

Chuzhong Li

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,261
citations

430874

18
h-index

501196

28
g-index

104
all docs

104
docs citations

104
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive radiomics approach potentially predicts non-functioning pituitary adenomas subtypes before surgery. <i>European Radiology</i> , 2018, 28, 3692-3701.	4.5	58
2	Whole genome sequencing of skull-base chordoma reveals genomic alterations associated with recurrence and chordoma-specific survival. <i>Nature Communications</i> , 2021, 12, 757.	12.8	55
3	Classification and surgical approaches for transnasal endoscopic skull base chordoma resection: a 6-year experience with 161 cases. <i>Neurosurgical Review</i> , 2016, 39, 321-333.	2.4	43
4	Functions and Mechanisms of Tumor Necrosis Factor- α and Noncoding RNAs in Bone-Invasive Pituitary Adenomas. <i>Clinical Cancer Research</i> , 2018, 24, 5757-5766.	7.0	43
5	The role of FSCN1 in migration and invasion of pituitary adenomas. <i>Molecular and Cellular Endocrinology</i> , 2016, 419, 217-224.	3.2	40
6	Somatic SF3B1 hotspot mutation in prolactinomas. <i>Nature Communications</i> , 2020, 11, 2506.	12.8	38
7	The role of TGF- β /Smad signaling in dopamine agonist-resistant prolactinomas. <i>Molecular and Cellular Endocrinology</i> , 2015, 402, 64-71.	3.2	34
8	Lower PRDM2 expression is associated with dopamine-agonist resistance and tumor recurrence in prolactinomas. <i>BMC Cancer</i> , 2015, 15, 272.	2.6	34
9	Surgical resection of unilateral thalamic tumors in adults: approaches and outcomes. <i>BMC Neurology</i> , 2015, 15, 229.	1.8	32
10	EGFL7 participates in regulating biological behavior of growth hormone-secreting pituitary adenomas via Notch2/DLL3 signaling pathway. <i>Tumor Biology</i> , 2017, 39, 101042831770620.	1.8	32
11	DAPT, a β -Secretase Inhibitor, Suppresses Tumorigenesis, and Progression of Growth Hormone-Producing Adenomas by Targeting Notch Signaling. <i>Frontiers in Oncology</i> , 2019, 9, 809.	2.8	31
12	A modified endovascular treatment protocol for iatrogenic internal carotid artery injuries following endoscopic endonasal surgery. <i>Journal of Neurosurgery</i> , 2020, 132, 343-350.	1.6	31
13	Long non-coding RNA C5orf66-AS1 is downregulated in pituitary null cell adenomas and is associated with their invasiveness. <i>Oncology Reports</i> , 2017, 38, 1140-1148.	2.6	30
14	Integration of Proteomics and Metabolomics Revealed Metabolite-Protein Networks in ACTH-Secreting Pituitary Adenoma. <i>Frontiers in Endocrinology</i> , 2018, 9, 678.	3.5	25
15	Structural and Functional Alterations in the Contralateral Medial Temporal Lobe in Glioma Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 10.	2.8	23
16	Genome-wide analysis of differentially expressed lncRNAs and mRNAs in primary gonadotrophin adenomas by RNA-seq. <i>Oncotarget</i> , 2017, 8, 4595-4606.	1.8	23
17	Assessment of endoscopic treatment for quadrigeminal cistern arachnoid cysts: A 7-year experience with 28 cases. <i>Child's Nervous System</i> , 2016, 32, 647-654.	1.1	21
18	Differences in Dural Penetration of Clival Chordomas Are Associated with Different Prognosis and Expression of Platelet-Derived Growth Factor Receptor- β . <i>World Neurosurgery</i> , 2017, 98, 288-295.	1.3	21

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19	Upregulation of cyclin B1 plays potential roles in the invasiveness of pituitary adenomas. <i>Journal of Clinical Neuroscience</i> , 2017, 43, 267-273.	1.5	20
20	Up-regulation of the expressions of MiR-149-5p and MiR-99a-3p in exosome inhibits the progress of pituitary adenomas. <i>Cell Biology and Toxicology</i> , 2021, 37, 633-651.	5.3	20
21	Identification of Differentially Expressed Genes in Pituitary Adenomas by Integrating Analysis of Microarray Data. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	1.5	19
22	Analysis of clinical factors and PDGFR- β in predicting prognosis of patients with clival chordoma. <i>Journal of Neurosurgery</i> , 2018, 129, 1429-1437.	1.6	19
23	Circular RNA In Invasive and Recurrent Clinical Nonfunctioning Pituitary Adenomas: Expression Profiles and Bioinformatic Analysis. <i>World Neurosurgery</i> , 2018, 117, e371-e386.	1.3	19
24	Overexpression of the cell adhesion molecule claudin-9 is associated with invasion in pituitary oncocytomas. <i>Human Pathology</i> , 2014, 45, 2423-2429.	2.0	18
25	Analysis of Ki67, HMGA1, MDM2, and RB expression in nonfunctioning pituitary adenomas. <i>Journal of Neuro-Oncology</i> , 2017, 132, 199-206.	2.9	18
26	Clinical Features and Prognostic Factors of Children and Adolescents with Clival Chordomas. <i>World Neurosurgery</i> , 2017, 98, 323-328.	1.3	17
27	Enhancement of mitochondrial biogenesis and paradoxical inhibition of lactate dehydrogenase mediated by 14-3-3 σ in oncocytomas. <i>Journal of Pathology</i> , 2018, 245, 361-372.	4.5	17
28	Application of endoscopic third ventriculostomy for treating hydrocephalus-correlated Chiari type I malformation in a single Chinese neurosurgery centre. <i>Neurosurgical Review</i> , 2018, 41, 249-254.	2.4	17
29	CCNB1 affects cavernous sinus invasion in pituitary adenomas through the epithelial-mesenchymal transition. <i>Journal of Translational Medicine</i> , 2019, 17, 336.	4.4	16
30	Phosphorylation of kinase insert domain receptor by cyclin-dependent kinase 5 at serine 229 is associated with invasive behavior and poor prognosis in prolactin pituitary adenomas. <i>Oncotarget</i> , 2016, 7, 50883-50894.	1.8	16
31	SNF5 as a prognostic factor in skull base chordoma. <i>Journal of Neuro-Oncology</i> , 2018, 137, 139-146.	2.9	14
32	Smad3 and phospho-Smad3 are potential markers of invasive nonfunctioning pituitary adenomas. <i>OncoTargets and Therapy</i> , 2016, 9, 2265.	2.0	13
33	Global expression profile of tumor stem-like cells isolated from MMQ rat prolactinoma cell. <i>Cancer Cell International</i> , 2017, 17, 15.	4.1	13
34	Increased β -catenin and c-myc expression predict aggressive growth of non-functioning pituitary adenomas: An assessment using a tissue microarray-based approach. <i>Molecular Medicine Reports</i> , 2017, 15, 1793-1799.	2.4	13
35	Mid-term follow-up surgical results in 284 cases of clival chordomas: the risk factors for outcome and tumor recurrence. <i>Neurosurgical Review</i> , 2022, 45, 1451-1462.	2.4	13
36	Alterations of regional homogeneity and functional connectivity in pituitary adenoma patients with visual impairment. <i>Scientific Reports</i> , 2017, 7, 13074.	3.3	12

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37	Identification of a novel somatic mutation of <i>POU6F2</i> by whole-genome sequencing in prolactinoma. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e1022.	1.2	12
38	Mean platelet volume and platelet distribution width serve as prognostic biomarkers in skull base chordoma: a retrospective study. <i>BMC Cancer</i> , 2020, 20, 988.	2.6	11
39	LncRNA PCAT6 regulates the progression of pituitary adenomas by regulating the miR-139-3p/BRD4 axis. <i>Cancer Cell International</i> , 2021, 21, 14.	4.1	11
40	A nomogram to predict the progression-free survival of clival chordoma. <i>Journal of Neurosurgery</i> , 2021, 134, 144-152.	1.6	11
41	The SF3B1R625H mutation promotes prolactinoma tumor progression through aberrant splicing of DLG1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 26.	8.6	11
42	The clinical characteristics and molecular mechanism of pituitary adenoma associated with meningioma. <i>Journal of Translational Medicine</i> , 2019, 17, 354.	4.4	10
43	The Apoptosis Regulator 14-3-3 σ and Its Potential as a Therapeutic Target in Pituitary Oncocytoma. <i>Frontiers in Endocrinology</i> , 2019, 10, 797.	3.5	10
44	A circRNA signature predicts tumour recurrence in clinical non-functioning pituitary adenoma. <i>Oncology Reports</i> , 2018, 41, 113-124.	2.6	9
45	Metabolic profiling reveals distinct metabolic alterations in different subtypes of pituitary adenomas and confers therapeutic targets. <i>Journal of Translational Medicine</i> , 2019, 17, 291.	4.4	9
46	Prognostic Value of Cumulative Score Based on Preoperative Fibrinogen and Albumin Level in Skull Base Chordoma. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 8337-8346.	2.0	9
47	JAG1, Regulated by microRNA-424-3p, Involved in Tumorigenesis and Epithelial-Mesenchymal Transition of High Proliferative Potential-Pituitary Adenomas. <i>Frontiers in Oncology</i> , 2020, 10, 567021.	2.8	9
48	Proteomics Analysis Identified ASNS as a Novel Biomarker for Predicting Recurrence of Skull Base Chordoma. <i>Frontiers in Oncology</i> , 2021, 11, 698497.	2.8	9
49	Loss of SMARCB1 promotes autophagy and facilitates tumour progression in chordoma by transcriptionally activating ATG5. <i>Cell Proliferation</i> , 2021, 54, e13136.	5.3	9
50	Predictive Value of Transforming Growth Factor- β and Ki-67 for the Prognosis of Skull Base Chordoma. <i>World Neurosurgery</i> , 2019, 129, e199-e206.	1.3	8
51	The Functional Reorganization of Language Network Modules in Glioma Patients: New Insights From Resting State fMRI Study. <i>Frontiers in Oncology</i> , 2021, 11, 617179.	2.8	8
52	Identifying critical protein-coding genes and long non-coding RNAs in non-functioning pituitary adenoma recurrence. <i>Oncology Letters</i> , 2021, 21, 264.	1.8	8
53	The role of serum growth hormone and insulin-like growth factor-1 in adult humans brain morphology. <i>Aging</i> , 2020, 12, 1377-1396.	3.1	8
54	Structural plasticity of the bilateral hippocampus in glioma patients. <i>Aging</i> , 2020, 12, 10259-10274.	3.1	8

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55	Intraoperative Hemorrhage in Ventriculoscopic Surgery: Experience of a Single Chinese Neurosurgery Center. <i>World Neurosurgery</i> , 2016, 88, 548-551.	1.3	7
56	Solitary subdural osteoma: A case report and literature review. <i>Oncology Letters</i> , 2016, 12, 1023-1026.	1.8	7
57	Aberrant Expression of Extracellular Signal-Regulated Kinase and 15-Hydroxyprostaglandin Dehydrogenase Indicates Radiation Resistance and Poor Prognosis for Patients with Clival Chordomas. <i>World Neurosurgery</i> , 2018, 115, e146-e151.	1.3	7
58	Immunohistochemical Study of NR2C2, BTG2, TBX19, and CDK2 Expression in 31 Paired Primary/Recurrent Nonfunctioning Pituitary Adenomas. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-8.	1.5	7
59	Differential Diagnosis and Treatment Modality of Parasellar Plasmacytoma: Clinical Series and Literature Review. <i>World Neurosurgery</i> , 2019, 122, e978-e988.	1.3	7
60	Expression of Cyclin E/Cdk2/p27Kip1 in Growth Hormone Adenomas. <i>World Neurosurgery</i> , 2019, 121, e45-e53.	1.3	7
61	Genomic and transcriptomic analysis of pituitary adenomas reveals the impacts of copy number variations on gene expression and clinical prognosis among prolactin-secreting subtype. <i>Aging</i> , 2021, 13, 1276-1293.	3.1	7
62	Effects of fulvestrant, an estrogen receptor antagonist, on MMQ cells and its mechanism. <i>Neuroendocrinology Letters</i> , 2009, 30, 268-74.	0.2	7
63	Feasibility of endoscopic endonasal resection of intrinsic third ventricular craniopharyngioma in adults. <i>Neurosurgical Review</i> , 2022, 45, 1-13.	2.4	7
64	Attenuation of EGFL7 Expression Inhibits Growth Hormone-Producing Pituitary Adenomas Growth and Invasion. <i>Human Gene Therapy</i> , 2018, 29, 1396-1406.	2.7	6
65	Neuroendoscopic Fenestration for Entrapped Temporal Horn After Surgery: Report of 3 Cases. <i>World Neurosurgery</i> , 2018, 112, 77-80.	1.3	6
66	Screening and Identification of Key Microenvironment-Related Genes in Non-functioning Pituitary Adenoma. <i>Frontiers in Genetics</i> , 2021, 12, 627117.	2.3	6
67	Endoscopic Endonasal Surgical Strategy for Skull Base Chordomas Based on Tumor Growth Directions: Surgical Outcomes of 167 Patients During 3 Years. <i>Frontiers in Oncology</i> , 2021, 11, 724972.	2.8	6
68	Radiomic Features on Multiparametric MRI for Preoperative Evaluation of Pituitary Macroadenomas Consistency: Preliminary Findings. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1491-1503.	3.4	6
69	Brain Morphometric and Functional Magnetic Resonance Imaging Study on Patients with Visual Field Defects Resulting from Suprasellar Tumors: Preoperative and Postoperative Assessment. <i>World Neurosurgery</i> , 2020, 134, e353-e359.	1.3	5
70	MRI Signal Intensity and Electron Ultrastructure Classification Predict the Long-Term Outcome of Skull Base Chordomas. <i>American Journal of Neuroradiology</i> , 2020, 41, 852-858.	2.4	5
71	Clinical Implication of Systemic Immune-Inflammation Index and Prognostic Nutritional Index in Skull Base Chordoma Patients. <i>Frontiers in Oncology</i> , 2021, 11, 548325.	2.8	5
72	CDKN2A (p16INK4A) affects the anti-tumor effect of CDK inhibitor in somatotroph adenomas. <i>International Journal of Molecular Medicine</i> , 2020, 47, 500-510.	4.0	5

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73	A Series of 62 Skull Base Chordomas in Pediatric and Adolescent Patients: Clinical Characteristics, Treatments, and Outcomes. <i>Neurology India</i> , 2020, 68, 1030.	0.4	5
74	Prognostic Value of a Category Based on Electron Microscopic Features of Clival Chordomas. <i>World Neurosurgery</i> , 2017, 99, 282-287.	1.3	4
75	P21Waf1/Cip1 and p27Kip1 are correlated with the development and invasion of prolactinoma. <i>Journal of Neuro-Oncology</i> , 2018, 136, 485-494.	2.9	4
76	Association of TGF- β 1 and WIF1 Expression with 36 Paired Primary/Recurrent Nonfunctioning Pituitary Adenomas: A High-Throughput Tissue Microarrays Immunohistochemical Study. <i>World Neurosurgery</i> , 2018, 119, e23-e31.	1.3	4
77	Increased resting-state functional connectivity in suprasellar tumor patients with postoperative visual improvement. <i>International Journal of Medical Sciences</i> , 2019, 16, 1245-1253.	2.5	4
78	Application of endoscopic endonasal approach in skull base surgeries: summary of 1886 cases in a single center for 10 consecutive years. <i>Chinese Neurosurgical Journal</i> , 2020, 6, 21.	0.9	4
79	Expression of Transforming Growth Factor β 1, Smad3, and Phospho-Smad3 in Somatotropinomas and Their Relationship to Tumor Behavior. <i>World Neurosurgery</i> , 2021, 153, e20-e27.	1.3	4
80	Endoscopic Endonasal Transsphenoidal Surgery for Recurrent Craniopharyngiomas. <i>Frontiers in Neurology</i> , 2022, 13, 847418.	2.4	4
81	Assessment of sFRP4 as a bio-marker for predicting aggressiveness and recurrence of growth hormone-secreting pituitary adenomas. <i>Oncology Reports</i> , 2016, 35, 2991-2999.	2.6	3
82	Epithelial-Mesenchymal Transition Induced by SMAD4 Activation in Invasive Growth Hormone-Secreting Adenomas. <i>Open Chemistry</i> , 2018, 16, 571-582.	1.9	3
83	The clinical features, recurrence risks and surgical strategies of bone invasive pituitary adenomas. <i>Clinical Neurology and Neurosurgery</i> , 2021, 201, 106455.	1.4	3
84	Predicting the location of the preoptic and anterior hypothalamic region by visualizing the thermoregulatory center on fMRI in craniopharyngioma using cold and warm stimuli. <i>Aging</i> , 2021, 13, 10087-10098.	3.1	3
85	LncRNA and mRNA expression profiles reveal the potential roles of lncRNA contributing to regulating dural penetration in clival chordoma. <i>Aging</i> , 2020, 12, 10809-10826.	3.1	3
86	Clinical Analysis of Risk Factors of Postoperative Psychiatric Disorders in Patients With Adult Craniopharyngioma. <i>Frontiers in Neurology</i> , 2021, 12, 754349.	2.4	3
87	Use of micro-positron emission tomography with 18F-fallypride to measure the levels of dopamine receptor-D2 and 18F-FDG as molecular imaging tracer in the pituitary glands and prolactinomas of Fischer-344 rats. <i>OncoTargets and Therapy</i> , 2016, 9, 2057.	2.0	2
88	In Vivo Characterization of Cortical and White Matter Microstructural Pathology in Growth Hormone-Secreting Pituitary Adenoma. <i>Frontiers in Oncology</i> , 2021, 11, 641359.	2.8	2
89	Clinical and Radiologic Characteristics, Surgical Outcomes, and Its Possible Origins of Chondroma of the Dural Convexity. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	2
90	Functional characterization of DLK1/MEG3 locus on chromosome 14q32.2 reveals the differentiation of pituitary neuroendocrine tumors. <i>Aging</i> , 2021, 13, 1422-1439.	3.1	2

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91	High Red Cell Distribution Width Independently Predicts Adverse Survival in Patients with Newly Diagnosed Skull Base Chordoma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 5435-5445.	2.0	2
92	Anti-EGFL7 antibodies inhibit rat prolactinoma MMQ cells proliferation and PRL secretion. <i>Open Chemistry</i> , 2018, 16, 621-626.	1.9	1
93	Contra-hemispheric Cortex Predicts Survival and Molecular Markers in Patients With Unilateral High-Grade Gliomas. <i>Frontiers in Oncology</i> , 2020, 10, 953.	2.8	1
94	Effects of fulvestrant on biological activity and Wnt expression in rat GH3 cells. <i>Neural Regeneration Research</i> , 2012, 7, 283-9.	3.0	1
95	Prognostic Utility of Optical Coherence Tomography for Visual Outcome After Extended Endoscopic Endonasal Surgery for Adult Craniopharyngiomas. <i>Frontiers in Oncology</i> , 2021, 11, 764582.	2.8	1
96	The clinical application of intraoperative visual evoked potential in recurrent craniopharyngiomas resected by extended endoscopic endonasal surgery. <i>Clinical Neurology and Neurosurgery</i> , 2022, 214, 107149.	1.4	1
97	Phosphorylation of Pit-1 by cyclin-dependent kinase 5 at serine 126 is associated with cell proliferation and poor prognosis in prolactinomas. <i>Open Chemistry</i> , 2021, 19, 785-793.	1.9	0
98	Prediction of Post-operative Visual Deterioration Using Visual-Evoked Potential Latency in Extended Endoscopic Endonasal Resection of Craniopharyngiomas. <i>Frontiers in Neurology</i> , 2021, 12, 753902.	2.4	0