

Xinjie Bao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8194870/publications.pdf>

Version: 2024-02-01

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	Transplantation of human bone marrow-derived mesenchymal stem cells promotes behavioral recovery and endogenous neurogenesis after cerebral ischemia in rats. <i>Brain Research</i> , 2011, 1367, 103-113.	1.1	186
2	Quantitative protein profiling of hippocampus during human aging. <i>Neurobiology of Aging</i> , 2016, 39, 46-56.	1.5	68
3	Clinical PET Imaging of Microglial Activation: Implications for Microglial Therapeutics in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 314.	1.7	60
4	Transplantation of Flk-1+ human bone marrow-derived mesenchymal stem cells promotes angiogenesis and neurogenesis after cerebral ischemia in rats. <i>European Journal of Neuroscience</i> , 2011, 34, 87-98.	1.2	58
5	Experimental models of Alzheimer's disease for deciphering the pathogenesis and therapeutic screening (Review). <i>International Journal of Molecular Medicine</i> , 2016, 37, 271-283.	1.8	53
6	Pituitary abscess: clinical manifestations, diagnosis and treatment of 66 cases from a large pituitary center over 23 years. <i>Pituitary</i> , 2017, 20, 189-194.	1.6	53
7	Cell adhesion molecule pathway genes are regulated by cis-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains. <i>Neurobiology of Aging</i> , 2015, 36, 2904.e1-2904.e7.	1.5	45
8	Prediction of Recurrence after Transsphenoidal Surgery for Cushing's Disease: The Use of Machine Learning Algorithms. <i>Neuroendocrinology</i> , 2019, 108, 201-210.	1.2	44
9	Human Neural Stem Cell Transplantation Rescues Cognitive Defects in APP/PS1 Model of Alzheimer's Disease by Enhancing Neuronal Connectivity and Metabolic Activity. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 282.	1.7	43
10	Diagnosis and Outcomes of 341 Patients with Cushing's Disease Following Transsphenoid Surgery: A Single-Center Experience. <i>World Neurosurgery</i> , 2018, 109, e75-e80.	0.7	38
11	Preoperative Noninvasive Radiomics Approach Predicts Tumor Consistency in Patients With Acromegaly: Development and Multicenter Prospective Validation. <i>Frontiers in Endocrinology</i> , 2019, 10, 403.	1.5	37
12	Identifying the Association Between Alzheimer's Disease and Parkinson's Disease Using Genome-Wide Association Studies and Protein-Protein Interaction Network. <i>Molecular Neurobiology</i> , 2015, 52, 1629-1636.	1.9	33
13	Refractory pituitary adenoma: a novel classification for pituitary tumors. <i>Oncotarget</i> , 2016, 7, 83657-83668.	0.8	32
14	Extended transsphenoidal approach for pituitary adenomas invading the cavernous sinus using multiple complementary techniques. <i>Pituitary</i> , 2016, 19, 1-10.	1.6	31
15	Tumour lateralization in Cushing's disease by inferior petrosal sinus sampling with desmopressin. <i>Clinical Endocrinology</i> , 2018, 88, 251-257.	1.2	30
16	The Immune Profile of Pituitary Adenomas and a Novel Immune Classification for Predicting Immunotherapy Responsiveness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3207-e3223.	1.8	30
17	Neurogenesis-based epigenetic therapeutics for Alzheimer's disease (Review). <i>Molecular Medicine Reports</i> , 2016, 14, 1043-1053.	1.1	29
18	Combination Treatment with Bromocriptine and Metformin in Patients with Bromocriptine-Resistant Prolactinomas: Pilot Study. <i>World Neurosurgery</i> , 2018, 115, 94-98.	0.7	29

#	ARTICLE	IF	CITATIONS
19	Development and assessment of machine learning algorithms for predicting remission after transsphenoidal surgery among patients with acromegaly. <i>Endocrine</i> , 2020, 67, 412-422.	1.1	29
20	Intrastriatal Transplantation of Human Neural Stem Cells Restores the Impaired Subventricular Zone in Parkinsonian Mice. <i>Stem Cells</i> , 2017, 35, 1519-1531.	1.4	27
21	Genetic and Epigenetic Causes of Pituitary Adenomas. <i>Frontiers in Endocrinology</i> , 2020, 11, 596554.	1.5	27
22	Microglia-targeted stem cell therapies for Alzheimer disease: A preclinical data review. <i>Journal of Neuroscience Research</i> , 2017, 95, 2420-2429.	1.3	24
23	Expression quantitative trait loci regulate <i>HNF4A</i> and <i>PTBP1</i> expression in human brains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3975.	3.3	23
24	Metformin inhibits growth and prolactin secretion of pituitary prolactinoma cells and xenografts. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 6368-6379.	1.6	23
25	Development of Machine Learning Models for Predicting Postoperative Delayed Remission in Patients With Cushing's Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e217-e231.	1.8	22
26	High-frequency repetitive transcranial magnetic stimulation for treating moderate traumatic brain injury in rats: A pilot study. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2247-2254.	0.8	21
27	Deep-Learning Approach to Automatic Identification of Facial Anomalies in Endocrine Disorders. <i>Neuroendocrinology</i> , 2020, 110, 328-337.	1.2	21
28	Research trends of stem cells in ischemic stroke from 1999 to 2018: A bibliometric analysis. <i>Clinical Neurology and Neurosurgery</i> , 2020, 192, 105740.	0.6	21
29	Risk Factors and Microbiology of Meningitis and/or Bacteremia After Transsphenoidal Surgery for Pituitary Adenoma. <i>World Neurosurgery</i> , 2018, 110, e851-e863.	0.7	20
30	Expression of Matrix Metalloproteinase-9, Pituitary Tumor Transforming Gene, High Mobility Group A 2, and Ki-67 in Adrenocorticotrophic Hormone-secreting Pituitary Tumors and Their Association with Tumor Recurrence. <i>World Neurosurgery</i> , 2018, 113, e213-e221.	0.7	20
31	Transsphenoidal versus Transcranial Approach for Treatment of Tuberculum Sellae Meningiomas: A Systematic Review and Meta-analysis of Comparative Studies. <i>Scientific Reports</i> , 2019, 9, 4882.	1.6	19
32	Clinical Characteristics and Postoperative Recovery of Hypopituitarism in Patients with Nonfunctional Pituitary Adenoma. <i>World Neurosurgery</i> , 2019, 126, e1183-e1189.	0.7	17
33	Delayed Remission of Growth Hormone-Secreting Pituitary Adenoma After Transsphenoidal Adenectomy. <i>World Neurosurgery</i> , 2019, 122, e1137-e1145.	0.7	17
34	Multifaceted assessment of the APP/PS1 mouse model for Alzheimer's disease: Applying MRS, DTI, and ASL. <i>Brain Research</i> , 2018, 1698, 114-120.	1.1	16
35	Preoperative Somatostatin Analogues in Patients with Newly-diagnosed Acromegaly: A Systematic Review and Meta-analysis of Comparative Studies. <i>Scientific Reports</i> , 2019, 9, 14070.	1.6	16
36	Development and Interpretation of Multiple Machine Learning Models for Predicting Postoperative Delayed Remission of Acromegaly Patients During Long-Term Follow-Up. <i>Frontiers in Endocrinology</i> , 2020, 11, 643.	1.5	15

#	ARTICLE	IF	CITATIONS
37	Lymphocytic Hypophysitis Secondary to Ruptured Rathke Cleft Cyst: Case Report and Literature Review. <i>World Neurosurgery</i> , 2018, 114, 172-177.	0.7	14
38	Body mass index and insulin-like growth factor 1 as risk factors for discordant growth hormone and insulin-like growth factor 1 levels following pituitary surgery in acromegaly. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 34-41.	0.8	14
39	Expression of EGFR in Pituitary Corticotroph Adenomas and Its Relationship With Tumor Behavior. <i>Frontiers in Endocrinology</i> , 2019, 10, 785.	1.5	14
40	Reversibility of impaired brain structures after transsphenoidal surgery in Cushing's disease: a longitudinal study based on an artificial intelligence-assisted tool. <i>Journal of Neurosurgery</i> , 2020, , 1-10.	0.9	14
41	O-6-Methylguanine-DNA methyltransferase expression is associated with pituitary adenoma tumor recurrence: a systematic meta-analysis. <i>Oncotarget</i> , 2017, 8, 19674-19683.	0.8	14
42	Clinical Features and Treatment of Secondary Pituitary Abscess After Transsphenoidal Surgery: A Retrospective Study of 23 Cases. <i>World Neurosurgery</i> , 2018, 113, e138-e145.	0.7	13
43	Clinical profiles of silent corticotroph adenomas compared with silent gonadotroph adenomas after adopting the 2017 WHO pituitary classification system. <i>Pituitary</i> , 2021, 24, 564-573.	1.6	13
44	Proteomic profiling of sclerotic hippocampus revealed dysregulated packaging of vesicular neurotransmitters in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2020, 166, 106412.	0.8	10
45	Stem-Cell Research of Parkinson Disease: Bibliometric Analysis of Research Productivity from 1999 to 2018. <i>World Neurosurgery</i> , 2020, 134, e405-e411.	0.7	9
46	Transcriptomic analysis identifies a tumor subtype mRNA classifier for invasive non-functioning pituitary neuroendocrine tumor diagnostics. <i>Theranostics</i> , 2021, 11, 132-146.	4.6	9
47	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. <i>Journal of Neurosurgery</i> , 2022, 137, 618-628.	0.9	9
48	Invasive ACTH-secreting pituitary macroadenoma in remission after transsphenoidal resection. <i>Medicine (United States)</i> , 2018, 97, e13148.	0.4	8
49	Proteome Profiling of Cerebral Vessels in Rhesus Macaques: Dysregulation of Antioxidant Activity and Extracellular Matrix Proteins Contributes to Cerebrovascular Aging in Rhesus Macaques. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 293.	1.7	8
50	Reversibility of Cardiac Involvement in Acromegaly Patients After Surgery: 12-Month Follow-up Using Cardiovascular Magnetic Resonance. <i>Frontiers in Endocrinology</i> , 2020, 11, 598948.	1.5	8
51	Predictors of Immediate Remission after Surgery in Cushing's Disease Patients: A Large Retrospective Study from a Single Center. <i>Neuroendocrinology</i> , 2021, 111, 1141-1150.	1.2	8
52	Surgical outcome of transsphenoidal surgery in Cushing's disease: a case series of 1106 patients from a single center over 30 years. <i>Endocrine</i> , 2022, 75, 219-227.	1.1	8
53	METTL3-mediated RNA m6A Hypermethylation Promotes Tumorigenesis and GH Secretion of Pituitary Somatotroph Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 136-149.	1.8	8
54	Preclinical Safety Evaluation of Human Mesenchymal Stem Cell Transplantation in Cerebrum of Nonhuman Primates. <i>International Journal of Toxicology</i> , 2014, 33, 403-411.	0.6	7

#	ARTICLE	IF	CITATIONS
55	Gray Matter Alterations in Parkinson's Disease With Rapid Eye Movement Sleep Behavior Disorder: A Meta-Analysis of Voxel-Based Morphometry Studies. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 213.	1.7	7
56	The Clinical Utility of TIMP3 Expression in ACTH-Secreting Pituitary Tumor. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 137-144.	1.1	6
57	Conservative treatment cures an elderly pituitary apoplexy patient with oculomotor paralysis and optic nerve compression: a case report and systematic review of the literature. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1981-1985.	1.3	6
58	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. <i>Frontiers in Endocrinology</i> , 2019, 10, 736.	1.5	6
59	Sleep quality in acromegaly and changes after transsphenoidal surgery: a prospective longitudinal study. <i>Sleep Medicine</i> , 2020, 67, 164-170.	0.8	6
60	Lipid Abnormalities in Patients With Cushing's Disease and Its Relationship With Impaired Glucose Metabolism. <i>Frontiers in Endocrinology</i> , 2020, 11, 600323.	1.5	6
61	Cushing Syndrome Caused by Ectopic Adrenocorticotrophic Hormone-Secreting Pituitary Adenomas: Case Report and Literature Review. <i>World Neurosurgery</i> , 2020, 142, 75-86.	0.7	5
62	Outcomes of Transsphenoidal Surgery in Cushing Disease Patients with Negative Pituitary Magnetic Resonance Imaging Findings: A Single-Center Experience. <i>Endocrine Practice</i> , 2020, 26, 1320-1330.	1.1	5
63	Diagnosis, Manifestations, Laboratory Investigations, and Prognosis in Pediatric and Adult Cushing's Disease in a Large Center in China. <i>Frontiers in Endocrinology</i> , 2021, 12, 749246.	1.5	5
64	Hyperprolactinemia and Hypopituitarism in Acromegaly and Effect of Pituitary Surgery: Long-Term Follow-up on 529 Patients. <i>Frontiers in Endocrinology</i> , 2021, 12, 807054.	1.5	5
65	An Update on Silent Corticotroph Adenomas: Diagnosis, Mechanisms, Clinical Features, and Management. <i>Cancers</i> , 2021, 13, 6134.	1.7	5
66	Secondary pituitary abscess following transsphenoidal surgery with recurrent meningitis. <i>Medicine (United States)</i> , 2018, 97, e13458.	0.4	4
67	Effects of Subthalamic Deep Brain Stimulation With Different Frequencies in a Parkinsonian Rat Model. <i>Neuromodulation</i> , 2021, 24, 220-228.	0.4	4
68	Internal carotid artery injury in the endoscopic transsphenoidal surgery for pituitary adenoma: an uncommon case and literature review. <i>Gland Surgery</i> , 2020, 9, 1036-1041.	0.5	3
69	UPLC-MS/MS-based Lipidomic Profiles Revealed Aberrant Lipids Associated with Invasiveness of Silent Corticotroph Adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e273-e287.	1.8	3
70	Diagnosis of invasive non-functional pituitary adenomas using exosomal biomarkers. <i>Clinica Chimica Acta</i> , 2022, 529, 25-33.	0.5	3
71	Surgical treatment of a 72-year-old patient with headache, hyponatremia and oculomotor nerve palsy: a case report and literature review. <i>Gland Surgery</i> , 2021, 10, 364-370.	0.5	2
72	Suprasellar Mature Cystic Teratoma Mimicking Rathke's Cleft Cyst: A Case Report and Systematic Review of the Literature. <i>Frontiers in Endocrinology</i> , 2021, 12, 731088.	1.5	2

#	ARTICLE	IF	CITATIONS
73	Clinical and Therapeutic Characteristics of Pituitary TSH-Secreting Adenoma in Adolescent-Onset Patients: Six Case Studies and Literature Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 771673.	1.5	2
74	Role of matrix Metalloproteinases in pituitary adenoma invasion. <i>Chinese Neurosurgical Journal</i> , 2018, 4, 2.	0.3	1
75	Multiple myeloma complicated by skull plasmacytoma discovered after head injury. <i>Journal of Integrative Neuroscience</i> , 2021, 20, 459.	0.8	1
76	Treatment and outcomes of recurrent/persistent Cushing's disease: a single-center experience. <i>Annals of Palliative Medicine</i> , 2021, 10, 2494-2504.	0.5	1
77	Multi-Omics Investigations Revealed Underlying Molecular Mechanisms Associated With Tumor Stiffness and Identified Sunitinib as a Potential Therapy for Reducing Stiffness in Pituitary Adenomas. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 820562.	1.8	1
78	A 13-Year-Old Girl with Worsening Visual Function. <i>Brain Pathology</i> , 2020, 30, 423-424.	2.1	0
79	Management of thyrotoxicosis occurring after surgery for Cushing's disease: a case series. <i>Gland Surgery</i> , 2021, 10, 1627-1637.	0.5	0
80	Coagulation disorders in patients with abnormal serum cortisol level. <i>Chinese Medical Journal</i> , 2021, Publish Ahead of Print, .	0.9	0
81	Transsphenoidal Surgery of Corticotroph Adenomas With Cavernous Sinus Invasion: Results in a Series of 86 Consecutive Patients. <i>Frontiers in Oncology</i> , 2022, 12, 810234.	1.3	0