

Zhaoyun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	GABA Promotes Human \hat{I}^2 -Cell Proliferation and Modulates Glucose Homeostasis. <i>Diabetes</i> , 2014, 63, 4197-4205.	0.3	125
2	Germline Mutations in CDH23, Encoding Cadherin-Related 23, Are Associated with Both Familial and Sporadic Pituitary Adenomas. <i>American Journal of Human Genetics</i> , 2017, 100, 817-823.	2.6	57
3	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. <i>Frontiers in Pharmacology</i> , 2015, 6, 260.	1.6	55
4	Common variants at 10p12.31, 10q21.1 and 13q12.13 are associated with sporadic pituitary adenoma. <i>Nature Genetics</i> , 2015, 47, 793-797.	9.4	43
5	Sudoscan is an effective screening method for asymptomatic diabetic neuropathy in Chinese type 2 diabetes mellitus patients. <i>Journal of Diabetes Investigation</i> , 2017, 8, 363-368.	1.1	40
6	Exogenous kallikrein protects against diabetic nephropathy. <i>Kidney International</i> , 2016, 90, 1023-1036.	2.6	34
7	miR-145 improves metabolic inflammatory disease through multiple pathways. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 152-162.	1.5	32
8	Spirolactone Protects against Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetic Rats. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-13.	1.0	28
9	High glucose-induced ubiquitination of G6PD leads to the injury of podocytes. <i>FASEB Journal</i> , 2019, 33, 6296-6310.	0.2	28
10	AMPK Serves as a Therapeutic Target Against Anemia of Inflammation. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 251-268.	2.5	24
11	Mesenchymal stem cells overexpressing PEDF decrease the angiogenesis of gliomas. <i>Bioscience Reports</i> , 2013, 33, e00019.	1.1	22
12	Recombinant SFRP5 protein significantly alleviated intrahepatic inflammation of nonalcoholic steatohepatitis. <i>Nutrition and Metabolism</i> , 2017, 14, 56.	1.3	22
13	Combined use of GABA and sitagliptin promotes human \hat{I}^2 -cell proliferation and reduces apoptosis. <i>Journal of Endocrinology</i> , 2021, 248, 133-143.	1.2	21
14	The value of an acute octreotide suppression test in predicting short-term efficacy of somatostatin analogues in acromegaly. <i>Endocrine Journal</i> , 2016, 63, 819-834.	0.7	20
15	BRD4 as a therapeutic target for nonfunctioning and growth hormone pituitary adenoma. <i>Neuro-Oncology</i> , 2020, 22, 1114-1125.	0.6	19
16	Endocrine and Metabolic Outcomes After Transcranial and Endoscopic Endonasal Approaches for Primary Resection of Craniopharyngiomas. <i>World Neurosurgery</i> , 2019, 121, e8-e14.	0.7	18
17	Association of hypokalemia with cortisol and ACTH levels in Cushing's disease. <i>Annals of the New York Academy of Sciences</i> , 2020, 1463, 60-66.	1.8	18
18	The effect of neuropeptide Y on brown-like adipocyte's differentiation and activation. <i>Peptides</i> , 2015, 63, 126-133.	1.2	17

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19	C-peptide is independent associated with diabetic peripheral neuropathy: a community-based study. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 12.	1.2	17
20	Machine learning in predicting early remission in patients after surgical treatment of acromegaly: a multicenter study. <i>Pituitary</i> , 2021, 24, 53-61.	1.6	16
21	Hepatokine Pregnancy Zone Protein Governs the Diet-Induced Thermogenesis Through Activating Brown Adipose Tissue. <i>Advanced Science</i> , 2021, 8, e2101991.	5.6	16
22	Expression of Somatostatin Receptor 2 in Somatotropinoma Correlated with the Short-Term Efficacy of Somatostatin Analogues. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-7.	0.6	15
23	Surgical outcomes and predictors of glucose metabolism alterations for growth hormone-secreting pituitary adenomas: a hospital-based study of 151 cases. <i>Endocrine</i> , 2019, 63, 27-35.	1.1	15
24	A study of thyroid functions in patients with Cushing's syndrome: a single-center experience. <i>Endocrine Connections</i> , 2019, 8, 1176-1185.	0.8	15
25	Gender-Specific Differences in Clinical Profile and Biochemical Parameters in Patients with Cushing's Disease: A Single Center Experience. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	0.6	13
26	SUDOSCAN, an effective tool for screening chronic kidney disease in patients with type 2 diabetes. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1343-1350.	0.8	13
27	Surgical Results and Predictors of Initial and Delayed Remission for Growth Hormone-Secreting Pituitary Adenomas Using the 2010 Consensus Criteria in 162 Patients from a Single Center. <i>World Neurosurgery</i> , 2019, 124, e39-e50.	0.7	13
28	Radiomics analysis allows for precise prediction of silent corticotroph adenoma among non-functioning pituitary adenomas. <i>European Radiology</i> , 2022, 32, 1570-1578.	2.3	13
29	The comprehensive impact on human body induced by resolution of growth hormone excess. <i>European Journal of Endocrinology</i> , 2018, 178, 365-375.	1.9	12
30	Impact of Long-Acting Somatostatin Analogues on Glucose Metabolism in Acromegaly: A Hospital-Based Study. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	0.6	12
31	Characteristics of Gut Microbiota in Patients with GH-Secreting Pituitary Adenoma. <i>Microbiology Spectrum</i> , 2022, 10, e0042521.	1.2	12
32	PKA-R11B Deficiency Induces Brown Fatlike Adipocytes in Inguinal WAT and Promotes Energy Expenditure in Male FVB/NJ Mice. <i>Endocrinology</i> , 2017, 158, 578-591.	1.4	11
33	Novel GLP-1 Analog Supaglutide Stimulates Insulin Secretion in Mouse and Human Islet Beta-Cells and Improves Glucose Homeostasis in Diabetic Mice. <i>Frontiers in Physiology</i> , 2019, 10, 930.	1.3	9
34	Precision Therapy in Acromegaly Caused by Pituitary Tumors: How Close Is It to Reality?. <i>Endocrinology and Metabolism</i> , 2020, 35, 206-216.	1.3	9
35	The association of erythrocyte sedimentation rate, high-sensitivity C-reactive protein and diabetic kidney disease in patients with type 2 diabetes. <i>BMC Endocrine Disorders</i> , 2020, 20, 103.	0.9	8
36	Adaptor protein APPL1 coordinates HDAC3 to modulate brown adipose tissue thermogenesis in mice. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153955.	1.5	7

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37	Evaluation of lipid profile and its relationship with blood pressure in patients with Cushing's disease. <i>Endocrine Connections</i> , 2018, 7, 637-644.	0.8	6
38	Exogenous Pancreatic Kallikrein Improves Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetes. <i>Frontiers in Pharmacology</i> , 2018, 9, 855.	1.6	6
39	High-Performance Liquid Chromatography-Mass Spectrometry-Based Lipid Metabolite Profiling of Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1075-e1084.	1.8	6
40	Comparative effectiveness of endoscopic versus microscopic transsphenoidal surgery for patients with growth hormone secreting pituitary adenoma: An emulated trial. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106781.	0.6	6
41	Organ-specific alterations in circadian genes by vertical sleeve gastrectomy in an obese diabetic mouse model. <i>Science Bulletin</i> , 2017, 62, 467-469.	4.3	5
42	Efficacy and predictors of short-term first-generation somatostatin analog presurgical treatment in acromegaly: A hospital-based study of 237 cases. <i>Growth Hormone and IGF Research</i> , 2020, 55, 101354.	0.5	5
43	Clinical Parameters of Silent Corticotroph Adenomas With Positive and Negative Adrenocorticotrophic Hormone Immunostaining: A Large Retrospective Single-Center Study of 105 Cases. <i>Frontiers in Endocrinology</i> , 2020, 11, 608691.	1.5	5
44	Pituitary Dysfunction in Patients with Intracranial Germ Cell Tumors Treated with Radiotherapy. <i>Endocrine Practice</i> , 2020, 26, 1458-1468.	1.1	5
45	The hypothalamic-pituitary-gonad axis in male Cushing's disease before and after curative surgery. <i>Endocrine</i> , 2022, 77, 357-362.	1.1	4
46	A Network Investigation on Idiopathic Hypogonadotropic Hypogonadism in China. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-7.	0.6	2
47	Association between the clinical classification of hypothyroidism and reduced TSH in LT4 supplemental replacement treatment for pregnancy in China. <i>Gynecological Endocrinology</i> , 2016, 32, 374-378.	0.7	2
48	Lineage conversion of mouse fibroblasts to pancreatic β -cells. <i>Experimental and Molecular Medicine</i> , 2017, 49, e350-e350.	3.2	2
49	Erectile Dysfunction Is Associated With Excessive Growth Hormone Levels in Male Patients With Acromegaly. <i>Frontiers in Endocrinology</i> , 2021, 12, 633904.	1.5	2
50	Treatment of acromegaly by rosiglitazone via upregulating 15-PGDH in both pituitary adenoma and liver. <i>IScience</i> , 2021, 24, 102983.	1.9	2
51	Machine Learning Prediction of Visual Outcome after Surgical Decompression of Sellar Region Tumors. <i>Journal of Personalized Medicine</i> , 2022, 12, 152.	1.1	2
52	Transcription factor ASCL1 acts as a novel potential therapeutic target for the treatment of the Cushing's disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, .	1.8	2
53	Low-rank fusion convolutional neural network for prediction of remission after stereotactic radiosurgery in patients with acromegaly: a proof-of-concept study. <i>Journal of Pathology</i> , 2022, 258, 49-57.	2.1	2
54	PS-341 alleviates chronic low-grade inflammation and improves insulin sensitivity through the inhibition of TM4 (UBAC2) degradation. <i>Nutrition and Metabolism</i> , 2021, 18, 54.	1.3	1

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55	Recommendation to improve the WHO classification of posterior pituitary tumors as a unique entity: evidence from a large case series. <i>Endocrine Connections</i> , 2022, , .	0.8	1
56	Successful Diagnoses and Remarkable Metabolic Disorders in Patients With Solitary Hypothalamic Mass: A Case Series Report. <i>Frontiers in Endocrinology</i> , 2021, 12, 693669.	1.5	0