

# Yan Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

3,302  
citations

159358

30  
h-index

182168

51  
g-index

123  
all docs

123  
docs citations

123  
times ranked

6115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical characteristics and outcomes of patients with severe covid-19 with diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001343.	1.2	409
2	The triglyceride and glucose index (TyG) is an effective biomarker to identify nonalcoholic fatty liver disease. <i>Lipids in Health and Disease</i> , 2017, 16, 15.	1.2	144
3	Association of the insulin resistance marker TyG index with the severity and mortality of COVID-19. <i>Cardiovascular Diabetology</i> , 2020, 19, 58.	2.7	115
4	MicroRNA-218 functions as a tumor suppressor in lung cancer by targeting IL-6/STAT3 and negatively correlates with poor prognosis. <i>Molecular Cancer</i> , 2017, 16, 141.	7.9	114
5	Intranasal Insulin Ameliorates Tau Hyperphosphorylation in a Rat Model of Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 329-338.	1.2	92
6	Subcutaneous Administration of Liraglutide Ameliorates Alzheimer-Associated Tau Hyperphosphorylation in Rats with Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 637-648.	1.2	82
7	Enhanced Bioactivity and Bacteriostasis of Surface Fluorinated Polyetheretherketone. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16824-16833.	4.0	79
8	Advances in SELEX and application of aptamers in the central nervous system. <i>New Biotechnology</i> , 2007, 24, 583-592.	2.7	75
9	Exendin-4, a Glucagon-Like Peptide-1 Receptor Agonist, Reduces Alzheimer Disease-Associated Tau Hyperphosphorylation in the Hippocampus of Rats with Type 2 Diabetes. <i>Journal of Investigative Medicine</i> , 2015, 63, 267-272.	0.7	69
10	Physical properties and hydration behavior of a fast-setting bioceramic endodontic material. <i>BMC Oral Health</i> , 2016, 16, 23.	0.8	68
11	1,25(OH) <sub>2</sub> D <sub>3</sub> attenuates hepatic steatosis by inducing autophagy in mice. <i>Obesity</i> , 2017, 25, 561-571.	1.5	65
12	Incretin-based agents in type 2 diabetic patients at cardiovascular risk: compare the effect of GLP-1 agonists and DPP-4 inhibitors on cardiovascular and pancreatic outcomes. <i>Cardiovascular Diabetology</i> , 2017, 16, 31.	2.7	64
13	The potential association between common comorbidities and severity and mortality of coronavirus disease 2019: A pooled analysis. <i>Clinical Cardiology</i> , 2020, 43, 1478-1493.	0.7	64
14	Baicalein protects against polymicrobial sepsis-induced liver injury via inhibition of inflammation and apoptosis in mice. <i>European Journal of Pharmacology</i> , 2015, 748, 45-53.	1.7	63
15	Reactivating PP2A by FTY720 as a Novel therapy for AML with C&KIT tyrosine kinase domain mutation. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1314-1322.	1.2	60
16	Capsaicin reduces Alzheimer-associated tau changes in the hippocampus of type 2 diabetes rats. <i>PLoS ONE</i> , 2017, 12, e0172477.	1.1	57
17	In Vitro Study of Calcium Hydroxide Removal from Mandibular Molar Root Canals. <i>Journal of Endodontics</i> , 2015, 41, 553-558.	1.4	53
18	Baicalein pretreatment reduces liver ischemia/reperfusion injury via induction of autophagy in rats. <i>Scientific Reports</i> , 2016, 6, 25042.	1.6	53

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19	Young plasma reverses age-dependent alterations in hepatic function through the restoration of autophagy. <i>Aging Cell</i> , 2018, 17, e12708.	3.0	53
20	Early intervention with glucagon-like peptide 1 analog liraglutide prevents tau hyperphosphorylation in diabetic db/db mice. <i>Journal of Neurochemistry</i> , 2015, 135, 301-308.	2.1	51
21	Body-Weight Fluctuation Was Associated With Increased Risk for Cardiovascular Disease, All-Cause and Cardiovascular Mortality: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2019, 10, 728.	1.5	48
22	Protective Action of Liraglutide in Beta Cells Under Lipotoxic Stress Via PI3K/Akt/FoxO1 Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1166-1175.	1.2	47
23	Dipeptidyl peptidase-4 inhibition improves endothelial senescence by activating AMPK/SIRT1/Nrf2 signaling pathway. <i>Biochemical Pharmacology</i> , 2020, 177, 113951.	2.0	45
24	Baicalein pretreatment protects against liver ischemia/reperfusion injury via inhibition of NF- $\kappa$ B pathway in mice. <i>International Immunopharmacology</i> , 2015, 24, 72-79.	1.7	44
25	GSK-3 $\beta$ Inhibition Attenuates CLP-Induced Liver Injury by Reducing Inflammation and Hepatic Cell Apoptosis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	41
26	Long Term Exendin-4 Treatment Reduces Food Intake and Body Weight and Alters Expression of Brain Homeostatic and Reward Markers. <i>Endocrinology</i> , 2014, 155, 3473-3483.	1.4	38
27	Endoplasmic reticulum stress-mediated autophagy protects against lipopolysaccharide-induced apoptosis in HL-1 cardiomyocytes. <i>Experimental Physiology</i> , 2014, 99, 1348-1358.	0.9	38
28	Mutations or copy number losses of CD58 and TP53 genes in diffuse large B cell lymphoma are independent unfavorable prognostic factors. <i>Oncotarget</i> , 2016, 7, 83294-83307.	0.8	38
29	Association between omega-3 fatty acids consumption and the risk of type 2 diabetes: A meta-analysis of cohort studies. <i>Journal of Diabetes Investigation</i> , 2017, 8, 480-488.	1.1	36
30	Evaluation of the Susceptibility of Multispecies Biofilms in Dental Tubules to Disinfecting Solutions. <i>Journal of Endodontics</i> , 2016, 42, 1246-1250.	1.4	35
31	WaveOne Rotary Instruments after Clinical Use. <i>Journal of Endodontics</i> , 2016, 42, 186-189.	1.4	35
32	Betulinic Acid Induces ROS-Dependent Apoptosis and S-Phase Arrest by Inhibiting the NF- $\kappa$ B Pathway in Human Multiple Myeloma. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	35
33	Immunomodulation by Exosomes in Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 28-36.	1.1	32
34	TACC3 overexpression in cholangiocarcinoma correlates with poor prognosis and is a potential anti-cancer molecular drug target for HDAC inhibitors. <i>Oncotarget</i> , 2016, 7, 75441-75456.	0.8	30
35	Silencing of AURKA augments the antitumor efficacy of the AURKA inhibitor MLN8237 on neuroblastoma cells. <i>Cancer Cell International</i> , 2020, 20, 9.	1.8	28
36	17 $\alpha$ -hydroxylase/17,20-lyase deficiency in congenital adrenal hyperplasia: A case report. <i>Molecular Medicine Reports</i> , 2017, 15, 339-344.	1.1	26

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37	Insulin upregulates betatrophin expression via PI3K/Akt pathway. <i>Scientific Reports</i> , 2017, 7, 5594.	1.6	26
38	Nanofactory for metabolic and chemodynamic therapy: pro-tumor lactate trapping and anti-tumor ROS transition. <i>Journal of Nanobiotechnology</i> , 2021, 19, 426.	4.2	26
39	Carbon monoxide ameliorates hepatic ischemia/reperfusion injury via sirtuin 1-mediated deacetylation of high-mobility group box 1 in rats. <i>Liver Transplantation</i> , 2017, 23, 510-526.	1.3	24
40	sEH Inhibitor Tppu Ameliorates Cecal Ligation and Puncture-Induced Sepsis by Regulating Macrophage Functions. <i>Shock</i> , 2020, 53, 761-771.	1.0	23
41	Factors contributing to glycemic control in diabetes mellitus patients complying with home quarantine during the coronavirus disease 2019 (COVID-19) epidemic. <i>Diabetes Research and Clinical Practice</i> , 2020, 170, 108514.	1.1	23
42	Association between antidiabetic agents use and leukocyte telomere shortening rates in patients with type 2 diabetes. <i>Aging</i> , 2019, 11, 741-755.	1.4	23
43	Chitosan/pshRNA plasmid nanoparticles targeting MDR1 gene reverse paclitaxel resistance in ovarian cancer cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2009, 29, 239-242.	1.0	22
44	Quantitative comparison of calcium hydroxide removal by endoactivator, ultrasonic and protaper file agitation techniques: An in vitro study. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 142-145.	1.0	22
45	Exendin-4 reduces tau hyperphosphorylation in type 2 diabetic rats via increasing brain insulin level. <i>Molecular and Cellular Neurosciences</i> , 2016, 70, 68-75.	1.0	22
46	Nano Textured PEEK Surface for Enhanced Osseointegration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1279-1289.	2.6	22
47	Ischemic preconditioning attenuates ischemia/reperfusion injury in rat steatotic liver: role of heme oxygenase-1-mediated autophagy. <i>Oncotarget</i> , 2016, 7, 78372-78386.	0.8	22
48	A Growing Link between Circadian Rhythms, Type 2 Diabetes Mellitus and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 504.	1.8	22
49	Targeting the Negative Feedback of Adenosine <sub>2A</sub> AR Metabolic Pathway by a Tailored Nanoinhibitor for Photothermal Immunotherapy. <i>Advanced Science</i> , 2022, 9, e2104182.	5.6	21
50	Integrative Analysis of Proteome and Ubiquitylome Reveals Unique Features of Lysosomal and Endocytic Pathways in Gefitinib-Resistant Non-Small Cell Lung Cancer Cells. <i>Proteomics</i> , 2018, 18, e1700388.	1.3	20
51	Long-term liraglutide ameliorates nigrostriatal impairment via regulating AMPK/PGC-1 $\alpha$ signaling in diabetic mice. <i>Brain Research</i> , 2019, 1714, 126-132.	1.1	20
52	14-3-3 $\eta$ and pAKC- $\beta$ synergistically facilitate epithelial-mesenchymal transition of cholangiocarcinoma via GSK-3 $\beta$ /snail signaling pathway. <i>Oncotarget</i> , 2016, 7, 55191-55210.	0.8	20
53	EETs reduces LPS-induced hyperpermeability by targeting GRP78 mediated Src activation and subsequent Rho/ROCK signaling pathway. <i>Oncotarget</i> , 2017, 8, 50958-50971.	0.8	20
54	Exendin-4 reduces food intake via the PI3K/AKT signaling pathway in the hypothalamus. <i>Scientific Reports</i> , 2017, 7, 6936.	1.6	19

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55	Risks of maternal prepregnancy overweight/obesity, excessive gestational weight gain, and bottle-feeding in infancy rapid weight gain: evidence from a cohort study in China. <i>Science China Life Sciences</i> , 2019, 62, 1580-1589.	2.3	19
56	A novel hydroxyapatite-binding antimicrobial peptide against oral biofilms. <i>Clinical Oral Investigations</i> , 2019, 23, 2705-2712.	1.4	19
57	Dual Closed-Loop of Catalyzed Lactate Depletion and Immune Response to Potentiate Photothermal Immunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 23260-23276.	4.0	19
58	FK866 attenuates acute hepatic failure through c-jun-N-terminal kinase (JNK)-dependent autophagy. <i>Scientific Reports</i> , 2017, 7, 2206.	1.6	18
59	Endothelium-specific CYP2J2 overexpression attenuates age-related insulin resistance. <i>Aging Cell</i> , 2018, 17, e12718.	3.0	18
60	The factors contributing to cognitive dysfunction in type 2 diabetic patients. <i>Annals of Translational Medicine</i> , 2020, 8, 104-104.	0.7	17
61	Association between weight cycling and risk of developing diabetes in adults: A systematic review and meta-analysis. <i>Journal of Diabetes Investigation</i> , 2021, 12, 625-632.	1.1	17
62	Nanovaccine biomineralization for cancer immunotherapy: a NADPH oxidase-inspired strategy for improving antigen cross-presentation via lipid peroxidation. <i>Biomaterials</i> , 2021, 277, 121089.	5.7	17
63	A Micro-Computed Tomographic Assessment of the Influence of Operator's Experience on the Quality of WaveOne Instrumentation. <i>Journal of Endodontics</i> , 2016, 42, 1258-1262.	1.4	14
64	The dose of HBV genome contained plasmid has a great impact on HBV persistence in hydrodynamic injection mouse model. <i>Virology Journal</i> , 2017, 14, 205.	1.4	14
65	The Enhanced International Prognostic Index for Diffuse Large B-cell Lymphoma. <i>American Journal of the Medical Sciences</i> , 2017, 353, 459-465.	0.4	13
66	Compound heterozygous protein C deficiency in a family with venous thrombosis: Identification and in vitro study of p.Asp297His and p.Val420Leu mutations. <i>Gene</i> , 2015, 563, 35-40.	1.0	12
67	Evaluation of Quality and Preparation Time of Retrograde Cavities in Root Canals Filled with GuttaCore and Cold Lateral Condensation Technique. <i>Journal of Endodontics</i> , 2018, 44, 639-642.	1.4	12
68	Genetic Regulation of the Thymic Stromal Lymphopoietin (TSLP)/TSLP Receptor (TSLPR) Gene Expression and Influence of Epistatic Interactions Between IL-33 and the TSLP/TSLPR Axis on Risk of Coronary Artery Disease. <i>Frontiers in Immunology</i> , 2018, 9, 1775.	2.2	12
69	Liraglutide improves hepatic insulin resistance via the canonical Wnt signaling pathway. <i>Molecular Medicine Reports</i> , 2018, 17, 7372-7380.	1.1	11
70	Inhibition of soluble epoxide hydrolase alleviates insulin resistance and hypertension via downregulation of SGLT2 in the mouse kidney. <i>Journal of Biological Chemistry</i> , 2021, 296, 100667.	1.6	11
71	Liver Kinase B1/AMP-Activated Protein Kinase Pathway Activation Attenuated the Progression of Endotoxemia in the Diabetic Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 761-779.	1.1	11
72	-308 G>A of TNF- $\alpha$ gene promoter decreases the risk of multiple sclerosis: a meta-analysis. <i>Multiple Sclerosis Journal</i> , 2011, 17, 658-665.	1.4	10

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73	Association between Liver Enzymes with Metabolically Unhealthy Obese Phenotype. <i>Lipids in Health and Disease</i> , 2018, 17, 198.	1.2	10
74	Epoxyeicosatrienoic acids improve glucose homeostasis by preventing NF- $\kappa$ B-mediated transcription of SGLT2 in renal tubular epithelial cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 523, 111149.	1.6	10
75	FoxO4 negatively modulates USP10 transcription to aggravate the apoptosis and oxidative stress of hypoxia/reoxygenation-induced cardiomyocytes by regulating the Hippo/YAP pathway. <i>Journal of Bioenergetics and Biomembranes</i> , 2021, 53, 541-551.	1.0	10
76	Correlation of liver enzymes with diabetes and pre-diabetes in middle-aged rural population in China. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 53-58.	1.0	9
77	Analysis of the genetic association between IL27 variants and coronary artery disease in a Chinese Han population. <i>Scientific Reports</i> , 2016, 6, 25782.	1.6	9
78	Glycemic index, glycemic load, and glycemic response to pomelo in patients with type 2 diabetes. <i>Current Medical Science</i> , 2017, 37, 711-718.	0.7	9
79	Age-related changes in mineralocorticoid receptors in rat hearts. <i>Molecular Medicine Reports</i> , 2020, 22, 1859-1867.	1.1	9
80	Genetic analysis in Factor XI deficient patients from central China: Identification of one novel and seven recurrent mutations. <i>Gene</i> , 2015, 561, 101-106.	1.0	8
81	Perinatal risk factors for obstructive sleep apnea syndrome in children. <i>Sleep Medicine</i> , 2018, 52, 145-149.	0.8	8
82	Human kallikrein overexpression alleviates cardiac aging by alternatively regulating macrophage polarization in aged rats. <i>FASEB Journal</i> , 2019, 33, 8436-8452.	0.2	8
83	Shorter leucocyte telomere length as a potential biomarker for nonalcoholic fatty liver disease-related advanced fibrosis in T2DM patients. <i>Annals of Translational Medicine</i> , 2020, 8, 308-308.	0.7	8
84	The Association between Antidiabetic Agents and Leukocyte Telomere Length in the Novel Classification of Type 2 Diabetes Mellitus. <i>Gerontology</i> , 2021, 67, 60-68.	1.4	7
85	Disruption of Circadian Clocks Promotes Progression of Alzheimer's Disease in Diabetic Mice. <i>Molecular Neurobiology</i> , 2021, 58, 4404-4412.	1.9	7
86	Moxifloxacin suppresses airway inflammation and modulates expression of caveolin-1 and flotillin-1 in airway smooth muscle cells of asthmatic rats. <i>Annals of Translational Medicine</i> , 2019, 7, 469-469.	0.7	7
87	Association of leukocyte telomere length with non-alcoholic fatty liver disease in patients with type 2 diabetes. <i>Chinese Medical Journal</i> , 2019, 132, 2927-2933.	0.9	6
88	High-dose dexamethasone suppression test is inferior to pituitary dynamic enhanced MRI in the differential diagnosis of ACTH-dependent Cushing's syndrome. <i>Endocrine</i> , 2022, 75, 516-524.	1.1	6
89	Analysis of cardiovascular risks for erectile dysfunction in Chinese patients with type 2 diabetes mellitus lacking clinical symptoms of cardiovascular diseases. <i>Translational Andrology and Urology</i> , 2020, 9, 2500-2509.	0.6	6
90	Acquired reactive perforating collagenosis. <i>Medicine (United States)</i> , 2020, 99, e20391.	0.4	5

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91	The Association Between Insulin Resistance, Leptin, and Resistin and Diabetic Nephropathy in Type 2 Diabetes Mellitus Patients with Different Body Mass Indexes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 2357-2365.	1.1	5
92	Circulating ANGPTL8 levels and risk of kidney function decline: Results from the 4C Study. <i>Cardiovascular Diabetology</i> , 2021, 20, 127.	2.7	5
93	lncRNA ST8SIA6-AS1 facilitates proliferation and invasion in liver cancer by regulating miR-142-3p. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1348.	0.8	5
94	Exendin-4 Improves Cognitive Function of Diabetic Mice via Increasing Brain Insulin Synthesis. <i>Current Alzheimer Research</i> , 2021, 18, 546-557.	0.7	5
95	Roles of plasma leptin and resistin in novel subgroups of type 2 diabetes driven by cluster analysis. <i>Lipids in Health and Disease</i> , 2022, 21, 7.	1.2	5
96	Association of rs10954213 polymorphisms and haplotype diversity in interferon regulatory factor 5 with systemic lupus erythematosus: A meta-analysis. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 15-21.	1.0	4
97	Hyperosmolarity Deserves More Attention in Critically Ill COVID-19 Patients with Diabetes: A Cohort-Based Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 47-58.	1.1	4
98	Clinical relevance of serum immunoglobulin G4 in glucocorticoid therapy of Graves' ophthalmopathy. <i>Clinical Endocrinology</i> , 2021, 95, 657-667.	1.2	4
99	Durability of glycaemic control in type 2 diabetes: A systematic review and meta-analysis for its association with body weight changes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 208-217.	2.2	3
100	TCTP participates in hepatic metabolism by regulating gene expression involved in insulin resistance. <i>Gene</i> , 2021, 768, 145263.	1.0	3
101	Association of leukocyte telomere length with metabolic syndrome in type 2 diabetes mellitus. <i>Journal of Research in Medical Sciences</i> , 2021, 26, 43.	0.4	3
102	Soluble epoxide hydrolase deletion attenuated nicotine-induced arterial stiffness via limiting the loss of SIRT1. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H353-H368.	1.5	3
103	Association of ANGPTL8 and Resistin With Diabetic Nephropathy in Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2021, 12, 695750.	1.5	3
104	Decorin Induces Cardiac Hypertrophy by Regulating the CaMKII/MEF-2 Signaling Pathway In Vivo. <i>Current Medical Science</i> , 2021, 41, 857-862.	0.7	3
105	Basophil activation through ASGM1 stimulation triggers PAF release and anaphylaxis-like shock in mice. <i>European Journal of Immunology</i> , 2014, 44, 2468-2477.	1.6	2
106	Nuclear receptor TLX regulates islet beta cell proliferation via E2F6. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 560-566.	1.0	2
107	Trimetazidine ameliorates hindlimb ischaemic damage in type 2 diabetic mice. <i>Annals of Medicine</i> , 2021, 53, 1100-1108.	1.5	2
108	Chlorpromazine Efficiently Treats the Crisis of Pheochromocytoma: Four Case Reports and Literature Review. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 762371.	1.1	2

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109	Expert Consensus on Cognitive Dysfunction in Diabetes. <i>Current Medical Science</i> , 2022, 42, 286-303.	0.7	2
110	Tumor-induced osteomalacia with IgG4-related lymph node disease. <i>Chinese Medical Journal</i> , 2019, 132, 994-995.	0.9	1
111	Impact of Contextual Factors on the Attendance and Role in the Evidence-Based Chronic Disease Prevention Programs Among Primary Care Practitioners in Shanghai, China. <i>Frontiers in Public Health</i> , 2021, 9, 666135.	1.3	1
112	Cloning, expression and polyclonal antibody preparation of the asialoglycoprotein receptor of <i>Marmota himalayana</i> . <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2007, 27, 411-414.	1.0	0
113	YAN YANG, DDS, MDS, PhD Student, Stomatology Center of Tongji Hospital, Tongji Medical College, Huazhong University of Science & Technology, Wuhan, China – Visiting Scholar, Division of Endodontics, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2015, 32, 131-131.	0.5	0
114	Gender Difference in Liver Enzymes in Newly Defined Subgroups of Diabetes Revealed by a Data-Driven Cluster Analysis. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 758-764.	0.6	0