Xinjie Bao

List of Publications by Year
in descending order

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81 papers	1,557 citations	304368 22 h-index	377514 34 g-index
84 all docs	84 docs citations	84 times ranked	2055 citing authors

#	Article	IF	Citations
1	Surgical outcome of transsphenoidal surgery in Cushingâ€™s disease: a case series of 1106 patients from a single center over 30 years. Endocrine, 2022, 75, 219-227.	1.1	8
2	METTL3-mediated RNA m6A Hypermethylation Promotes Tumorigenesis and GH Secretion of Pituitary Somatotroph Adenomas. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 136-149.	1.8	8
3	Determinants of immediate and long-term remission after initial transsphenoidal surgery for acromegaly and outcome patterns during follow-up: a longitudinal study on 659 patients. Journal of Neurosurgery, 2022, 137, 618-628.	0.9	9
4	Diagnosis of invasive non-functional pituitary adenomas using exosomal biomarkers. Clinica Chimica Acta, 2022, 529, 25-33.	0.5	3
5	Transsphenoidal Surgery of Corticotroph Adenomas With Cavernous Sinus Invasion: Results in a Series of 86 Consecutive Patients. Frontiers in Oncology, 2022, 12, 810234.	1.3	0
6	Multi-Omics Investigations Revealed Underlying Molecular Mechanisms Associated With Tumor Stiffness and Identified Sunitinib as a Potential Therapy for Reducing Stiffness in Pituitary Adenomas. Frontiers in Cell and Developmental Biology, 2022, 10, 820562.	1.8	1
7	Predictors of Immediate Remission after Surgery in Cushingâ€™s Disease Patients: A Large Retrospective Study from a Single Center. Neuroendocrinology, 2021, 111, 1141-1150.	1.2	8
8	UPLC-MS/MS-based Lipidomic Profiles Revealed Aberrant Lipids Associated with Invasiveness of Silent Corticotroph Adenoma. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e273-e287.	1.8	3
9	Transcriptomic analysis identifies a tumor subtype mRNA classifier for invasive non-functioning pituitary neuroendocrine tumor diagnostics. Theranostics, 2021, 11, 132-146.	4.6	9
10	Development of Machine Learning Models for Predicting Postoperative Delayed Remission in Patients With Cushingâ€™s Disease. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e217-e231.	1.8	22
11	Effects of Subthalamic Deep Brain Stimulation With Different Frequencies in a Parkinsonian Rat Model. Neuromodulation, 2021, 24, 220-228.	0.4	4
12	Multiple myeloma complicated by skull plasmacytoma discovered after head injury. Journal of Integrative Neuroscience, 2021, 20, 459.	0.8	1
13	Surgical treatment of a 72-year-old patient with headache, hyponatremia and oculomotor nerve palsy: a case report and literature review. Gland Surgery, 2021, 10, 364-370.	0.5	2
14	Treatment and outcomes of recurrent/persistent Cushingâ€™s disease: a single-center experience. Annals of Palliative Medicine, 2021, 10, 2494-2504.	0.5	1
15	Clinical profiles of silent corticotroph adenomas compared with silent gonadotroph adenomas after adopting the 2017 WHO pituitary classification system. Pituitary, 2021, 24, 564-573.	1.6	13
16	Management of thyrotoxicosis occurring after surgery for Cushingâ€™s disease: a case series. Gland Surgery, 2021, 10, 1627-1637.	0.5	0
17	Coagulation disorders in patients with abnormal serum cortisol level. Chinese Medical Journal, 2021, Publish Ahead of Print, .	0.9	0
18	Suprasellar Mature Cystic Teratoma Mimicking Rathkeâ€™s Cleft Cyst: A Case Report and Systematic Review of the Literature. Frontiers in Endocrinology, 2021, 12, 731088.	1.5	2

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19	Diagnosis, Manifestations, Laboratory Investigations, and Prognosis in Pediatric and Adult Cushingâ€™s Disease in a Large Center in China. Frontiers in Endocrinology, 2021, 12, 749246.	1.5	5
20	Hyperprolactinemia and Hypopituitarism in Acromegaly and Effect of Pituitary Surgery: Long-Term Follow-up on 529 Patients. Frontiers in Endocrinology, 2021, 12, 807054.	1.5	5
21	Clinical and Therapeutic Characteristics of Pituitary TSH-Secreting Adenoma in Adolescent-Onset Patients: Six Case Studies and Literature Review. Frontiers in Endocrinology, 2021, 12, 771673.	1.5	2
22	An Update on Silent Corticotroph Adenomas: Diagnosis, Mechanisms, Clinical Features, and Management. Cancers, 2021, 13, 6134.	1.7	5
23	Stem-Cell Research of Parkinson Disease: Bibliometric Analysis of Research Productivity from 1999 to 2018. World Neurosurgery, 2020, 134, e405-e411.	0.7	9
24	Deep-Learning Approach to Automatic Identification of Facial Anomalies in Endocrine Disorders. Neuroendocrinology, 2020, 110, 328-337.	1.2	21
25	Development and assessment of machine learning algorithms for predicting remission after transsphenoidal surgery among patients with acromegaly. Endocrine, 2020, 67, 412-422.	1.1	29
26	Development and Interpretation of Multiple Machine Learning Models for Predicting Postoperative Delayed Remission of Acromegaly Patients During Long-Term Follow-Up. Frontiers in Endocrinology, 2020, 11, 643.	1.5	15
27	The Immune Profile of Pituitary Adenomas and a Novel Immune Classification for Predicting Immunotherapy Responsiveness. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3207-e3223.	1.8	30
28	Reversibility of Cardiac Involvement in Acromegaly Patients After Surgery: 12-Month Follow-up Using Cardiovascular Magnetic Resonance. Frontiers in Endocrinology, 2020, 11, 598948.	1.5	8
29	Gray Matter Alterations in Parkinson's Disease With Rapid Eye Movement Sleep Behavior Disorder: A Meta-Analysis of Voxel-Based Morphometry Studies. Frontiers in Aging Neuroscience, 2020, 12, 213.	1.7	7
30	Internal carotid artery injury in the endoscopic transsphenoidal surgery for pituitary adenoma: an uncommon case and literature review. Gland Surgery, 2020, 9, 1036-1041.	0.5	3
31	A 13â€Yearâ€Old Girl with Worsening Visual Function. Brain Pathology, 2020, 30, 423-424.	2.1	0
32	Cushing Syndrome Caused by Ectopic Adrenocorticotropic Hormoneâ€“Secreting Pituitary Adenomas: Case Report and Literature Review. World Neurosurgery, 2020, 142, 75-86.	0.7	5
33	Proteomic profiling of sclerotic hippocampus revealed dysregulated packaging of vesicular neurotransmitters in temporal lobe epilepsy. Epilepsy Research, 2020, 166, 106412.	0.8	10
34	Research trends of stem cells in ischemic stroke from 1999 to 2018: A bibliometric analysis. Clinical Neurology and Neurosurgery, 2020, 192, 105740.	0.6	21
35	Sleep quality in acromegaly and changes after transsphenoidal surgery: a prospective longitudinal study. Sleep Medicine, 2020, 67, 164-170.	0.8	6
36	Lipid Abnormalities in Patients With Cushingâ€™s Disease and Its Relationship With Impaired Glucose Metabolism. Frontiers in Endocrinology, 2020, 11, 600323.	1.5	6

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37	Reversibility of impaired brain structures after transsphenoidal surgery in Cushingâ€™s disease: a longitudinal study based on an artificial intelligenceâ€“assisted tool. Journal of Neurosurgery, 2020, , 1-10.	0.9	14
38	Genetic and Epigenetic Causes of Pituitary Adenomas. Frontiers in Endocrinology, 2020, 11, 596554.	1.5	27
39	Outcomes of Transsphenoidal Surgery in Cushing Disease Patients with Negative Pituitary Magnetic Resonance Imaging Findings: A Single-Center Experience. Endocrine Practice, 2020, 26, 1320-1330.	1.1	5
40	Preoperative Noninvasive Radiomics Approach Predicts Tumor Consistency in Patients With Acromegaly: Development and Multicenter Prospective Validation. Frontiers in Endocrinology, 2019, 10, 403.	1.5	37
41	Preoperative Somatostatin Analogues in Patients with Newly-diagnosed Acromegaly: A Systematic Review and Meta-analysis of Comparative Studies. Scientific Reports, 2019, 9, 14070.	1.6	16
42	Clinical Characteristics and Postoperative Recovery of Hypopituitarism in Patients with Nonfunctional Pituitary Adenoma. World Neurosurgery, 2019, 126, e1183-e1189.	0.7	17
43	Transsphenoidal versus Transcranial Approach for Treatment of Tuberculum Sellae Meningiomas: A Systematic Review and Meta-analysis of Comparative Studies. Scientific Reports, 2019, 9, 4882.	1.6	19
44	Preoperative Fasting C-Peptide Acts as a Promising Predictor of Improved Glucose Tolerance in Patients With Acromegaly After Transsphenoidal Surgery: A Retrospective Study of 64 Cases From a Large Pituitary Center in China. Frontiers in Endocrinology, 2019, 10, 736.	1.5	6
45	Proteome Profiling of Cerebral Vessels in Rhesus Macaques: Dysregulation of Antioxidant Activity and Extracellular Matrix Proteins Contributes to Cerebrovascular Aging in Rhesus Macaques. Frontiers in Aging Neuroscience, 2019, 11, 293.	1.7	8
46	Expression of EGFR in Pituitary Corticotroph Adenomas and Its Relationship With Tumor Behavior. Frontiers in Endocrinology, 2019, 10, 785.	1.5	14
47	Prediction of Recurrence after Transsphenoidal Surgery for Cushingâ€™s Disease: The Use of Machine Learning Algorithms. Neuroendocrinology, 2019, 108, 201-210.	1.2	44
48	Delayed Remission of Growth Hormone-Secreting Pituitary Adenoma After Transsphenoidal Adenectomy. World Neurosurgery, 2019, 122, e1137-e1145.	0.7	17
49	Clinical Features and Treatment of Secondary Pituitary Abscess After Transsphenoidal Surgery: A Retrospective Study of 23 Cases. World Neurosurgery, 2018, 113, e138-e145.	0.7	13
50	Risk Factors and Microbiology of Meningitis and/or Bacteremia After Transsphenoidal Surgery for Pituitary Adenoma. World Neurosurgery, 2018, 110, e851-e863.	0.7	20
51	Expression of Matrix Metalloproteinase-9, Pituitary Tumor Transforming Gene, High Mobility Group A 2, and Ki-67 in Adrenocorticotropic Hormoneâ€“Secreting Pituitary Tumors and Their Association with Tumor Recurrence. World Neurosurgery, 2018, 113, e213-e221.	0.7	20
52	Combination Treatment with Bromocriptine and Metformin in Patients with Bromocriptine-Resistant Prolactinomas: Pilot Study. World Neurosurgery, 2018, 115, 94-98.	0.7	29
53	Lymphocytic Hypophysitis Secondary to Ruptured Rathke Cleft Cyst: Case Report and Literature Review. World Neurosurgery, 2018, 114, 172-177.	0.7	14
54	Body mass index and insulin-like growth factor 1 as risk factors for discordant growth hormone and insulin-like growth factor 1Âlevels following pituitary surgery in acromegaly. Journal of the Formosan Medical Association, 2018, 117, 34-41.	0.8	14

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55	Tumour lateralization in Cushing's disease by inferior petrosal sinus sampling with desmopressin. Clinical Endocrinology, 2018, 88, 251-257.	1.2	30
56	Diagnosis and Outcomes of 341 Patients with Cushing's Disease Following Transsphenoid Surgery: A Single-Center Experience. World Neurosurgery, 2018, 109, e75-e80.	0.7	38
57	Invasive ACTH-secreting pituitary macroadenoma in remission after transsphenoidal resection. Medicine (United States), 2018, 97, e13148.	0.4	8
58	Secondary pituitary abscess following transsphenoidal surgery with recurrent meningitis. Medicine (United States), 2018, 97, e13458.	0.4	4
59	Conservative treatment cures an elderly pituitary apoplexy patient with oculomotor paralysis and optic nerve compression: a case report and systematic review of the literature. Clinical Interventions in Aging, 2018, Volume 13, 1981-1985.	1.3	6
60	Clinical PET Imaging of Microglial Activation: Implications for Microglial Therapeutics in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 314.	1.7	60
61	Metformin inhibits growth and prolactin secretion of pituitary prolactinoma cells and xenografts. Journal of Cellular and Molecular Medicine, 2018, 22, 6368-6379.	1.6	23
62	Multifaceted assessment of the APP/PS1 mouse model for Alzheimerâ€™s disease: Applying MRS, DTI, and ASL. Brain Research, 2018, 1698, 114-120.	1.1	16
63	Role of matrix Metalloproteinases in pituitary adenoma invasion. Chinese Neurosurgical Journal, 2018, 4, 2.	0.3	1
64	High-frequency repetitive transcranial magnetic stimulation for treating moderate traumatic brain injury in rats: A pilot study. Experimental and Therapeutic Medicine, 2017, 13, 2247-2254.	0.8	21
65	Intrastriatal Transplantation of Human Neural Stem Cells Restores the Impaired Subventricular Zone in Parkinsonian Mice. Stem Cells, 2017, 35, 1519-1531.	1.4	27
66	Microgliaâ€targeted stem cell therapies for Alzheimer disease: A preclinical data review. Journal of Neuroscience Research, 2017, 95, 2420-2429.	1.3	24
67	Pituitary abscess: clinical manifestations, diagnosis and treatment of 66 cases from a large pituitary center over 23Âyears. Pituitary, 2017, 20, 189-194.	1.6	53
68	O-6-Methylguanine-DNA methyltransferase expression is associated with pituitary adenoma tumor recurrence: a systematic meta-analysis. Oncotarget, 2017, 8, 19674-19683.	0.8	14
69	Human Neural Stem Cell Transplantation Rescues Cognitive Defects in APP/PS1 Model of Alzheimerâ€™s Disease by Enhancing Neuronal Connectivity and Metabolic Activity. Frontiers in Aging Neuroscience, 2016, 8, 282.	1.7	43
70	Neurogenesis-based epigenetic therapeutics for Alzheimer's disease (Review). Molecular Medicine Reports, 2016, 14, 1043-1053.	1.1	29
71	Experimental models of Alzheimer's disease for deciphering the pathogenesis and therapeutic screening (Review). International Journal of Molecular Medicine, 2016, 37, 271-283.	1.8	53
72	Quantitative protein profiling of hippocampus during human aging. Neurobiology of Aging, 2016, 39, 46-56.	1.5	68

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73	The Clinical Utility of TIMP3 Expression in ACTH-Secreting Pituitary Tumor. Journal of Molecular Neuroscience, 2016, 58, 137-144.	1.1	6
74	Extended transsphenoidal approach for pituitary adenomas invading the cavernous sinus using multiple complementary techniques. Pituitary, 2016, 19, 1-10.	1.6	31
75	Refractory pituitary adenoma: a novel classification for pituitary tumors. Oncotarget, 2016, 7, 83657-83668.	0.8	32
76	Cell adhesion molecule pathway genes are regulated by cis-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains. Neurobiology of Aging, 2015, 36, 2904.e1-2904.e7.	1.5	45
77	Expression quantitative trait loci regulate HNF4A and PTBP1 expression in human brains. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3975.	3.3	23
78	Identifying the Association Between Alzheimerâ€™s Disease and Parkinsonâ€™s Disease Using Genome-Wide Association Studies and Protein-Protein Interaction Network. Molecular Neurobiology, 2015, 52, 1629-1636.	1.9	33
79	Preclinical Safety Evaluation of Human Mesenchymal Stem Cell Transplantation in Cerebrum of Nonhuman Primates. International Journal of Toxicology, 2014, 33, 403-411.	0.6	7
80	Transplantation of Flk-1+ human bone marrow-derived mesenchymal stem cells promotes angiogenesis and neurogenesis after cerebral ischemia in rats. European Journal of Neuroscience, 2011, 34, 87-98.	1.2	58
81	Transplantation of human bone marrow-derived mesenchymal stem cells promotes behavioral recovery and endogenous neurogenesis after cerebral ischemia in rats. Brain Research, 2011, 1367, 103-113.	1.1	186