

Lu Gao

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,134
citations

516215

16
h-index

525886

27
g-index

78
all docs

78
docs citations

78
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	microRNAs in Spinal Cord Injury: Potential Roles and Therapeutic Implications. <i>International Journal of Biological Sciences</i> , 2014, 10, 997-1006.	2.6	92
2	Development and validation of a nomogram with an autophagy-related gene signature for predicting survival in patients with glioblastoma. <i>Aging</i> , 2019, 11, 12246-12269.	1.4	79
3	Machine learning revealed stemness features and a novel stemness-based classification with appealing implications in discriminating the prognosis, immunotherapy and temozolomide responses of 906 glioblastoma patients. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	74
4	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
5	Meteorological Variables and Bacillary Dysentery Cases in Changsha City, China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 697-704.	0.6	52
6	Identifying Flood-Related Infectious Diseases in Anhui Province, China: A Spatial and Temporal Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 741-749.	0.6	36
7	Cardiovascular System Changes and Related Risk Factors in Acromegaly Patients: A Case-Control Study. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	0.6	30
8	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
9	Glioblastoma cell differentiation trajectory predicts the immunotherapy response and overall survival of patients. <i>Aging</i> , 2020, 12, 18297-18321.	1.4	29
10	Top 100 Most-Cited Articles on Pituitary Adenoma: A Bibliometric Analysis. <i>World Neurosurgery</i> , 2018, 116, e1153-e1167.	0.7	26
11	H ₂ S Relaxes Vas Deferens Smooth Muscle by Modulating the Large Conductance Ca ²⁺ -Activated K ⁺ (BKCa) Channels via a Redox Mechanism. <i>Journal of Sexual Medicine</i> , 2012, 9, 2806-2813.	0.3	24
12	Identifying Facial Features and Predicting Patients of Acromegaly Using Three-Dimensional Imaging Techniques and Machine Learning. <i>Frontiers in Endocrinology</i> , 2020, 11, 492.	1.5	24
13	Pituicytoma Coexisting With Corticotroph Hyperplasia. <i>Medicine (United States)</i> , 2016, 95, e3062.	0.4	22
14	Pituitary adenomas in patients with multiple endocrine neoplasia type 1: a single-center experience in China. <i>Pituitary</i> , 2019, 22, 113-123.	1.6	22
15	Tunicamycin Potentiates Antifungal Drug Tolerance via Aneuploidy in <i>Candida albicans</i> . <i>MBio</i> , 2021, 12, e0227221.	1.8	22
16	Magnetic Resonance Imaging Characteristics of Pituitary Abscess: A Review of 51 Cases. <i>World Neurosurgery</i> , 2018, 114, e900-e912.	0.7	21
17	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
18	Characteristics of the upper respiratory tract in patients with acromegaly and correlations with obstructive sleep apnoea/hypopnea syndrome. <i>Sleep Medicine</i> , 2018, 48, 27-34.	0.8	20

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19	Pre- and Postoperative Body Composition and Metabolic Characteristics in Patients with Acromegaly: A Prospective Study. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	0.6	20
20	Publication Landscape Analysis on Gliomas: How Much Has Been Done in the Past 25 Years?. <i>Frontiers in Oncology</i> , 2019, 9, 1463.	1.3	20
21	Adaptation to Fluconazole via Aneuploidy Enables Cross-Adaptation to Amphotericin B and Flucytosine in <i>Cryptococcus neoformans</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0072321.	1.2	19
22	3D Facial Analysis in Acromegaly: Gender-Specific Features and Clinical Correlations. <i>Frontiers in Endocrinology</i> , 2018, 9, 722.	1.5	18
23	Classification of pediatric gliomas based on immunological profiling: Implications for immunotherapy strategies. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 34-47.	2.0	18
24	Clinical Characteristics and Postoperative Recovery of Hypopituitarism in Patients with Nonfunctional Pituitary Adenoma. <i>World Neurosurgery</i> , 2019, 126, e1183-e1189.	0.7	17
25	Delayed Remission of Growth Hormone-Secreting Pituitary Adenoma After Transsphenoidal Adenectomy. <i>World Neurosurgery</i> , 2019, 122, e1137-e1145.	0.7	17
26	Targeted next-generation sequencing of dedifferentiated chondrosarcoma in the skull base reveals combined <i>TP53</i> and <i>PTEN</i> mutations with increased proliferation index, an implication for pathogenesis. <i>Oncotarget</i> , 2016, 7, 43557-43569.	0.8	16
27	Patient Characteristics, Diagnostic Delays, Treatment Patterns, Treatment Outcomes, Comorbidities, and Treatment Costs of Acromegaly in China: A Nationwide Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 610519.	1.5	15
28	Association between ERCC1 C8092A and ERCC2 K751Q polymorphisms and risk of adult glioma: a meta-analysis. <i>Tumor Biology</i> , 2014, 35, 3211-3221.	0.8	14
29	Coagulation Alteration and Deep Vein Thrombosis in Brain Tumor Patients During the Perioperative Period. <i>World Neurosurgery</i> , 2018, 114, e982-e991.	0.7	14
30	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
31	Quality of Life and its Determinants in Patients With Treated Acromegaly: A Cross-Sectional Nationwide Study in China. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 211-225.	1.8	14
32	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
33	Elevated serum IGF-1 level enhances retinal and choroidal thickness in untreated acromegaly patients. <i>Endocrine</i> , 2018, 59, 634-642.	1.1	13
34	Surgical Outcome of Growth Hormone-Secreting Pituitary Adenoma with Empty Sella Using a New Classification. <i>World Neurosurgery</i> , 2017, 105, 651-658.	0.7	12
35	Identification of microRNAs associated with the aggressiveness of prolactin pituitary tumors using bioinformatic analysis. <i>Oncology Reports</i> , 2019, 42, 533-548.	1.2	12
36	Cardiac Abnormalities in Acromegaly Patients: A Cardiac Magnetic Resonance Study. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-10.	0.6	11

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37	A novel silicone derivative of natural osalmid (DCZ0858) induces apoptosis and cell cycle arrest in diffuse large B-cell lymphoma via the JAK2/STAT3 pathway. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 31.	7.1	11
38	Comprehensive In Silico Analysis of a Novel Serum Exosome-Derived Competitive Endogenous RNA Network for Constructing a Prognostic Model for Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 553594.	1.3	11
39	Development and Validation of a Novel DNA Methylation-Driven Gene Based Molecular Classification and Predictive Model for Overall Survival and Immunotherapy Response in Patients With Glioblastoma: A Multiomic Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576996.	1.8	10
40	The posterior pharyngeal wall thickness is associated with OSAHS in patients with acromegaly and correlates with IGF-1 levels. <i>Endocrine</i> , 2018, 61, 526-532.	1.1	9
41	Coagulative necrotic pituitary adenoma apoplexy: A retrospective study of 21 cases from a large pituitary center in China. <i>Pituitary</i> , 2019, 22, 13-28.	1.6	9
42	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
43	GH, IGF-1, and Age Are Important Contributors to Thyroid Abnormalities in Patients with Acromegaly. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-8.	0.6	8
44	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
45	Hyperammonemic coma after craniotomy. <i>Medicine (United States)</i> , 2017, 96, e6588.	0.4	7
46	Xanthomatous Hypophysitis Presenting with Diabetes Insipidus Completely Cured Through Transsphenoidal Surgery: Case Report and Literature Review. <i>World Neurosurgery</i> , 2017, 104, 1051.e7-1051.e13.	0.7	7
47	Preoperative and Postoperative Bone Mineral Density Change and Risk Factor Analysis in Patients with a GH-Secreting Pituitary Adenoma. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-8.	0.6	7
48	Unintentional injuries: A profile of hospitalization and risk factors for in-hospital mortality in Beijing, China. <i>Injury</i> , 2019, 50, 663-670.	0.7	6
49	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
50	Development of a Nomogram With Alternative Splicing Signatures for Predicting the Prognosis of Glioblastoma: A Study Based on Large-Scale Sequencing Data. <i>Frontiers in Oncology</i> , 2020, 10, 1257.	1.3	6
51	Clinical Characteristics of Pediatric Patients With Sellar and Suprasellar Lesions Who Initially Present With Central Diabetes Insipidus: A Retrospective Study of 55 Cases From a Large Pituitary Center in China. <i>Frontiers in Endocrinology</i> , 2020, 11, 76.	1.5	6
52	Sleep quality in acromegaly and changes after transsphenoidal surgery: a prospective longitudinal study. <i>Sleep Medicine</i> , 2020, 67, 164-170.	0.8	6
53	Dynamic changes of views on the brain changes of Cushing's syndrome using different computer-assisted tool. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 185-200.	2.6	6
54	Long-term facial changes and clinical correlations in patients with treated acromegaly: a cohort study. <i>European Journal of Endocrinology</i> , 2021, 184, 231-241.	1.9	6

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55	A novel hypoxic tumor microenvironment signature for predicting the survival, progression, immune responsiveness and chemoresistance of glioblastoma: a multi-omic study. <i>Aging</i> , 2020, 12, 17038-17061.	1.4	6
56	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
57	Reversibility of cerebral blood flow in patients with Cushing's disease after surgery treatment. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154050.	1.5	4
58	Correlation analysis between short-term insulin-like growth factor-I and glucose intolerance status after transsphenoidal adenomectomy in acromegalic patients: a large retrospective study from a single center in China. <i>Archives of Endocrinology and Metabolism</i> , 2019, 63, 157-166.	0.3	3
59	Lung function and blood gas abnormalities in patients with acromegaly. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 130-135.	0.8	3
60	Pre- and Postoperative Health Status of Patients with Nonfunctioning and Secretory Pituitary Adenomas and an Analysis of Related Factors. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-8.	0.6	3
61	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
62	Whole-exome sequencing and immunohistochemistry findings in von Hippel-Lindau disease. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e880.	0.6	2
63	Mapping of the acromegaly quality of life questionnaire to ED-5D-5L index score among patients with acromegaly. <i>European Journal of Health Economics</i> , 2021, 22, 1381-1391.	1.4	2
64	Patient-Identified Problems and Influences Associated With Diagnostic Delay of Acromegaly: A Nationwide Cross-Sectional Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 704496.	1.5	2
65	Validity of discharge ICD-10 codes in detecting the etiologies of endogenous Cushing's syndrome. <i>Endocrine Connections</i> , 2019, 8, 1186-1194.	0.8	2
66	Systemic lupus erythematosus simultaneously presenting with visceral muscle dysmotility syndrome and mechanical intestinal obstruction clinically relieved by surgery: a case report and literature review. <i>BMC Gastroenterology</i> , 2022, 22, 32.	0.8	2
67	Hyperammonemia induced by prophylactic administration of antiepileptic drugs during the perioperative period of craniotomy. <i>Clinica Chimica Acta</i> , 2016, 462, 33-39.	0.5	1
68	Comprehensive identification of a two-genesignature as a novel potential prognostic model for patients with medulloblastoma. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 1600-1613.	0.0	1
69	Effect of Transsphenoidal Adenectomy on Glucose Tolerance Status in Patients with Growth Hormone-secreting Pituitary Adenoma. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2016, 38, 73-7.	0.2	1
70	Letter to the Editor. Questionable value of 7-T MRI in Cushing's disease and relationship to inferior petrosal sinus sampling. <i>Journal of Neurosurgery</i> , 2019, 130, 668-670.	0.9	0
71	Validation of the prognostic value of 9-gene ATE score for IDH wild-type glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1197-1199.	0.6	0
72	Letter to the Editor. Upfront GKS for Cushing's disease and acromegaly: is it suitable?. <i>Journal of Neurosurgery</i> , 2019, 131, 649-651.	0.9	0

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73	Correlation between Different Postoperative Serum Cortisol Cut-off Values Measured in Different Periods and Long-term Outcomes in Patients with Cushing's Disease. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 140-144.	0.2	0