Songbai Gui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1059428/publications.pdf

Version: 2024-02-01

56 papers	744 citations	623574 14 h-index	677027 22 g-index
59 all docs	59 docs citations	59 times ranked	799 citing authors

#	Article	IF	Citations
1	Highly Permeable DNA Supramolecular Hydrogel Promotes Neurogenesis and Functional Recovery after Completely Transected Spinal Cord Injury. Advanced Materials, 2021, 33, e2102428.	11.1	85
2	Whole genome sequencing of skull-base chordoma reveals genomic alterations associated with recurrence and chordoma-specific survival. Nature Communications, 2021, 12, 757.	5.8	55
3	Classification and surgical approaches for transnasal endoscopic skull base chordoma resection: a 6-year experience with 161 cases. Neurosurgical Review, 2016, 39, 321-333.	1.2	43
4	In Situ Formation of Covalent Second Network in a DNA Supramolecular Hydrogel and Its Application for 3D Cell Imaging. ACS Applied Materials & Interfaces, 2020, 12, 4185-4192.	4.0	37
5	Surgical resection of unilateral thalamic tumors in adults: approaches and outcomes. BMC Neurology, 2015, 15, 229.	0.8	32
6	Whole-exome sequencing identifies variants in invasive pituitary adenomas. Oncology Letters, 2016, 12, 2319-2328.	0.8	26
7	Structural and Functional Alterations in the Contralesional Medial Temporal Lobe in Glioma Patients. Frontiers in Neuroscience, 2020, 14, 10.	1.4	23
8	Assessment of endoscopic treatment for quadrigeminal cistern arachnoid cysts: A 7-year experience with 28 cases. Child's Nervous System, 2016, 32, 647-654.	0.6	21
9	Differences in Dural Penetration of Clival Chordomas Are Associated with Different Prognosis and Expression of Platelet-Derived Growth Factor Receptor-Î². World Neurosurgery, 2017, 98, 288-295.	0.7	21
10	Up-regulation of the expressions of MiR-149-5p and MiR-99a-3p in exosome inhibits the progress of pituitary adenomas. Cell Biology and Toxicology, 2021, 37, 633-651.	2.4	20
11	Identification of Differentially Expressed Genes in Pituitary Adenomas by Integrating Analysis of Microarray Data. International Journal of Endocrinology, 2015, 2015, 1-7.	0.6	19
12	Analysis of clinical factors and PDGFR-Î² in predicting prognosis of patients with clival chordoma. Journal of Neurosurgery, 2018, 129, 1429-1437.	0.9	19
13	Clinical Features and Prognostic Factors of Children and Adolescents with Clival Chordomas. World Neurosurgery, 2017, 98, 323-328.	0.7	17
14	Application of endoscopic third ventriculostomy for treating hydrocephalus-correlated Chiari type I malformation in a single Chinese neurosurgery centre. Neurosurgical Review, 2018, 41, 249-254.	1.2	17
15	Role of EGFL7/EGFR-signaling pathway in migration and invasion of growth hormone-producing pituitary adenomas. Science China Life Sciences, 2018, 61, 893-901.	2.3	16
16	CircNFIX promotes progression of pituitary adenoma via CCNB1 by sponging miR-34a -5p. Molecular and Cellular Endocrinology, 2021, 525, 111140.	1.6	15
17	SNF5 as a prognostic factor in skull base chordoma. Journal of Neuro-Oncology, 2018, 137, 139-146.	1.4	14
18	Surgical Management of Brainstem Cavernous Malformation: Report of 67 Patients. World Neurosurgery, 2019, 122, e1162-e1171.	0.7	14

#	Article	IF	Citations
19	Global expression profile of tumor stem-like cells isolated from MMQ rat prolactinoma cell. Cancer Cell International, 2017, 17, 15.	1.8	13
20	Non-Invasive Radiomics Approach Predict Invasiveness of Adamantinomatous Craniopharyngioma Before Surgery. Frontiers in Oncology, 2020, 10, 599888.	1.3	13
21	Research advances on the immune research and prospect of immunotherapy in pituitary adenomas. World Journal of Surgical Oncology, 2021, 19, 162.	0.8	13
22	Mid-term follow-up surgical results in 284 cases of clival chordomas: the risk factors for outcome and tumor recurrence. Neurosurgical Review, 2022, 45, 1451-1462.	1.2	13
23	Alterations of regional homogeneity and functional connectivity in pituitary adenoma patients with visual impairment. Scientific Reports, 2017, 7, 13074.	1.6	12
24	LncRNA PCAT6 regulates the progression of pituitary adenomas by regulating the miR-139-3p/BRD4 axis. Cancer Cell International, 2021, 21, 14.	1.8	11
25	Endoscopic treatment of convexity arachnoid cysts. Child's Nervous System, 2013, 29, 505-508.	0.6	9
26	Proteomics Analysis Identified ASNS as a Novel Biomarker for Predicting Recurrence of Skull Base Chordoma. Frontiers in Oncology, 2021, 11, 698497.	1.3	9
27	The intestinal flora of patients with GHPA affects the growth and the expression of PD-L1 of tumor. Cancer Immunology, Immunotherapy, 2022, 71, 1233-1245.	2.0	9
28	Predictive Value of Transforming Growth Factor-Î± and Ki-67 for the Prognosis of Skull Base Chordoma. World Neurosurgery, 2019, 129, e199-e206.	0.7	8
29	High-Dose Neural Stem/Progenitor Cell Transplantation Increases Engraftment and Neuronal Distribution and Promotes Functional Recovery in Rats after Acutely Severe Spinal Cord Injury. Stem Cells International, 2019, 2019, 1-17.	1.2	8
30	Suprasellar arachnoid cysts: systematic analysis of 247 cases with long-term follow-up. Neurosurgical Review, 2021, 44, 2755-2765.	1.2	8
31	The Functional Reorganization of Language Network Modules in Glioma Patients: New Insights From Resting State fMRI Study. Frontiers in Oncology, 2021, 11, 617179.	1.3	8
32	The role of serum growth hormone and insulin-like growth factor-1 in adult humans brain morphology. Aging, 2020, 12, 1377-1396.	1.4	8
33	Structural plasticity of the bilateral hippocampus in glioma patients. Aging, 2020, 12, 10259-10274.	1.4	8
34	Expanded Transsphenoidal Trans-Lamina Terminalis Approach to Tumors Extending Into the Third Ventricle: Technique Notes and a Single Institute Experience. Frontiers in Oncology, 2021, 11, 761281.	1.3	8
35	Intraoperative Hemorrhage in Ventriculoscopic Surgery: Experience of a Single Chinese Neurosurgery Center. World Neurosurgery, 2016, 88, 548-551.	0.7	7
36	Solitary subdural osteoma: A case report and literature review. Oncology Letters, 2016, 12, 1023-1026.	0.8	7

#	Article	IF	Citations
37	Differential Diagnosis and Treatment Modality of Parasellar Plasmacytoma: Clinical Series and Literature Review. World Neurosurgery, 2019, 122, e978-e988.	0.7	7
38	Genomic and transcriptomic analysis of pituitary adenomas reveals the impacts of copy number variations on gene expression and clinical prognosis among prolactin-secreting subtype. Aging, 2021, 13, 1276-1293.	1.4	7
39	Feasibility of endoscopic endonasal resection of intrinsic third ventricular craniopharyngioma in adults. Neurosurgical Review, 2022, 45, 1-13.	1.2	7
40	Endoscopic Endonasal Surgical Strategy for Skull Base Chordomas Based on Tumor Growth Directions: Surgical Outcomes of 167 Patients During 3 Years. Frontiers in Oncology, 2021, 11, 724972.	1.3	6
41	Brain Morphometric and Functional Magnetic Resonance Imaging Study on Patients with Visual Field Defects Resulting from Suprasellar Tumors: Preoperative and Postoperative Assessment. World Neurosurgery, 2020, 134, e353-e359.	0.7	5
42	Immune Checkpoints: Therapeutic Targets for Pituitary Tumors. Disease Markers, 2021, 2021, 1-7.	0.6	5
43	A Series of 62 Skull Base Chordomas in Pediatric and Adolescent Patients: Clinical Characteristics, Treatments, and Outcomes. Neurology India, 2020, 68, 1030.	0.2	5
44	Prognostic Value of a Category Based on Electron Microscopic Features of Clival Chordomas. World Neurosurgery, 2017, 99, 282-287.	0.7	4
45	Expression of Transforming Growth Factor Î²1, Smad3, and Phospho-Smad3 in Somatotropinomas and Their Relationship to Tumor Behavior. World Neurosurgery, 2021, 153, e20-e27.	0.7	4
46	Endoscopic Endonasal Transsphenoidal Surgery for Recurrent Craniopharyngiomas. Frontiers in Neurology, 2022, 13, 847418.	1.1	4
47	The clinical features, recurrence risks and surgical strategies of bone invasive pituitary adenomas. Clinical Neurology and Neurosurgery, 2021, 201, 106455.	0.6	3
48	Predicting the location of the preoptic and anterior hypothalamic region by visualizing the thermoregulatory center on fMRI in craniopharyngioma using cold and warm stimuli. Aging, 2021, 13, 10087-10098.	1.4	3
49	LncRNA and mRNA expression profiles reveal the potential roles of lncRNA contributing to regulating dural penetration in clival chordoma. Aging, 2020, 12, 10809-10826.	1.4	3
50	Clinical Analysis of Risk Factors of Postoperative Psychiatric Disorders in Patients With Adult Craniopharyngioma. Frontiers in Neurology, 2021, 12, 754349.	1.1	3
51	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. OncoTargets and Therapy, 2016, 9, 2057.	1.0	2
52	In Vivo Characterization of Cortical and White Matter Microstructural Pathology in Growth Hormone-Secreting Pituitary Adenoma. Frontiers in Oncology, 2021, 11, 641359.	1.3	2
53	Anti-EGFL7 antibodies inhibit rat prolactinoma MMQ cells proliferation and PRL secretion. Open Chemistry, 2018, 16, 621-626.	1.0	1
54	Contrahemispheric Cortex Predicts Survival and Molecular Markers in Patients With Unilateral High-Grade Gliomas. Frontiers in Oncology, 2020, 10, 953.	1.3	1

#	Article	IF	Citations
55	Prognostic Utility of Optical Coherence Tomography for Visual Outcome After Extended Endoscopic Endonasal Surgery for Adult Craniopharyngiomas. Frontiers in Oncology, 2021, 11, 764582.	1.3	1
56	The clinical application of intraoperative visual evoked potential in recurrent craniopharyngiomas resected by extended endoscopic endonasal surgery. Clinical Neurology and Neurosurgery, 2022, 214, 107149.	0.6	1