

# Hong Chen

## List of Publications by Year in descending order

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75  
papers

2,170  
citations

279487

23  
h-index

243296

44  
g-index

79  
all docs

79  
docs citations

79  
times ranked

3569  
citing authors

#	ARTICLE	IF	CITATIONS
1	The value of the lipopolysaccharide-induced acute lung injury model in respiratory medicine. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 773-783.	1.0	313
2	Recurrent gain-of-function USP8 mutations in Cushing's disease. <i>Cell Research</i> , 2015, 25, 306-317.	5.7	263
3	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell</i> , 2017, 169, 1090-1104.e13.	13.5	193
4	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
5	Noninvasive Prediction of IDH1 Mutation and ATRX Expression Loss in Low-Grade Gliomas Using Multiparametric MR Radiomic Features. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 808-817.	1.9	62
6	Alterations of plasma inflammatory biomarkers in the healthy and chronic obstructive pulmonary disease patients with or without acute exacerbation. <i>Journal of Proteomics</i> , 2012, 75, 2835-2843.	1.2	59
7	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
8	Artificial intelligence neuropathologist for glioma classification using deep learning on hematoxylin and eosin stained slide images and molecular markers. <i>Neuro-Oncology</i> , 2021, 23, 44-52.	0.6	57
9	Efficacy of adjuvant radiotherapy for atypical and anaplastic meningioma. <i>Cancer Medicine</i> , 2019, 8, 13-20.	1.3	55
10	Solitary fibrous tumor of the central nervous system: a clinicopathologic study of 24 cases. <i>Acta Neurochirurgica</i> , 2012, 154, 237-248.	0.9	54
11	Selection of disease-specific biomarkers by integrating inflammatory mediators with clinical informatics in AECOPD patients: a preliminary study. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1286-1297.	1.6	47
12	Does High Load of Oxidants in Human Semen Contribute to Male Factor Infertility?. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 754-759.	2.5	46
13	Prohibitin involvement in the generation of mitochondrial superoxide at complex I in human sperm. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 121-129.	1.6	45
14	Biomarker-based prognostic stratification of young adult glioblastoma. <i>Oncotarget</i> , 2016, 7, 5030-5041.	0.8	45
15	Common variants at 10p12.31, 10q21.1 and 13q12.13 are associated with sporadic pituitary adenoma. <i>Nature Genetics</i> , 2015, 47, 793-797.	9.4	43
16	Proteomics-Based Biomarkers in Chronic Obstructive Pulmonary Disease. <i>Journal of Proteome Research</i> , 2010, 9, 2798-2808.	1.8	38
17	Does Prohibitin Expression Regulate Sperm Mitochondrial Membrane Potential, Sperm Motility, and Male Fertility?. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 513-519.	2.5	38
18	Pediatric low-grade gliomas can be molecularly stratified for risk. <i>Acta Neuropathologica</i> , 2018, 136, 641-655.	3.9	36

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19	Intracranial clear cell meningioma: a clinicopathologic study of 15 cases. <i>Acta Neurochirurgica</i> , 2011, 153, 1769-1780.	0.9	32
20	Noninvasive molecular diagnosis of craniopharyngioma with MRI-based radiomics approach. <i>BMC Neurology</i> , 2019, 19, 6.	0.8	32
21	Predictive value of PWI for blood supply and T1-spin echo MRI for consistency of pituitary adenoma. <i>Neuroradiology</i> , 2016, 58, 51-57.	1.1	31
22	Clinical and mutational profiles of adult medulloblastoma groups. <i>Acta Neuropathologica Communications</i> , 2020, 8, 191.	2.4	30
23	Cerebral Amyloid Angiopathy (CAA)-Related Inflammation: Comparison of Inflammatory CAA and Amyloid- $\beta$ -Related Angiitis. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 525-532.	1.2	29
24	Transcortical insular glioma resection: clinical outcome and predictors. <i>Journal of Neurosurgery</i> , 2019, 131, 706-716.	0.9	26
25	Orbital solitary fibrous tumor: a clinicopathologic study of ten cases with long-term follow-up. <i>Acta Neurochirurgica</i> , 2012, 154, 249-255.	0.9	24
26	Analysis of prognostic factors and treatment of anaplastic meningioma in China. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 690-695.	0.8	24
27	PHB regulates meiotic recombination via JAK2-mediated histone modifications in spermatogenesis. <i>Nucleic Acids Research</i> , 2020, 48, 4780-4796.	6.5	23
28	Not all 1p/19q non-codeleted oligodendroglial tumors are astrocytic. <i>Oncotarget</i> , 2016, 7, 64615-64630.	0.8	22
29	Identification of subsets of IDH-mutant glioblastomas with distinct epigenetic and copy number alterations and stratified clinical risks. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz015.	0.4	22
30	3D-ASL perfusion correlates with VEGF expression and overall survival in glioma patients: Comparison of quantitative perfusion and pathology on accurate spatial location-matched basis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 209-220.	1.9	21
31	Molecular landscape of IDH-mutant primary astrocytoma Grade IV/glioblastomas. <i>Modern Pathology</i> , 2021, 34, 1245-1260.	2.9	21
32	Current and emerging therapies for primary central nervous system lymphoma. <i>Biomarker Research</i> , 2021, 9, 32.	2.8	20
33	The Incidence and Predictors of Postoperative Delirium After Brain Tumor Resection in Adults: A Cross-Sectional Survey. <i>World Neurosurgery</i> , 2020, 140, e129-e139.	0.7	19
34	BRAF V600E, TERT, and IDH2 Mutations in Pleomorphic Xanthoastrocytoma: Observations from a Large Case-Series Study. <i>World Neurosurgery</i> , 2018, 120, e1225-e1233.	0.7	16
35	Nucleolin overexpression is associated with an unfavorable outcome for ependymoma: a multifactorial analysis of 176 patients. <i>Journal of Neuro-Oncology</i> , 2016, 127, 43-52.	1.4	15
36	A novel image signature-based radiomics method to achieve precise diagnosis and prognostic stratification of gliomas. <i>Laboratory Investigation</i> , 2021, 101, 450-462.	1.7	15

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37	Prognostic Factors in Patients with Primary Hemangiopericytomas of the Central Nervous System: A Series of 103 Cases at a Single Institution. <i>World Neurosurgery</i> , 2016, 90, 414-419.	0.7	14
38	Significance of bioinformatics in research of chronic obstructive pulmonary disease. <i>Journal of Clinical Bioinformatics</i> , 2011, 1, 35.	1.2	13
39	Gene mutation profiling of primary glioblastoma through multiple tumor biopsy guided by 1H-magnetic resonance spectroscopy. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 5327-35.	0.5	13
40	Spinal myxopapillary ependymomas: a retrospective clinical and immunohistochemical study. <i>Acta Neurochirurgica</i> , 2016, 158, 101-107.	0.9	12
41	Expression and Clinical Significance of Immune Checkpoint Regulator B7-H3 (CD276) in Human Meningioma. <i>World Neurosurgery</i> , 2020, 135, e12-e18.	0.7	12
42	Gangliocytomas in the sellar region. <i>Clinical Neurology and Neurosurgery</i> , 2014, 126, 156-161.	0.6	11
43	Long-term Brain Tissue Monitoring after Semi-brain Irradiation in Rats Using Proton Magnetic Resonance Spectroscopy. <i>Chinese Medical Journal</i> , 2017, 130, 957-963.	0.9	11
44	Whole-exome sequencing revealed mutational profiles of giant cell glioblastomas. <i>Brain Pathology</i> , 2019, 29, 782-792.	2.1	11
45	Thrombolytic therapy with rt-PA and transcranial color Doppler ultrasound (TCCS) combined with microbubbles for embolic thrombus. <i>Thrombosis Research</i> , 2015, 136, 1027-1032.	0.8	10
46	Sodium arsenite down-regulates the expression of X-linked inhibitor of apoptosis protein via translational and post-translational mechanisms in hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 721-726.	1.0	9
47	The CREB-binding protein inhibitor ICG-001: a promising therapeutic strategy in sporadic meningioma with NF2 mutations. <i>Neuro-Oncology Advances</i> , 2020, 2, vdz055.	0.4	9
48	Molecular landscape of IDH wild type, pTERT wild type adult glioblastomas. <i>Brain Pathology</i> , 2022, 32, .	2.1	9
49	Effects of sperm DNA damage on the levels of RAD51 and p53 proteins in zygotes and 2-cell embryos sired by golden hamsters without the major accessory sex glands. <i>Free Radical Biology and Medicine</i> , 2012, 53, 885-892.	1.3	8
50	Microfluidics for rapid detection of isocitrate dehydrogenase 1 mutation for intraoperative application. <i>Journal of Neurosurgery</i> , 2016, 124, 1611-1618.	0.9	8
51	Emerging From the “Fluctuating in Adjusting With Breast Cancer” A Post-Traumatic Growth Theory Situated Within Chinese Culture. <i>Qualitative Health Research</i> , 2020, 30, 1674-1683.	1.0	7
52	IQGAP1 Mediates Hcp1-Promoted Escherichia coli Meningitis by Stimulating the MAPK Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 132.	1.8	6
53	Prohibitin (PHB) interacts with AKT in mitochondria to coordinately modulate sperm motility. <i>Asian Journal of Andrology</i> , 2020, 22, 583.	0.8	6
54	Molecular subgrouping of medulloblastoma based on few-shot learning of multitasking using conventional MR images: a retrospective multicenter study. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa079.	0.4	5

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55	Asthmatic Airway Vagal Hypertonia Involves Chloride Dyshomeostasis of Preganglionic Neurons in Rats. <i>Frontiers in Neuroscience</i> , 2020, 14, 31.	1.4	5
56	Clinical Parameters of Silent Corticotroph Adenomas With Positive and Negative Adrenocorticotrophic Hormone Immunostaining: A Large Retrospective Single-Center Study of 105 Cases. <i>Frontiers in Endocrinology</i> , 2020, 11, 608691.	1.5	5
57	In utero repair of fetal rat myelomeningocele affects neuromuscular development in the bladder. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3681-3687.	0.8	5
58	Mass spectrometry-based cortisol profiling during adrenal venous sampling reveals misdiagnosis for subtyping primary aldosteronism. <i>Clinical Endocrinology</i> , 2022, 96, 680-689.	1.2	5
59	Asthmatic Augmentation of Airway Vagal Activity Involves Decreased Central Expression and Activity of CD73 in Rats. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2809-2822.	1.7	4
60	<i>Transforming their lives</i> : Post-traumatic growth experience in Chinese women with breast cancer - A grounded theory study. <i>Health Care for Women International</i> , 2024, 45, 286-300.	0.6	4
61	TERT Alterations Predict Tumor Progression in De Novo High-Grade Meningiomas Following Adjuvant Radiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 747592.	1.3	4
62	Awake Transcortical Approach Resection of Dominant Posterior Cingulate Gyrus Glioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E19-E20.	0.4	3
63	Combinations of Single-Gene Biomarkers Can Precisely Stratify 1,028 Adult Gliomas for Prognostication. <i>Frontiers in Oncology</i> , 2022, 12, 839302.	1.3	3
64	Intraoperative awake brain mapping and multimodal image-guided resection of dominant side insular glioma. <i>Neurosurgical Focus</i> , 2018, 45, V2.	1.0	2
65	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
66	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
67	Distinct clinical outcome of microcystic meningioma as a WHO grade 1 meningioma subtype. <i>Journal of Neuro-Oncology</i> , 2023, 161, 193-202.	1.4	2
68	Orexin-A Excites Airway Vagal Preganglionic Neurons via Activation of Orexin Receptor Type 1 and Type 2 in Rats. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 478.	1.8	1
69	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
70	Recommendation to improve the WHO classification of posterior pituitary tumors as a unique entity: evidence from a large case series. <i>Endocrine Connections</i> , 2022, , .	0.8	1
71	Safety of thrombolytic therapy with rt-PA and transcranial color Doppler ultrasound (TCCS) combined with microbubbles: A histopathologic study on rabbit brain tissues. <i>Clinical Neurology and Neurosurgery</i> , 2015, 131, 11-17.	0.6	0
72	Could upfront temozolomide chemotherapy postpone the need for radiotherapy in young patients with high-risk low-grade gliomas?. <i>Chinese Medical Journal</i> , 2021, 134, 1356-1358.	0.9	0

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73	PATH-32. CLINICAL AND MUTATIONAL PROFILES OF ADULT MEDULLOBLASTOMA GROUPS. <i>Neuro-Oncology</i> , 2020, 22, ii171-ii171.	0.6	0
74	PATH-23. GENOMIC LANDSCAPE OF IDH-MUTANT PRIMARY GLIOBLASTOMAS SHOWS DISTINCT CLINICAL AND MOLECULAR FEATURES AND THAT CDKN2A SHOULD BE SUPPLEMENTED WITH MGMTp AND G-CIMP FOR PRECISE PROGNOSTICATION. <i>Neuro-Oncology</i> , 2020, 22, ii169-ii169.	0.6	0
75	Molecular landscape of IDH-wild-type, H3-wild-type glioblastomas of adolescents and young adults. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	0