Jian Zhou

List of Publications by Year in descending order

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257101 233125 2,625 45 114 24 citations h-index g-index papers 119 119 119 3540 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Fibroblast growth factor 21 levels are increased in nonalcoholic fatty liver disease patients and are correlated with hepatic triglyceride. Journal of Hepatology, 2010, 53, 934-940.	1.8	334
2	Association of Time in Range, as Assessed by Continuous Glucose Monitoring, With Diabetic Retinopathy in Type 2 Diabetes. Diabetes Care, 2018, 41, 2370-2376.	4.3	327
3	Time in Range Is Associated with Carotid Intima-Media Thickness in Type 2 Diabetes. Diabetes Technology and Therapeutics, 2020, 22, 72-78.	2.4	148
4	Time in Range in Relation to All-Cause and Cardiovascular Mortality in Patients With Type 2 Diabetes: A Prospective Cohort Study. Diabetes Care, 2021, 44, 549-555.	4.3	125
5	Reference Values for Continuous Glucose Monitoring in Chinese Subjects. Diabetes Care, 2009, 32, 1188-1193.	4. 3	110
6	Establishment of normal reference ranges for glycemic variability in Chinese subjects using continuous glucose monitoring. Medical Science Monitor, 2011, 17, CR9-CR13.	0.5	70
7	A novel PI3K/AKT signaling axis mediates Nectin-4-induced gallbladder cancer cell proliferation, metastasis and tumor growth. Cancer Letters, 2016, 375, 179-189.	3.2	70
8	Hyocholic acid species as novel biomarkers for metabolic disorders. Nature Communications, 2021, 12, 1487.	5.8	66
9	Downregulation of Notch Modulators, Tetraspanin 5 and 10, Inhibits Osteoclastogenesis in Vitro. Calcified Tissue International, 2014, 95, 209-217.	1.5	50
10	Glycemic variability is associated with subclinical atherosclerosis in Chinese type 2 diabetic patients. Cardiovascular Diabetology, 2013, 12, 15.	2.7	44
11	Glycemic variability assessed by continuous glucose monitoring and the risk of diabetic retinopathy in latent autoimmune diabetes of the adult and typeÂ2 diabetes. Journal of Diabetes Investigation, 2019, 10, 753-759.	1.1	44
12	LASP-1 induces proliferation, metastasis and cell cycle arrest at the G2/M phase in gallbladder cancer by down-regulating S100P via the PI3K/AKT pathway. Cancer Letters, 2016, 372, 239-250.	3.2	42
13	Combined assessment of glycated albumin and fasting plasma glucose improves the detection of diabetes in Chinese subjects. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 974-979.	0.9	40
14	Yin Yang 1 protein ameliorates diabetic nephropathy pathology through transcriptional repression of TGF \hat{l}^21 . Science Translational Medicine, 2019, 11, .	5.8	37
15	Effectiveness of Smartphone App–Based Interactive Management on Glycemic Control in Chinese Patients With Poorly Controlled Diabetes: Randomized Controlled Trial. Journal of Medical Internet Research, 2019, 21, e15401.	2.1	37
16	TIR generated by continuous glucose monitoring is associated with peripheral nerve function in type 2 diabetes. Diabetes Research and Clinical Practice, 2020, 166, 108289.	1.1	33
17	Serum Metabolic Signatures of Fulminant Type 1 Diabetes. Journal of Proteome Research, 2012, 11, 4705-4711.	1.8	30
18	Ubiquitin E3 Ligase LNX2 is Critical for Osteoclastogenesis In Vitro by Regulating M-CSF/RANKL Signaling and Notch2. Calcified Tissue International, 2015, 96, 465-475.	1.5	30

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19	Thresholds of Glycemia and the Outcomes of COVID-19 Complicated With Diabetes: A Retrospective Exploratory Study Using Continuous Glucose Monitoring. Diabetes Care, 2021, 44, 976-982.	4.3	30
20	Relationship between HbA1c and Continuous Glucose Monitoring in Chinese Population: A Multicenter Study. PLoS ONE, 2013, 8, e83827.	1.1	29
21	Zinc finger X-chromosomal protein (ZFX) is a significant prognostic indicator and promotes cellular malignant potential in gallbladder cancer. Cancer Biology and Therapy, 2015, 16, 1462-1470.	1.5	27
22	Glycemic variability modifies the relationship between time in range and hemoglobin A1c estimated from continuous glucose monitoring: A preliminary study. Diabetes Research and Clinical Practice, 2020, 161, 108032.	1.1	27
23	The association of serum <scp>FGF</scp> 23 and nonâ€alcoholic fatty liver disease is independent of vitamin D in type 2 diabetes patients. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 668-674.	0.9	26
24	Glycated albumin is more closely correlated with coronary artery disease than 1,5-anhydroglucitol and glycated hemoglobin A1c. Cardiovascular Diabetology, 2015, 14, 16.	2.7	25
25	Glycemic variability and its responses to intensive insulin treatment in newly diagnosed type 2 diabetes. Medical Science Monitor, 2008, 14, CR552-8.	0.5	25
26	Associations of body mass index with glycated albumin and glycated albumin/glycated hemoglobin A 1c ratio in Chinese diabetic and non-diabetic populations. Clinica Chimica Acta, 2018, 484, 117-121.	0.5	24
27	Relationship between glycated albumin and glycated hemoglobin according to glucose tolerance status: A multicenter study. Diabetes Research and Clinical Practice, 2016, 115, 17-23.	1.1	23
28	Serum 1,5-anhydroglucitol when used with fasting plasma glucose improves the efficiency of diabetes screening in a Chinese population. Scientific Reports, 2017, 7, 11968.	1.6	21
29	Elevated serum fibroblast growth factor 23 levels as an indicator of lower extremity atherosclerotic disease in Chinese patients with type 2 diabetes mellitus. Cardiovascular Diabetology, 2017, 16, 77.	2.7	21
30	Haemoglobin A1c variability as an independent correlate of atherosclerosis and cardiovascular disease in Chinese type 2 diabetes. Diabetes and Vascular Disease Research, 2018, 15, 402-408.	0.9	21
31	Comparison of Multiple Cut Points for Time in Range in Relation to Risk of Abnormal Carotid Intima-Media Thickness and Diabetic Retinopathy. Diabetes Care, 2020, 43, e99-e101.	4.3	21
32	Association between visitâ€toâ€visit HbA1c variability and the risk of cardiovascular disease in patients with <scp>type 2</scp> diabetes. Diabetes, Obesity and Metabolism, 2021, 23, 125-135.	2.2	20
33	The metabolism and transport of 1,5-anhydroglucitol in cells. Acta Diabetologica, 2018, 55, 279-286.	1.2	19
34	Nateglinide and Acarbose Are Comparably Effective Reducers of Postprandial Glycemic Excursions in Chinese Antihyperglycemic Agent–Naive Subjects with Type 2 Diabetes. Diabetes Technology and Therapeutics, 2013, 15, 481-488.	2.4	18
35	Accelerated reproductive aging in females lacking a novel centromere protein SYCP2L. Human Molecular Genetics, 2015, 24, 6505-6514.	1.4	18
36	Association of HbA1c With All-cause Mortality Across Varying Degrees of Glycemic Variability in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3160-3167.	1.8	18

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37	1,5-Anhydroglucitol Is Associated with Early-Phase Insulin Secretion in Chinese Patients with Newly Diagnosed Type 2 Diabetes Mellitus. Diabetes Technology and Therapeutics, 2015, 17, 320-326.	2.4	17
38	Prevalence of Type 2 Diabetes among High-Risk Adults in Shanghai from 2002 to 2012. PLoS ONE, 2014, 9, e102926.	1,1	16
39	The association between serum growth differentiation factor 15 levels and lower extremity atherosclerotic disease is independent of body mass index in type 2 diabetes. Cardiovascular Diabetology, 2020, 19, 40.	2.7	16
40	Enteric Phageome Alterations in Patients With Type 2 Diabetes. Frontiers in Cellular and Infection Microbiology, 2020, 10, 575084.	1.8	16
41	Evaluating peripheral nerve function in asymptomatic patients with type 2 diabetes or latent autoimmune diabetes of adults (LADA): results from nerve conduction studies. Journal of Diabetes and Its Complications, 2015, 29, 265-269.	1.2	15
42	Efficacy and safety of polyethylene glycol loxenatide as addâ€on to metformin in patients with type 2 diabetes: A multicentre, randomized, doubleâ€blind, placeboâ€controlled, phase 3b trial. Diabetes, Obesity and Metabolism, 2020, 22, 2375-2383.	2.2	14
43	Defining the target value of the coefficient of variation by continuous glucose monitoring in Chinese people with diabetes. Journal of Diabetes Investigation, 2021, 12, 1025-1034.	1.1	14
44	Association of advanced glycation end products with diabetic retinopathy in type 2 diabetes mellitus. Diabetes Research and Clinical Practice, 2021, 177, 108880.	1.1	14
45	The Accuracy and Efficacy of Real-Time Continuous Glucose Monitoring Sensor in Chinese Diabetes Patients: A Multicenter Study. Diabetes Technology and Therapeutics, 2012, 14, 710-718.	2.4	13
46	Associations of glycated haemoglobin A1c and glycated albumin with subclinical atherosclerosis in middleâ€aged and elderly Chinese population with impaired glucose regulation. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 582-587.	0.9	13
47	Serum 1,5-anhydroglucitol levels slightly increase rather than decrease after a glucose load in subjects with different glucose tolerance status. Acta Diabetologica, 2017, 54, 463-470.	1.2	13
48	Activation of GO/G1 switch gene 2 by endoplasmic reticulum stress enhances hepatic steatosis. Metabolism: Clinical and Experimental, 2019, 99, 32-44.	1.5	13
49	Diabetes Screening: Detection and Application of Saliva 1,5-Anhydroglucitol by Liquid Chromatography–Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1759-1769.	1.8	13
50	Glargine insulin/gliclazide MR combination therapy is more effective than premixed insulin monotherapy in Chinese patients with type 2 diabetes inadequately controlled on oral antidiabetic drugs. Diabetes/Metabolism Research and Reviews, 2015, 31, 725-733.	1.7	12
51	An additional measurement of glycated albumin can help prevent missed diagnosis of diabetes in Chinese population. Clinica Chimica Acta, 2017, 475, 188-192.	0.5	12
52	Contribution of Structured Self-Monitoring of Blood Glucose to the Glycemic Control and the Quality of Life in Both Insulin- and Noninsulin-Treated Patients with Poorly Controlled Diabetes. Diabetes Technology and Therapeutics, 2017, 19, 707-714.	2.4	12
53	The Effect of Acarbose on Glycemic Variability in Patients with Type 2 Diabetes Mellitus Using Premixed Insulin Compared to Metformin (AIM): An Open-Label Randomized Trial. Diabetes Technology and Therapeutics, 2020, 22, 256-264.	2.4	12
54	The dawn phenomenon across the glycemic continuum: Implications for defining dysglycemia. Diabetes Research and Clinical Practice, 2020, 166, 108308.	1.1	12

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55	Multilevel clustering approach driven by continuous glucose monitoring data for further classification of type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e001869.	1.2	11
56	Low-carbohydrate diets lead to greater weight loss and better glucose homeostasis than exercise: a randomized clinical trial. Frontiers of Medicine, 2021, 15, 460-471.	1.5	11
57	"Dual-remission―after Roux-en-Y gastric bypass surgery: Glycemic variability cannot always be improved in Chinese obese patients with type 2 diabetes. Surgery for Obesity and Related Diseases, 2016, 12, 1312-1319.	1.0	10
58	Performance of a new realâ€time continuous glucose monitoring system: A multicenter pilot study. Journal of Diabetes Investigation, 2018, 9, 286-293.	1.1	10
59	Breakfast replacement with a liquid formula improves glycaemic variability in patients with type 2 diabetes: a randomised clinical trial. British Journal of Nutrition, 2019, 121, 560-566.	1.2	10
60	Far-red light-activated human islet-like designer cells enable sustained fine-tuned secretion of insulin for glucose control. Molecular Therapy, 2022, 30, 341-354.	3.7	10
61	Relationship between waist circumference and elevation of carotid intima-media thickness in newly-diagnosed diabetic patients. Biomedical and Environmental Sciences, 2014, 27, 335-42.	0.2	10
62	The Effectiveness of Traditional Chinese Medicine Jinlida Granules on Glycemic Variability in Newly Diagnosed Type 2 Diabetes: A Double-Blinded, Randomized Trial. Journal of Diabetes Research, 2021, 2021, 1-8.	1.0	10
63	Impact of short-term glycemic variability on risk of all-cause mortality in type 2 diabetes patients with well-controlled glucose profile by continuous glucose monitoring: A prospective cohort study. Diabetes Research and Clinical Practice, 2022, 189, 109940.	1.1	10
64	Relationship between serum bilirubin concentrations and diabetic nephropathy in Shanghai Han's patients with type 1 diabetes mellitus. BMC Nephrology, 2017, 18, 114.	0.8	9
65	Fulminant type 1 diabetes: The clinical and continuous glucose monitoring characteristics in Chinese patients. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 806-812.	0.9	9
66	Chinese clinical guidelines for continuous glucose monitoring (2018 edition). Diabetes/Metabolism Research and Reviews, 2019, 35, e3152.	1.7	9
67	Defibrillation Threshold Varies During Different Stages of Ventricular Fibrillation in Canine Hearts. Heart Lung and Circulation, 2013, 22, 133-140.	0.2	8
68	Increasing waist circumference is associated with decreased levels of glycated albumin. Clinica Chimica Acta, 2019, 495, 118-122.	0.5	8
69	DNA methylation suppresses liver Hamp expression in response to iron deficiency after bariatric surgery. Surgery for Obesity and Related Diseases, 2020, 16, 109-118.	1.0	8
70	<p>Associations Between Thyroid Hormones and Glycated Albumin in Euthyroid and Subclinical Hypothyroid Individuals: Results of an Observational Study</p> . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 915-923.	1.1	8
71	Glycemic fluctuations caused by COVID-19: Results from continuous glucose monitoring. Obesity Medicine, 2021, 22, 100328.	0.5	8
72	Deep transfer learning: a novel glucose prediction framework for new subjects with type 2 diabetes. Complex & Intelligent Systems, 2022, 8, 1875-1887.	4.0	8

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73	Alanine Aminotransferase Is Associated with an Adverse Nocturnal Blood Glucose Profile in Individuals with Normal Glucose Regulation. PLoS ONE, 2013, 8, e56072.	1.1	7
74	Maternal glycemic parameters and adverse pregnancy outcomes among high-risk pregnant women. BMJ Open Diabetes Research and Care, 2019, 7, e000774.	1.2	7
75	Differential Therapeutic Effects of Nateglinide and Acarbose on Fasting and Postprandial Lipid Profiles: A Randomized Trial. Diabetes Technology and Therapeutics, 2015, 17, 229-234.	2.4	6
76	The chloride/phosphate ratio combined with alkaline phosphatase as a valuable predictive marker for primary hyperparathyroidism in Chinese individuals. Scientific Reports, 2017, 7, 4868.	1.6	6
77	Contribution of structured selfâ€monitoring of blood glucose to selfâ€efficacy in poorly controlled diabetes patients in China. Diabetes/Metabolism Research and Reviews, 2019, 35, e3067.	1.7	6
78	Effectiveness of remote continuous glucose monitoring on adverse outcomes among patients with diabetes complicated with COVIDâ€19. Journal of Diabetes Investigation, 2021, 12, 1923-1924.	1.1	6
79	Association between visit-to-visit variability of glycated albumin and diabetic retinopathy among patients with type 2 diabetes – A prospective cohort study. Journal of Diabetes and Its Complications, 2021, 35, 107971.	1.2	6
80	Association between time in range and cancer mortality among patients with type 2 diabetes: a prospective cohort study. Chinese Medical Journal, 2022, 135, 288-294.	0.9	6
81	Verification of a novel point-of-care HbA1c device in real world clinical practice by comparison to three high performance liquid chromatography instruments. Biochemia Medica, 2018, 28, 020705.	1.2	6
82	Patterns of Circulating Fibroblast Growth Factor 21 in Subjects with and without Type 2 Diabetes. PLoS ONE, 2015, 10, e0142207.	1.1	6
83	Low total osteocalcin levels are associated with all-cause and cardiovascular mortality among patients with type 2 diabetes: a real-world study. Cardiovascular Diabetology, 2022, 21, .	2.7	6
84	Phenotypic heterogeneity in Chinese patients with hepatocyte nuclear factor- $1\hat{l}^2$ mutations. Diabetes Research and Clinical Practice, 2012, 95, 119-124.	1.1	5
85	Comparative Agreement Analysis of Differences in 1,5-Anhydroglucitol, Glycated Albumin, and Glycated Hemoglobin A1c Levels between Fasting and Postprandial States in Steamed Bread Meal Test. International Journal of Endocrinology, 2017, 2017, 1-8.	0.6	5
86	Postload Glycated Albumin as an Alternate Measure for Diabetes Screening in a Chinese Population. Journal of Diabetes Research, 2018, 2018, 1-7.	1.0	5
87	Serum 1,5-Anhydroglucitol to Glycated Albumin Ratio Can Help Early Distinguish Fulminant Type 1 Diabetes Mellitus from Newly Onset Type 1A Diabetes Mellitus. Journal of Diabetes Research, 2020, 2020, 1-8.	1.0	5
88	Comparison of glucose time in range and area under curve in range in relation to risk of diabetic retinopathy in type 2 diabetes patients. Journal of Diabetes Investigation, 2022, 13, 1543-1550.	1.1	5
89	Decreased levels of Fibroblast Growth Factor 21 are correlated with improved hypoglycemia in patients with insulinoma. Scientific Reports, 2017, 7, 43123.	1.6	4
90	Association between 1,5-Anhydroglucitol and Acute C Peptide Response to Arginine among Patients with Type 2 Diabetes. Journal of Diabetes Research, 2020, 2020, 1-7.	1.0	4

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91	Visit-to-visit variability of glycated albumin was associated with incidence or progression of lower extremity atherosclerotic disease. Cardiovascular Diabetology, 2020, 19, 211.	2.7	4
92	Influence of Sex Hormones on the Relationship Between Body Fat and Glycated Albumin Levels. Journal of Sexual Medicine, 2020, 17, 903-910.	0.3	4
93	Saliva 1,5-anhydroglucitol is associated with early-phase insulin secretion in Chinese patients with type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002199.	1.2	4
94	Advanced glycation end products via skin autofluorescence as potential marker of carotid atherosclerosis in patients with type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 3449-3456.	1.1	4
95	Association of Advanced Glycation End Products With Lower-Extremity Atherosclerotic Disease in Type 2 Diabetes Mellitus. Frontiers in Cardiovascular Medicine, 2021, 8, 696156.	1.1	4
96	Classic Type 1 Diabetes Mellitus and Fulminant Type 1 Diabetes Mellitus: Similarity and Discrepancy of Immunological Characteristics and Cytokine Profile. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 4661-4670.	1.1	4
97	Association of time in range with lower extremity atherosclerotic disease in type 2 diabetes mellitus: a prospective cohort study. Endocrine, 2022, 76, 593-600.	1.1	4
98	Expression of basic fibroblast growth factor, protein kinase C and members of the apoptotic pathway in skeletal muscle of streptozotocin-induced diabetic rats. Tissue and Cell, 2014, 46, 1-8.	1.0	3
99	A Novel CGM Metric-Gradient and Combining Mean Sensor Glucose Enable to Improve the Prediction of Nocturnal Hypoglycemic Events in Patients with Diabetes. Journal of Diabetes Research, 2020, 2020, 1-8.	1.0	3
100	Impact of acute-phase insulin secretion on glycemic variability in insulin-treated patients with type 2 diabetes. Endocrine, 2020, 68, 116-123.	1.1	3
101	Analyzing on the location of the bicipital groove for alignment in shoulder arthroplasty of Chinese. Journal of Orthopaedic Science, 2017, 22, 425-429.	0.5	2
102	Synchronous primary hyperparathyroidism, follicular thyroid carcinoma, and papillary thyroid carcinoma. Chinese Medical Journal, 2019, 132, 240-241.	0.9	2
103	1,5-Anhydroglucitol × glycated hemoglobin A1c/100 as a potential biomarker for islet β-cell function among patients with type 2 diabetes. Acta Diabetologica, 2020, 57, 439-446.	1.2	2
104	Primary Empty Sella Associated with Pituitary Adenoma Diagnosed by Inferior Petrosal Sinus Blood Sampling. Chinese Medical Journal, 2015, 128, 567-568.	0.9	2
105	Gradient variability coefficient: a novel method for assessing glycemic variability and risk of hypoglycemia. Endocrine, 2022, , 1.	1.1	2
106	Comprehensive Transcriptome Profiling of NAFLD- and NASH-Induced Skeletal Muscle Dysfunction. Frontiers in Endocrinology, 2022, 13, 851520.	1.5	2
107	Continuous glucose monitoring in the patients with diabetic nephropathy. Journal of Shanghai Jiaotong University (Science), 2011, 16, 508-512.	0.5	1
108	Metabolic perturbations of post-load hyperglycemia vs. fasting hyperglycemia. Acta Pharmacologica Sinica, 2019, 40, 216-221.	2.8	1

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109	Practical use of electronic health records among patients with diabetes in scientific research. Chinese Medical Journal, 2020, 133, 1224-1230.	0.9	1
110	Contribution of glycemic variability to hypoglycemia, and a new marker for diabetes remission after Roux-en-Y gastric bypass surgery. Surgery for Obesity and Related Diseases, 2022, 18, 666-673.	1.0	1
111	Unexpected vertebral metastasis of parathyroid carcinoma. Chinese Medical Journal, 2014, 127, 800.	0.9	1
112	Waist circumference-dependent peripheral monocytes change after gliclazide treatment for Chinese type 2 diabetic patients. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 204-209.	1.0	0
113	Traceability to a primary reference measurement procedure (ID-LCMS); A key step in validating the clinical accuracy and safety of hospital blood glucose monitoring systems. Clinica Chimica Acta, 2018, 486, 275-281.	0.5	0
114	Glycated albumin and its variability: Clinical significance, research progress and overall review. Obesity Medicine, 2020, 19, 100256.	0.5	0