposed Treatment Paradigm for Intracranial Chondrosarcomas Based on Multidisciplinary Coordination. <i>World Neurosurgery</i> , <b>2018</b> , 109, e517-e530  | 2.1  | 19        |
| 59 | How to Address Small- and Medium-Sized Acoustic Neuromas with Hearing: A Systematic Review and Decision Analysis. <i>World Neurosurgery</i> , <b>2015</b> , 84, 283-291.e1  | 2.1  | 16        |
| 58 | Expression of pituitary tumor transforming gene (PTTG) in human pituitary macroadenomas. <i>Tumor Biology</i> , <b>2013</b> , 34, 1559-67   | 2.9  | 16        |

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| 57 | Expression of the mTOR pathway regulators in human pituitary adenomas indicates the clinical course. <i>Anticancer Research</i> , <b>2013</b> , 33, 3123-31  | 2.3 | 16 |
| 56 | Clinical Predictors of Diabetes Insipidus After Transcranial Surgery for Pituitary Adenoma. <i>World Neurosurgery</i> , <b>2017</b> , 101, 1-10  | 2.1 | 14 |
| 55 | Clinicoradiologic Features and Surgical Outcomes of Sellar Xanthogranulomas: A Single-Center 10-Year Experience. <i>World Neurosurgery</i> , <b>2017</b> , 99, 439-447                             | 2.1 | 13 |
| 54 | Identification of PIEZO1 as a potential prognostic marker in gliomas. <i>Scientific Reports</i> , <b>2020</b> , 10, 16121  | 4.9 | 13 |
| 53 | Clinical Features and Prognostic Risk Factors of Choroid Plexus Tumors in Children. <i>Chinese Medical Journal</i> , <b>2018</b> , 131, 2938-2946  | 2.9 | 13 |
| 52 | CLDN5 affects lncRNAs acting as ceRNA dynamics contributing to regulating blood-brain barrier permeability in tumor brain metastasis. <i>Oncology Reports</i> , <b>2018</b> , 39, 1441-1453        | 3.5 | 12 |
| 51 | RNaseH2A is involved in human gliomagenesis through the regulation of cell proliferation and apoptosis. <i>Oncology Reports</i> , <b>2016</b> , 36, 173-80   | 3.5 | 12 |
| 50 | Surgical Management and Outcomes of Intracranial Chondromas: a Single-Center Case Series of 66 Patients. <i>World Neurosurgery</i> , <b>2017</b> , 108, 264-277                                    | 2.1 | 11 |
| 49 | Growth hormone secreting pituitary microadenomas and empty sella - An under-recognized association?. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 126, 18-23                         | 2   | 10 |
| 48 | Mixed gangliocytoma-pituitary adenoma in the sellar region: a large-scale single-center experience. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 1989-1999                                     | 3   | 9  |
| 47 | Vascular endothelial growth inhibitor (VEGI) is an independent indicator for invasion in human pituitary adenomas. <i>Anticancer Research</i> , <b>2013</b> , 33, 3815-22                          | 2.3 | 9  |
| 46 | Blockade of Cell Volume Regulatory Protein NKCC1 Increases TMZ-Induced Glioma Apoptosis and Reduces Astrogliosis. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1550-1561               | 6.1 | 8  |
| 45 | Primary Intracranial Angioleiomyomas as Rare, Nonmalignant, and Distinct Neoplastic Entities: A Series of 8 Cases and a Literature Review. <i>World Neurosurgery</i> , <b>2018</b> , 113, 1-13     | 2.1 | 8  |
| 44 | Significance of the Tentorial Alignment in Protecting the Occipital Lobe with the Poppen Approach for Tentorial or Pineal Area Meningiomas. <i>World Neurosurgery</i> , <b>2017</b> , 108, 453-459 | 2.1 | 8  |
| 43 | Comprehensive analysis of the immunological landscape of pituitary adenomas: implications of immunotherapy for pituitary adenomas. <i>Journal of Neuro-Oncology</i> , <b>2020</b> , 149, 473-487   | 4.8 | 8  |
| 42 | Intra- and Extramedullary Dumbbell-Shaped Schwannoma of the Medulla Oblongata: A Case Report and Review of the Literature. <i>World Neurosurgery</i> , <b>2017</b> , 98, 873.e1-873.e7             | 2.1 | 7  |
| 41 | A Logistic Regression Model for Detecting the Presence of Malignant Progression in Atypical Meningiomas. <i>World Neurosurgery</i> , <b>2019</b> , 126, e392-e401                                  | 2.1 | 6  |
| 40 | Evidence-based medicine in neurosurgery: an academic publication view. <i>Neurosurgical Review</i> , <b>2018</b> , 41, 55-65   | 3.9 | 6  |

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| 39 | Blood-Based Glutamate Scavengers Reverse Traumatic Brain Injury-Induced Synaptic Plasticity Disruption by Decreasing Glutamate Level in Hippocampus Interstitial Fluid, but Not Cerebral Spinal Fluid, In Vivo. <i>Neurotoxicity Research</i> , <b>2019</b> , 35, 360-372 | 4.3 | 6 |
| 38 | Identification of a Glycolysis-Related LncRNA Signature to Predict Survival in Diffuse Glioma Patients. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 597877   | 5.3 | 6 |
| 37 | Intratumoral Hemorrhage as an Unusual Manifestation of Intracranial Subependymoma. <i>World Neurosurgery</i> , <b>2018</b> , 114, e647-e653   | 2.1 | 5 |
| 36 | Primary adult infradiaphragmatic craniopharyngiomas: clinical features, management, and outcomes in one Chinese institution. <i>World Neurosurgery</i> , <b>2014</b> , 81, 773-82   | 2.1 | 5 |
| 35 | Diffuse cerebral vasospasm after resection of schwannoma: a case report. <i>Neuropsychiatric Disease and Treatment</i> , <b>2015</b> , 11, 317-20   | 3.1 | 5 |
| 34 | Pituitary Adenoma Associated With Rathke's Cleft Cyst: Report of 15 Cases. <i>Canadian Journal of Neurological Sciences</i> , <b>2018</b> , 45, 68-75   | 1   | 5 |
| 33 | Risk factors and the prognosis of sexual dysfunction in male patients with pituitary adenomas: a multivariate analysis. <i>Asian Journal of Andrology</i> , <b>2018</b> , 20, 43-49   | 2.8 | 5 |
| 32 | Microsurgical management of primary jugular foramen meningiomas: a series of 22 cases and review of the literature. <i>Neurosurgical Review</i> , <b>2016</b> , 39, 671-83  | 3.9 | 4 |
| 31 | MicroRNA-935 Directly Targets FZD6 to Inhibit the Proliferation of Human Glioblastoma and Correlate to Glioma Malignancy and Prognosis. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 566492   | 5.3 | 4 |
| 30 | Endovascular Coiling for a Ruptured Proximal Lenticulostriate Artery Aneurysm. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 606-8  | 2.9 | 4 |
| 29 | Predicting the likelihood of early recurrence based on mRNA sequencing of pituitary adenomas. <i>Gland Surgery</i> , <b>2019</b> , 8, 648-656   | 2.2 | 4 |
| 28 | Intracranial Mesenchymal Chondrosarcoma: Report of 16 Cases. <i>World Neurosurgery</i> , <b>2018</b> , 116, e691-e698   | 2.8 | 4 |
| 27 | Bioinformatics analysis of the prognostic value of NEK8 and its effects on immune cell infiltration in glioma. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 8748-8763  | 5.6 | 4 |
| 26 | ADAM29 Expression in Human Breast Cancer and its Effects on Breast Cancer Cells In Vitro. <i>Anticancer Research</i> , <b>2016</b> , 36, 1251-8   | 2.3 | 4 |
| 25 | Clinical Characteristics and Prognostic Factors of Treatment in Pediatric Posterior Cranial Fossa Ependymoma. <i>Pediatric Neurosurgery</i> , <b>2019</b> , 54, 98-107  | 0.9 | 3 |
| 24 | Knockdown of MCM10 Gene Impairs Glioblastoma Cell Proliferation, Migration and Invasion and the Implications for the Regulation of Tumorigenesis. <i>Journal of Molecular Neuroscience</i> , <b>2020</b> , 70, 759-768  | 3.3 | 3 |
| 23 | The Jugular Process: A Key Anatomical Landmark for Approaches to the Jugular Foramen. <i>World Neurosurgery</i> , <b>2020</b> , 135, e686-e694  | 2.1 | 3 |
| 22 | Surgical management and prognostic factors for primary intracranial myxoma: a single-institute experience with a systematic review. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-11   | 3.2 | 3 |

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|----|--|-----|---|
| 21 | Expression of metastasis-associated gene-1 is associated with bone invasion and tumor stage in human pituitary adenomas. <i>Cancer Genomics and Proteomics</i> , <b>2015</b> , 12, 113-8   | 3.3 | 3 |
| 20 | Rectus Capitis Lateralis Muscle: A Cadaveric Study of a Key Surgical Landmark in the Posterior and Lateral Approaches to the Jugular Foramen. <i>World Neurosurgery</i> , <b>2019</b> , 128, e859-e864                                     | 2.1 | 2 |
| 19 | Clinical, radiological features and surgical strategies for 23 NF1 patients with intraorbital meningoencephalocele. <i>Neurological Sciences</i> , <b>2019</b> , 40, 1217-1225   | 3.5 | 2 |
| 18 | Surgical management and long-term outcomes of intracranial giant cell tumors: a single-institution experience with a systematic review. <i>Journal of Neurosurgery</i> , <b>2018</b> , 131, 695-705  | 3.2 | 2 |
| 17 | Frontolateral Approach Applied to Sellar Region Lesions: A Retrospective Study in 79 Patients. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 1558-64   | 2.9 | 2 |
| 16 | Bone Imaging: Gold Nanoclusters for NIR-II Fluorescence Imaging of Bones (Small 43/2020). <i>Small</i> , <b>2020</b> , 16, 2070237   | 11  | 2 |
| 15 | MicroRNA-221/222 Inhibits the Radiation-Induced Invasiveness and Promotes the Radiosensitivity of Malignant Meningioma Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1441  | 5.3 | 2 |
| 14 | CPCGI Reduces Gray and White Matter Injury by Upregulating Nrf2 Signaling and Suppressing Calpain Overactivation in a Rat Model of Controlled Cortical Impact. <i>Neuropsychiatric Disease and Treatment</i> , <b>2020</b> , 16, 1929-1941 | 3.1 | 2 |
| 13 | Combined Application of Sodium Fluorescein and Neuronavigation Techniques in the Resection of Brain Gliomas.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 747072   | 4.1 | 2 |
| 12 | Clinical Characteristics and Surgical Features of Intracranial Fibrosarcoma. <i>Journal of Craniofacial Surgery</i> , <b>2020</b> , 31, 825-828  | 1.2 | 1 |
| 11 | A clinical study of ocular motor nerve functions after petroclival meningioma resection. <i>Acta Neurochirurgica</i> , <b>2020</b> , 162, 1249-1257  | 3   | 1 |
| 10 | Clinicoradiological features and surgical outcomes of primary intracranial medulloepitheliomas: a single-center experience and pooled analysis of individual patient data. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-15             | 3.2 | 1 |
| 9  | Establishment of the National Brain Tumor Registry of China. <i>JCO Global Oncology</i> , <b>2020</b> , 6, 47-48   | 3.7 | 1 |
| 8  | A Novel Imaging Grading Biomarker for Predicting Hearing Loss in Acoustic Neuromas. <i>Clinical Neuroradiology</i> , <b>2021</b> , 31, 599-610   | 2.7 | 1 |
| 7  | CPNE3 regulates the cell proliferation and apoptosis in human Glioblastoma via the activation of PI3K/AKT signaling pathway.. <i>Journal of Cancer</i> , <b>2021</b> , 12, 7277-7286   | 4.5 | 0 |
| 6  | Malignant Progression Contributes to the Failure of Combination Therapy for Atypical Meningiomas. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 608175  | 5.3 | 0 |
| 5  | Consistency of pituitary adenomas: Amounts of collagen types I and III and the predictive value of T2WI MRI. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 1255   | 2.1 | 0 |
| 4  | CTLA4-Mediated Immunosuppression in Glioblastoma is Associated with the Infiltration of Macrophages in the Tumor Microenvironment.. <i>Journal of Inflammation Research</i> , <b>2021</b> , 14, 7315-7329                                  | 4.8 | 0 |

- 3 In Reply to the Letter to the Editor Regarding "Intra- and Extramedullary Dumbbell-Shaped Schwannoma of the Medulla Oblongata: A Case Report and Review of the Literature". *World Neurosurgery*, **2020**, 135, 401 2.1
- 2 Targeted exome sequencing for the identification of common mutational signatures and potential driver mutations for brain metastases and prognosis. *Oncology Letters*, **2021**, 21, 179 2.6
- 1 Prognostic value of radial peripapillary capillary density for visual field outcomes in pituitary adenoma: A case-control study.. *Journal of Clinical Neuroscience*, **2022**, 100, 113-119 2.2