

Jian Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

2,625
citations

257101

24
h-index

233125

45
g-index

119
all docs

119
docs citations

119
times ranked

3540
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep transfer learning: a novel glucose prediction framework for new subjects with type 2 diabetes. <i>Complex & Intelligent Systems</i> , 2022, 8, 1875-1887.	4.0	8
2	Far-red light-activated human islet-like designer cells enable sustained fine-tuned secretion of insulin for glucose control. <i>Molecular Therapy</i> , 2022, 30, 341-354.	3.7	10
3	Association between time in range and cancer mortality among patients with type 2 diabetes: a prospective cohort study. <i>Chinese Medical Journal</i> , 2022, 135, 288-294.	0.9	6
4	Gradient variability coefficient: a novel method for assessing glycemic variability and risk of hypoglycemia. <i>Endocrine</i> , 2022, , 1.	1.1	2
5	Contribution of glycemic variability to hypoglycemia, and a new marker for diabetes remission after Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 666-673.	1.0	1
6	Comprehensive Transcriptome Profiling of NAFLD- and NASH-Induced Skeletal Muscle Dysfunction. <i>Frontiers in Endocrinology</i> , 2022, 13, 851520.	1.5	2
7	Association of time in range with lower extremity atherosclerotic disease in type 2 diabetes mellitus: a prospective cohort study. <i>Endocrine</i> , 2022, 76, 593-600.	1.1	4
8	Comparison of glucose time in range and area under curve in range in relation to risk of diabetic retinopathy in type 2 diabetes patients. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1543-1550.	1.1	5
9	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. <i>Diabetes Research and Clinical Practice</i> , 2022, 189, 109940.	1.1	10
10	Low total osteocalcin levels are associated with all-cause and cardiovascular mortality among patients with type 2 diabetes: a real-world study. <i>Cardiovascular Diabetology</i> , 2022, 21, .	2.7	6
11	Defining the target value of the coefficient of variation by continuous glucose monitoring in Chinese people with diabetes. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1025-1034.	1.1	14
12	Time in Range in Relation to All-Cause and Cardiovascular Mortality in Patients With Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , 2021, 44, 549-555.	4.3	125
13	Association between visit-to-visit HbA1c variability and the risk of cardiovascular disease in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 125-135.	2.2	20
14	Multilevel clustering approach driven by continuous glucose monitoring data for further classification of type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001869.	1.2	11
15	Thresholds of Glycemia and the Outcomes of COVID-19 Complicated With Diabetes: A Retrospective Exploratory Study Using Continuous Glucose Monitoring. <i>Diabetes Care</i> , 2021, 44, 976-982.	4.3	30
16	Hyocholic acid species as novel biomarkers for metabolic disorders. <i>Nature Communications</i> , 2021, 12, 1487.	5.8	66
17	Glycemic fluctuations caused by COVID-19: Results from continuous glucose monitoring. <i>Obesity Medicine</i> , 2021, 22, 100328.	0.5	8
18	Effectiveness of remote continuous glucose monitoring on adverse outcomes among patients with diabetes complicated with COVID-19. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1923-1924.	1.1	6

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19	Saliva 1,5-anhydroglucitol is associated with early-phase insulin secretion in Chinese patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002199.	1.2	4
20	Low-carbohydrate diets lead to greater weight loss and better glucose homeostasis than exercise: a randomized clinical trial. <i>Frontiers of Medicine</i> , 2021, 15, 460-471.	1.5	11
21	Association of advanced glycation end products with diabetic retinopathy in type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2021, 177, 108880.	1.1	14
22	Association of HbA1c With All-cause Mortality Across Varying Degrees of Glycemic Variability in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3160-3167.	1.8	18
23	Advanced glycation end products via skin autofluorescence as potential marker of carotid atherosclerosis in patients with type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3449-3456.	1.1	4
24	Association between visit-to-visit variability of glycosylated albumin and diabetic retinopathy among patients with type 2 diabetes – A prospective cohort study. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107971.	1.2	6
25	Association of Advanced Glycation End Products With Lower-Extremity Atherosclerotic Disease in Type 2 Diabetes Mellitus. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 696156.	1.1	4
26	The Effectiveness of Traditional Chinese Medicine Jinlida Granules on Glycemic Variability in Newly Diagnosed Type 2 Diabetes: A Double-Blinded, Randomized Trial. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-8.	1.0	10
27	Classic Type 1 Diabetes Mellitus and Fulminant Type 1 Diabetes Mellitus: Similarity and Discrepancy of Immunological Characteristics and Cytokine Profile. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4661-4670.	1.1	4
28	Time in Range Is Associated with Carotid Intima-Media Thickness in Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 72-78.	2.4	148
29	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. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 256-264.	2.4	12
30	1,5-Anhydroglucitol as a potential biomarker for islet β -cell function among patients with type 2 diabetes. <i>Acta Diabetologica</i> , 2020, 57, 439-446.	1.2	2
31	DNA methylation suppresses liver Hamp expression in response to iron deficiency after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 109-118.	1.0	8
32	Efficacy and safety of polyethylene glycol loxenate as add-on to metformin in patients with type 2 diabetes: A multicentre, randomized, double-blind, placebo-controlled, phase 3b trial. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2375-2383.	2.2	14
33	Association between 1,5-Anhydroglucitol and Acute C Peptide Response to Arginine among Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-7.	1.0	4
34	Visit-to-visit variability of glycosylated albumin was associated with incidence or progression of lower extremity atherosclerotic disease. <i>Cardiovascular Diabetology</i> , 2020, 19, 211.	2.7	4
35	A Novel CGM Metric-Gradient and Combining Mean Sensor Glucose Enable to Improve the Prediction of Nocturnal Hypoglycemic Events in Patients with Diabetes. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-8.	1.0	3
36	Influence of Sex Hormones on the Relationship Between Body Fat and Glycosylated Albumin Levels. <i>Journal of Sexual Medicine</i> , 2020, 17, 903-910.	0.3	4

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37	Practical use of electronic health records among patients with diabetes in scientific research. Chinese Medical Journal, 2020, 133, 1224-1230.	0.9	1
38	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
39	Glycated albumin and its variability: Clinical significance, research progress and overall review. Obesity Medicine, 2020, 19, 100256.	0.5	0
40	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
41	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
42	The dawn phenomenon across the glycemic continuum: Implications for defining dysglycemia. Diabetes Research and Clinical Practice, 2020, 166, 108308.	1.1	12
43	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
44	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
45	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
46	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
47	<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
48	Enteric Phageome Alterations in Patients With Type 2 Diabetes. Frontiers in Cellular and Infection Microbiology, 2020, 10, 575084.	1.8	16
49	Metabolic perturbations of post-load hyperglycemia vs. fasting hyperglycemia. Acta Pharmacologica Sinica, 2019, 40, 216-221.	2.8	1
50	Contribution of structured self-monitoring of blood glucose to self-efficacy in poorly controlled diabetes patients in China. Diabetes/Metabolism Research and Reviews, 2019, 35, e3067.	1.7	6
51	Activation of G0/G1 switch gene 2 by endoplasmic reticulum stress enhances hepatic steatosis. Metabolism: Clinical and Experimental, 2019, 99, 32-44.	1.5	13
52	Increasing waist circumference is associated with decreased levels of glycated albumin. Clinica Chimica Acta, 2019, 495, 118-122.	0.5	8
53	Yin Yang 1 protein ameliorates diabetic nephropathy pathology through transcriptional repression of TGF β 1. Science Translational Medicine, 2019, 11, .	5.8	37
54	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

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55	Chinese clinical guidelines for continuous glucose monitoring (2018 edition). <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3152.	1.7	9
56	Maternal glycemic parameters and adverse pregnancy outcomes among high-risk pregnant women. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000774.	1.2	7
57	Synchronous primary hyperparathyroidism, follicular thyroid carcinoma, and papillary thyroid carcinoma. <i>Chinese Medical Journal</i> , 2019, 132, 240-241.	0.9	2
58	Glycemic variability assessed by continuous glucose monitoring and the risk of diabetic retinopathy in latent autoimmune diabetes of the adult and type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 753-759.	1.1	44
59	Breakfast replacement with a liquid formula improves glycaemic variability in patients with type 2 diabetes: a randomised clinical trial. <i>British Journal of Nutrition</i> , 2019, 121, 560-566.	1.2	10
60	Effectiveness of Smartphone App-Based Interactive Management on Glycemic Control in Chinese Patients With Poorly Controlled Diabetes: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2019, 21, e15401.	2.1	37
61	The metabolism and transport of 1,5-anhydroglucitol in cells. <i>Acta Diabetologica</i> , 2018, 55, 279-286.	1.2	19
62	The association of serum FGF23 and non-alcoholic fatty liver disease is independent of vitamin D in type 2 diabetes patients. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 668-674.	0.9	26
63	Performance of a new real-time continuous glucose monitoring system: A multicenter pilot study. <i>Journal of Diabetes Investigation</i> , 2018, 9, 286-293.	1.1	10
64	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. <i>Clinica Chimica Acta</i> , 2018, 486, 275-281.	0.5	0
65	Association of Time in Range, as Assessed by Continuous Glucose Monitoring, With Diabetic Retinopathy in Type 2 Diabetes. <i>Diabetes Care</i> , 2018, 41, 2370-2376.	4.3	327
66	Associations of body mass index with glycated albumin and glycated albumin/glycated hemoglobin A1c ratio in Chinese diabetic and non-diabetic populations. <i>Clinica Chimica Acta</i> , 2018, 484, 117-121.	0.5	24
67	Haemoglobin A1c variability as an independent correlate of atherosclerosis and cardiovascular disease in Chinese type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 402-408.	0.9	21
68	Postload Glycated Albumin as an Alternate Measure for Diabetes Screening in a Chinese Population. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-7.	1.0	5
69	Verification of a novel point-of-care HbA1c device in real world clinical practice by comparison to three high performance liquid chromatography instruments. <i>Biochemia Medica</i> , 2018, 28, 020705.	1.2	6
70	Serum 1,5-anhydroglucitol levels slightly increase rather than decrease after a glucose load in subjects with different glucose tolerance status. <i>Acta Diabetologica</i> , 2017, 54, 463-470.	1.2	13
71	Decreased levels of Fibroblast Growth Factor 21 are correlated with improved hypoglycemia in patients with insulinoma. <i>Scientific Reports</i> , 2017, 7, 43123.	1.6	4
72	Waist circumference-dependent peripheral monocytes change after gliclazide treatment for Chinese type 2 diabetic patients. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2017, 37, 204-209.	1.0	0

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73	Relationship between serum bilirubin concentrations and diabetic nephropathy in Shanghai Hanâ€™s patients with type 1 diabetes mellitus. <i>BMC Nephrology</i> , 2017, 18, 114.	0.8	9
74	Analyzing on the location of the bicipital groove for alignment in shoulder arthroplasty of Chinese. <i>Journal of Orthopaedic Science</i> , 2017, 22, 425-429.	0.5	2
75	An additional measurement of glycated albumin can help prevent missed diagnosis of diabetes in Chinese population. <i>Clinica Chimica Acta</i> , 2017, 475, 188-192.	0.5	12
76	Serum 1,5-anhydroglucitol when used with fasting plasma glucose improves the efficiency of diabetes screening in a Chinese population. <i>Scientific Reports</i> , 2017, 7, 11968.	1.6	21
77	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. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 707-714.	2.4	12
78	The chloride/phosphate ratio combined with alkaline phosphatase as a valuable predictive marker for primary hyperparathyroidism in Chinese individuals. <i>Scientific Reports</i> , 2017, 7, 4868.	1.6	6
79	Elevated serum fibroblast growth factor 23 levels as an indicator of lower extremity atherosclerotic disease in Chinese patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2017, 16, 77.	2.7	21
80	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. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-8.	0.6	5
81	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. <i>Cancer Letters</i> , 2016, 372, 239-250.	3.2	42
82	Relationship between glycated albumin and glycated hemoglobin according to glucose tolerance status: A multicenter study. <i>Diabetes Research and Clinical Practice</i> , 2016, 115, 17-23.	1.1	23
83	â€™Dual-remissionâ€™ after Roux-en-Y gastric bypass surgery: Glycemic variability cannot always be improved in Chinese obese patients with type 2 diabetes. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 1312-1319.	1.0	10
84	A novel PI3K/AKT signaling axis mediates Nectin-4-induced gallbladder cancer cell proliferation, metastasis and tumor growth. <i>Cancer Letters</i> , 2016, 375, 179-189.	3.2	70
85	Associations of glycated haemoglobin A1c and glycated albumin with subclinical atherosclerosis in middle-aged and elderly Chinese population with impaired glucose regulation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 582-587.	0.9	13
86	Evaluating peripheral nerve function in asymptomatic patients with type 2 diabetes or latent autoimmune diabetes of adults (LADA): results from nerve conduction studies. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 265-269.	1.2	15
87	Ubiquitin E3 Ligase LNX2 is Critical for Osteoclastogenesis In Vitro by Regulating M-CSF/RANKL Signaling and Notch2. <i>Calcified Tissue International</i> , 2015, 96, 465-475.	1.5	30
88	Glycated albumin is more closely correlated with coronary artery disease than 1,5-anhydroglucitol and glycated hemoglobin A1c. <i>Cardiovascular Diabetology</i> , 2015, 14, 16.	2.7	25
89	Differential Therapeutic Effects of Nateglinide and Acarbose on Fasting and Postprandial Lipid Profiles: A Randomized Trial. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 229-234.	2.4	6
90	Zinc finger X-chromosomal protein (ZFX) is a significant prognostic indicator and promotes cellular malignant potential in gallbladder cancer. <i>Cancer Biology and Therapy</i> , 2015, 16, 1462-1470.	1.5	27

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91	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. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 725-733.	1.7	12
92	1,5-Anhydroglucitol Is Associated with Early-Phase Insulin Secretion in Chinese Patients with Newly Diagnosed Type 2 Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 320-326.	2.4	17
93	Accelerated reproductive aging in females lacking a novel centromere protein SYCP2L. <i>Human Molecular Genetics</i> , 2015, 24, 6505-6514.	1.4	18
94	Patterns of Circulating Fibroblast Growth Factor 21 in Subjects with and without Type 2 Diabetes. <i>PLoS ONE</i> , 2015, 10, e0142207.	1.1	6
95	Primary Empty Sella Associated with Pituitary Adenoma Diagnosed by Inferior Petrosal Sinus Blood Sampling. <i>Chinese Medical Journal</i> , 2015, 128, 567-568.	0.9	2
96	Prevalence of Type 2 Diabetes among High-Risk Adults in Shanghai from 2002 to 2012. <i>PLoS ONE</i> , 2014, 9, e102926.	1.1	16
97	Expression of basic fibroblast growth factor, protein kinase C and members of the apoptotic pathway in skeletal muscle of streptozotocin-induced diabetic rats. <i>Tissue and Cell</i> , 2014, 46, 1-8.	1.0	3
98	Downregulation of Notch Modulators, Tetraspanin 5 and 10, Inhibits Osteoclastogenesis in Vitro. <i>Calcified Tissue International</i> , 2014, 95, 209-217.	1.5	50
99	Relationship between waist circumference and elevation of carotid intima-media thickness in newly-diagnosed diabetic patients. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 335-42.	0.2	10
100	Unexpected vertebral metastasis of parathyroid carcinoma. <i>Chinese Medical Journal</i> , 2014, 127, 800.	0.9	1
101	Glycemic variability is associated with subclinical atherosclerosis in Chinese type 2 diabetic patients. <i>Cardiovascular Diabetology</i> , 2013, 12, 15.	2.7	44
102	Defibrillation Threshold Varies During Different Stages of Ventricular Fibrillation in Canine Hearts. <i>Heart Lung and Circulation</i> , 2013, 22, 133-140.	0.2	8
103	Nateglinide and Acarbose Are Comparably Effective Reducers of Postprandial Glycemic Excursions in Chinese Antihyperglycemic Agent-naïve Subjects with Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 481-488.	2.4	18
104	Alanine Aminotransferase Is Associated with an Adverse Nocturnal Blood Glucose Profile in Individuals with Normal Glucose Regulation. <i>PLoS ONE</i> , 2013, 8, e56072.	1.1	7
105	Relationship between HbA1c and Continuous Glucose Monitoring in Chinese Population: A Multicenter Study. <i>PLoS ONE</i> , 2013, 8, e83827.	1.1	29
106	The Accuracy and Efficacy of Real-Time Continuous Glucose Monitoring Sensor in Chinese Diabetes Patients: A Multicenter Study. <i>Diabetes Technology and Therapeutics</i> , 2012, 14, 710-718.	2.4	13
107	Phenotypic heterogeneity in Chinese patients with hepatocyte nuclear factor-1 β mutations. <i>Diabetes Research and Clinical Practice</i> , 2012, 95, 119-124.	1.1	5
108	Serum Metabolic Signatures of Fulminant Type 1 Diabetes. <i>Journal of Proteome Research</i> , 2012, 11, 4705-4711.	1.8	30

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109	Establishment of normal reference ranges for glycemic variability in Chinese subjects using continuous glucose monitoring. <i>Medical Science Monitor</i> , 2011, 17, CR9-CR13.	0.5	70
110	Continuous glucose monitoring in the patients with diabetic nephropathy. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2011, 16, 508-512.	0.5	1
111	Combined assessment of glycated albumin and fasting plasma glucose improves the detection of diabetes in Chinese subjects. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 974-979.	0.9	40
112	Fibroblast growth factor 21 levels are increased in nonalcoholic fatty liver disease patients and are correlated with hepatic triglyceride. <i>Journal of Hepatology</i> , 2010, 53, 934-940.	1.8	334
113	Reference Values for Continuous Glucose Monitoring in Chinese Subjects. <i>Diabetes Care</i> , 2009, 32, 1188-1193.	4.3	110
114	Glycemic variability and its responses to intensive insulin treatment in newly diagnosed type 2 diabetes. <i>Medical Science Monitor</i> , 2008, 14, CR552-8.	0.5	25