

# Tao Yang

## List of Publications by Year in descending order

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104  
papers

2,204  
citations

279798

23  
h-index

289244

40  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohort profile: Risk evaluation of cancers in Chinese diabetic individuals; a longitudinal (REACTION) study	11.8	147
2	Association of insulin resistance and $\beta$ -cell dysfunction with incident diabetes among adults in China: a nationwide, population-based, prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 115-124.	11.4	127
3	Predictive Factors of Type 2 Diabetes Mellitus Remission Following Bariatric Surgery: a Meta-analysis. <i>Obesity Surgery</i> , 2015, 25, 199-208.	2.1	109
4	Predictive Value of Fasting Glucose, Postload Glucose, and Hemoglobin A1c on Risk of Diabetes and Complications in Chinese Adults. <i>Diabetes Care</i> , 2019, 42, 1539-1548.	8.6	102
5	The relationship between insulin-sensitive obesity and cardiovascular diseases in a Chinese population. <i>International Journal of Cardiology</i> , 2014, 172, 388-394.	1.7	82
6	Fat Mass and Obesity-Associated Gene Enhances Oxidative Stress and Lipogenesis in Nonalcoholic Fatty Liver Disease. <i>Digestive Diseases and Sciences</i> , 2013, 58, 1004-1009.	2.3	72
7	Ideal Cardiovascular Health Metrics and Major Cardiovascular Events in Patients With Prediabetes and Diabetes. <i>JAMA Cardiology</i> , 2019, 4, 874.	6.1	70
8	Bethesda Categorization of Thyroid Nodule Cytology and Prediction of Thyroid Cancer Type and Prognosis. <i>Thyroid</i> , 2016, 26, 256-261.	4.5	66
9	Inhibition of Increased Circulating Tfh Cell by Anti-CD20 Monoclonal Antibody in Patients with Type 1 Diabetes. <i>PLoS ONE</i> , 2013, 8, e79858.	2.5	65
10	Identification of Novel T1D Risk Loci and Their Association With Age and Islet Function at Diagnosis in Autoantibody-Positive T1D Individuals: Based on a Two-Stage Genome-Wide Association Study. <i>Diabetes Care</i> , 2019, 42, 1414-1421.	8.6	60
11	Visceral Adiposity Index May Be a Surrogate Marker for the Assessment of the Effects of Obesity on Arterial Stiffness. <i>PLoS ONE</i> , 2014, 9, e104365.	2.5	56
12	Association of High Vitamin D Status with Low Circulating Thyroid-Stimulating Hormone Independent of Thyroid Hormone Levels in Middle-Aged and Elderly Males. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-6.	1.5	40
13	The positive association of branched-chain amino acids and metabolic dyslipidemia in Chinese Han population. <i>Lipids in Health and Disease</i> , 2016, 15, 120.	3.0	40
14	Association of Serum Bile Acids Profile and Pathway Dysregulation With the Risk of Developing Diabetes Among Normoglycemic Chinese Adults: Findings From the 4C Study. <i>Diabetes Care</i> , 2021, 44, 499-510.	8.6	40
15	Association between rs13266634 C/T polymorphisms of solute carrier family 30 member 8 (SLC30A8) and type 2 diabetes, impaired glucose tolerance, type 1 diabetes: A meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2011, 91, 195-202.	2.8	39
16	Relationship between Branched-Chain Amino Acids, Metabolic Syndrome, and Cardiovascular Risk Profile in a Chinese Population: A Cross-Sectional Study. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-10.	1.5	39
17	Individual and Combined Associations of Modifiable Lifestyle and Metabolic Health Status With New-Onset Diabetes and Major Cardiovascular Events: The China Cardiometabolic Disease and Cancer Cohort (4C) Study. <i>Diabetes Care</i> , 2020, 43, 1929-1936.	8.6	36
18	Early Life Famine Exposure, Ideal Cardiovascular Health Metrics, and Risk of Incident Diabetes: Findings From the 4C Study. <i>Diabetes Care</i> , 2020, 43, 1902-1909.	8.6	36

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19	UCP2 -866G/A, Ala55Val and UCP3 -55C/T Polymorphisms in Association with Obesity Susceptibility â€” A Meta-Analysis Study. PLoS ONE, 2013, 8, e58939.	2.5	32
20	Associations between Two Polymorphisms (FokI and BsmI) of Vitamin D Receptor Gene and Type 1 Diabetes Mellitus in Asian Population: A Meta-Analysis. PLoS ONE, 2014, 9, e89325.	2.5	31
21	Age-specific modifiable risk factor profiles for cardiovascular disease and all-cause mortality: a nationwide, population-based, prospective cohort study. The Lancet Regional Health - Western Pacific, 2021, 17, 100277.	2.9	31
22	Dorzagliatin add-on therapy to metformin in patients with type 2 diabetes: a randomized, double-blind, placebo-controlled phase 3 trial. Nature Medicine, 2022, 28, 974-981.	30.7	31
23	Association Between Insulin Resistance and Cardiovascular Disease Risk Varies According to Glucose Tolerance Status: A Nationwide Prospective Cohort Study. Diabetes Care, 2022, 45, 1863-1872.	8.6	30
24	Hepatocytes derived extracellular vesicles from high-fat diet induced obese mice modulate genes expression and proliferation of islet Î² cells. Biochemical and Biophysical Research Communications, 2019, 516, 1159-1166.	2.1	27
25	High Prevalence of a Monogenic Cause in Han Chinese Diagnosed With Type 1 Diabetes, Partly Driven by Nonsyndromic Recessive <i>WFS1</i> Mutations. Diabetes, 2020, 69, 121-126.	0.6	26
26	Age-related disparities in diabetes risk attributable to modifiable risk factor profiles in Chinese adults: a nationwide, population-based, cohort study. The Lancet Healthy Longevity, 2021, 2, e618-e628.	4.6	24
27	Increased Th22 cells are independently associated with Th17 cells in type 1 diabetes. Endocrine, 2014, 46, 90-98.	2.3	23
28	Coexistence of Histologically Confirmed Hashimoto's Thyroiditis with Different Stages of Papillary Thyroid Carcinoma in a Consecutive Chinese Cohort. International Journal of Endocrinology, 2014, 2014, 1-7.	1.5	21
29	CTLA-4 +49G/A, a functional T1D risk SNP, affects CTLA-4 level in Treg subsets and IA-2A positivity, but not beta-cell function. Scientific Reports, 2018, 8, 10074.	3.3	21
30	Inverse relationship between serum Metrnl levels and visceral fat obesity (VFO) in patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2020, 161, 108068.	2.8	21
31	IFIH1 gene polymorphisms in type 1 diabetes: genetic association analysis and genotype-phenotype correlation in Chinese Han population. Autoimmunity, 2012, 45, 226-232.	2.6	20
32	Low serum free thyroxine concentrations associate with increased arterial stiffness in euthyroid subjects: a population-based cross-sectional study. Endocrine, 2015, 50, 465-473.	2.3	20
33	Non-alcoholic fatty liver disease, metabolic goal achievement with incident cardiovascular disease and eGFR-based chronic kidney disease in patients with prediabetes and diabetes. Metabolism: Clinical and Experimental, 2021, 124, 154874.	3.4	20
34	Characterization of immune response to novel HLA-A2-restricted epitopes from zinc transporter 8 in type 1 diabetes. Vaccine, 2016, 34, 854-862.	3.8	19
35	Î³-Cells: The Neighborhood Watch in the Islet Community. Biology, 2021, 10, 74.	2.8	19
36	Islet neogenesis-associated protein-related pentadecapeptide enhances the differentiation of islet-like clusters from human pancreatic duct cells. Peptides, 2009, 30, 2242-2249.	2.4	18

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37	Discordant association of islet autoantibodies with high-risk HLA genes in Chinese type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 899-905.	4.0	18
38	The Relationship between Serum 25-Hydroxy Vitamin D and Insulin Sensitivity and $\beta$ -Cell Function in Newly Diagnosed Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-5.	2.3	18
39	Aberrant activation of Notch-1 signaling inhibits podocyte restoration after islet transplantation in a rat model of diabetic nephropathy. <i>Cell Death and Disease</i> , 2018, 9, 950.	6.3	18
40	Circulating microRNA-135a-3p in serum extracellular vesicles as a potential biological marker of non-alcoholic fatty liver disease. <i>Molecular Medicine Reports</i> , 2021, 24, .	2.4	17
41	Evolutionary features of thyroid cancer in patients with thyroidectomies from 2008 to 2013 in China. <i>Scientific Reports</i> , 2016, 6, 28414.	3.3	15
42	ICPis-Induced Autoimmune Polyendocrine Syndrome Type 2: A Review of the Literature and a Protocol for Optimal Management. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4208-e4218.	3.6	15
43	Hypertension Defined by 2017 ACC/AHA Guideline, Ideal Cardiovascular Health Metrics, and Risk of Cardiovascular Disease: A Nationwide Prospective Cohort Study. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 20, 100350.	2.9	15
44	Steroids for the treatment of methimazole-induced severe cholestatic jaundice in a 74-year-old woman with type 2 diabetes. <i>Endocrine</i> , 2010, 37, 241-243.	2.3	14
45	Rs2227982 and rs2227981 in PDCD1 gene are functional SNPs associated with T1D risk in East Asian. <i>Acta Diabetologica</i> , 2018, 55, 813-819.	2.5	14
46	Follicular Regulatory T Cells Are Associated With $\beta$ -Cell Autoimmunity and the Development of Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4199-4213.	3.6	14
47	Glutamic Acid Decarboxylase Autoantibody Detection by Electrochemiluminescence Assay Identifies Latent Autoimmune Diabetes in Adults with Poor Islet Function. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 260.	4.7	14
48	Multipeptide-coupled nanoparticles induce tolerance in humanised HLA-transgenic mice and inhibit diabetogenic CD8+ T cell responses in type 1 diabetes. <i>Diabetologia</i> , 2017, 60, 2418-2431.	6.3	13
49	Establishment of clinical diagnosis model of Graves disease and Hashimoto's thyroiditis. <i>Journal of Translational Medicine</i> , 2019, 17, 11.	4.4	13
50	Fat Mass and Obesity Associated Gene (FTO) Expression Is Regulated Negatively by the Transcription Factor Foxa2. <i>PLoS ONE</i> , 2012, 7, e51082.	2.5	13
51	Prediction of HLA class I-restricted T-cell epitopes of islet autoantigen combined with binding and dissociation assays. <i>Autoimmunity</i> , 2012, 45, 176-185.	2.6	12
52	Association between birth weight and diabetes: Role of body mass index and lifestyle in later life. <i>Journal of Diabetes</i> , 2020, 12, 10-20.	1.8	12
53	Immune Checkpoint Inhibitor-Induced Adrenalitis and Primary Adrenal Insufficiency: Systematic Review and Optimal Management. <i>Endocrine Practice</i> , 2021, 27, 165-169.	2.1	12
54	Elevated thyroid stimulating hormone levels are associated with metabolic syndrome in a Chinese community-based population of euthyroid people aged 40 years and older. <i>Journal of Biomedical Research</i> , 2016, 30, 476.	1.6	12

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55	Metabolomics study reveals systematic metabolic dysregulation and early detection markers associated with incident pancreatic cancer. <i>International Journal of Cancer</i> , 2022, 150, 1091-1100.	5.1	12
56	Experimental research Erythropoietin promotes peripheral nerve regeneration in rats by upregulating expression of insulin-like growth factor-1. <i>Archives of Medical Science</i> , 2015, 2, 433-437.	0.9	11
57	&lt;p&gt;Diabetes mellitus predicts inferior survival in diffuse large B-cell lymphoma: a propensity score-matched analysis&lt;/p&gt;. <i>Cancer Management and Research</i> , 2019, Volume 11, 2849-2870.	1.9	11
58	CHL1 promotes insulin secretion and negatively regulates the proliferation of pancreatic $\beta^2$ cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 1095-1102.	2.1	11
59	Temporal metabolic and transcriptomic characteristics crossing islets and liver reveal dynamic pathophysiology in diet-induced diabetes. <i>IScience</i> , 2021, 24, 102265.	4.1	11
60	R11 peptides can promote the molecular imaging of spherical nucleic acids for bladder cancer margin identification. <i>Nano Research</i> , 2022, 15, 2278-2287.	10.4	11
61	Association of education levels with the risk of hypertension and hypertension control: a nationwide cohort study in Chinese adults. <i>Journal of Epidemiology and Community Health</i> , 2022, 76, 451-457.	3.7	11
62	Impaired Insulin Clearance as the Initial Regulator of Obesity-Associated Hyperinsulinemia: Novel Insight Into the Underlying Mechanism Based on Serum Bile Acid Profiles. <i>Diabetes Care</i> , 2022, 45, 425-435.	8.6	11
63	Type 2 Diabetes Risk Allele UBE2E2 Is Associated With Decreased Glucose-Stimulated Insulin Release in Elderly Chinese Han Individuals. <i>Medicine (United States)</i> , 2016, 95, e3604.	1.0	10
64	High concentrations of triglycerides are associated with diabetic kidney disease in new-onset type 2 diabetes in China: Findings from the China Health and Nutrition Survey (CHNS) cohort (CARDIOMETABOLIC DISEASE AND CANCER COHORT STUDY). <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2551-2560.	4.4	10
65	High L-Valine Concentrations Associate with Increased Oxidative Stress and Newly-Diagnosed Type 2 Diabetes Mellitus: A Cross-Sectional Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022, Volume 15, 499-509.	2.4	10
66	Association between calcaneus quantitative ultrasound (QUS) parameters and thyroid status in middle-aged and elderly Chinese men with euthyroidism: a population-based cross-sectional study. <i>Endocrine</i> , 2014, 47, 227-233.	2.3	9
67	A Chinese risk score model for identifying postprandial hyperglycemia without oral glucose tolerance test. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 284-290.	4.0	9
68	Downregulation of microRNA-448 improves isoflurane-induced learning and memory impairment in rats. <i>Molecular Medicine Reports</i> , 2017, 16, 1578-1583.	2.4	9
69	Cardiovascular Risk Based on ASCVD and KDIGO Categories in Chinese Adults: A Nationwide, Population-Based, Prospective Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 927-937.	6.1	9
70	The heterogeneity of islet autoantibodies and the progression of islet failure in type 1 diabetic patients. <i>Science China Life Sciences</i> , 2016, 59, 930-939.	4.9	8
71	Safety, Pharmacokinetics, and Pharmacodynamics of Globalaglatin, a Glucokinase Activator, in Chinese Patients with Type 2 Diabetes Mellitus: A Randomized, Phase Ib, 28-day Ascending Dose Study. <i>Clinical Drug Investigation</i> , 2020, 40, 1155-1166.	2.2	8
72	Cholecystectomy is an independent factor of enhanced insulin release and impaired insulin sensitivity. <i>Diabetes Research and Clinical Practice</i> , 2020, 162, 108080.	2.8	8

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73	Annual Financial Impact of Thyroidectomies for Nodular Thyroid Disease in China. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 5921-5926.	1.2	8
74	Circulating PCSK9 levels and 2-hPG are positively correlated in metabolic diseases in a Chinese Han population. <i>Lipids in Health and Disease</i> , 2018, 17, 15.	3.0	7
75	Targeted lipidomics reveals associations between serum sphingolipids and insulin sensitivity measured by the hyperinsulinemic-euglycemic clamp. <i>Diabetes Research and Clinical Practice</i> , 2021, 173, 108699.	2.8	7
76	Association of Serum Uric Acid with 2-Hour Postload Glucose in Chinese with Impaired Fasting Plasma Glucose and/or HbA1c. <i>PLoS ONE</i> , 2013, 8, e67759.	2.5	6
77	Cross-cultural adaption and psychometric properties of the Chinese version of the Diabetes Behavior Rating Scale: a pilot study. <i>Science China Life Sciences</i> , 2018, 61, 310-317.	4.9	6
78	Individual and Combined Cardiometabolic Morbidities and the Subsequent Risk of Cardiovascular Events in Chinese Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e84-e94.	3.6	6
79	Multiplex ratiometric gold nanoprobe based on surface-enhanced Raman scattering enable accurate molecular detection and imaging of bladder cancer. <i>Nano Research</i> , 2022, 15, 3487-3495.	10.4	6
80	Interferon- $\gamma$ promotes MHC I antigen presentation of islet $\beta$ cells through STAT1-IRF7 pathway in type 1 diabetes. <i>Immunology</i> , 2022, 166, 210-221.	4.4	6
81	A systematic survey on the diagnosis strategy and patient management of type 1 diabetes by Chinese physicians. <i>Science China Life Sciences</i> , 2018, 61, 318-327.	4.9	5
82	Autoimmune thyroid disease correlates to islet autoimmunity on zinc transporter 8 autoantibody. <i>Endocrine Connections</i> , 2021, 10, 534-542.	1.9	5
83	Comparison of two different standards of care in detecting malignant thyroid nodules using thyroid fine-needle aspiration. <i>Molecular and Clinical Oncology</i> , 2015, 3, 682-686.	1.0	4
84	Impaired $\beta$ -cell function and decreased insulin sensitivity in subjects with normal oral glucose tolerance but isolated high glycosylated hemoglobin. <i>Endocrine Journal</i> , 2018, 65, 13-22.	1.6	4
85	Efficacy and safety of stem cells transplantation in patients with type 1 diabetes mellitus—a systematic review and meta-analysis. <i>Endocrine Journal</i> , 2020, 67, 827-840.	1.6	4
86	The association and joint effect of serum cholesterol, glycemic status with the risk of incident cancer among middle-aged and elderly population in china cardiometabolic disease and cancer cohort (4C)-study. <i>American Journal of Cancer Research</i> , 2020, 10, 975-986.	1.4	4
87	Phosphoproteome reveals molecular mechanisms of aberrant rhythm in neurotransmitter-mediated islet hormone secretion in diabetic mice. <i>Clinical and Translational Medicine</i> , 2022, 12, .	4.0	4
88	Mapping I-Ag7 restricted epitopes in murine G6PC2. <i>Immunologic Research</i> , 2013, 55, 91-99.	2.9	3
89	Screening and identification of human ZnT8-specific single-chain variable fragment (scFv) from type 1 diabetes phage display library. <i>Science China Life Sciences</i> , 2016, 59, 686-693.	4.9	3
90	Association of soy food with cardiovascular outcomes and all-cause mortality in a Chinese population: a nationwide prospective cohort study. <i>European Journal of Nutrition</i> , 2022, 61, 1609-1620.	3.9	3

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91	The Frequency of Intrathyroidal Follicular Helper T Cells Varies with the Progression of Gravesâ€™ Disease and Hashimotoâ€™s Thyroiditis. <i>Journal of Immunology Research</i> , 2022, 2022, 1-13.	2.2	3
92	Islet neogenesis-associated protein-related pentadecapeptide improves the function of allograft after islets transplantation. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2014, 27, 1167-73.	0.9	2
93	The associations between three genome-wide risk variants for serum C-peptide of T1D and autoantibody-positive T1D risk, and clinical characteristics in Chinese population. <i>Journal of Human Genetics</i> , 2020, 65, 297-303.	2.3	2
94	Genome-Wide Identification of N6-Methyladenosine Associated SNPs as Potential Functional Variants for Type 1 Diabetes. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	2
95	Identification of novel HLA-A0201-restricted T-cell epitopes against thyroid antigens in autoimmune thyroid diseases. <i>Endocrine</i> , 2020, 69, 562-570.	2.3	1
96	Differences in Maturation Status and Immune Phenotypes of Circulating Helios+ and Heliosâ€™ Tregs and Their Disrupted Correlations With Monocyte Subsets in Autoantibody-Positive T1D Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 628504.	4.8	1
97	Differences of Circulating CD25hi Bregs and Their Correlations with CD4 Effector and Regulatory T Cells in Autoantibody-Positive T1D Compared with Age-Matched Healthy Individuals. <i>Journal of Immunology Research</i> , 2022, 2022, 1-9.	2.2	1
98	High Residual Î²-cell Function in Chinese Patients With Autoimmune Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2348-e2358.	3.6	1
99	Rs864745 in JAZF1, an Islet Function Associated Variant, Correlates With Plasma Lipid Levels in Both Type 1 and Type 2 Diabetes Status, but Not Healthy Subjects. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	1
100	The Relative Body Weight Gain From Early to Middle Life Adulthood Associated With Later Life Risk of Diabetes: A Nationwide Cohort Study. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	1
101	Silencing of Id2 Alleviates Chronic Neuropathic Pain Following Chronic Constriction Injury. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 99-105.	2.3	0
102	The common rs13266634 Câ€™T variant in SLC30A8 contributes to the heterogeneity of phenotype and clinical features of both type 1 and type 2 diabetic subtypes. <i>Acta Diabetologica</i> , 2022, 59, 545.	2.5	0
103	Constructing a metabolic integral score model for the quantification of metabolic dysfunction and tendency. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 658-665.	2.6	0
104	Depression Status, Lifestyle, and Metabolic Factors With Subsequent Risk for Major Cardiovascular Events: The China Cardiometabolic Disease and Cancer Cohort (4C) Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	0