

# Chao Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67 papers	1,221 citations	17 h-index	33 g-index
77 ext. papers	1,844 ext. citations	4.1 avg, IF	4.09 L-index

#	Paper	IF	Citations
67	Traditional Chinese medicine Lingguizhugan decoction ameliorate HFD-induced hepatic-lipid deposition in mice by inhibiting STING-mediated inflammation in macrophages.. <i>Chinese Medicine</i> , <b>2022</b> , 17, 7	4.7	0
66	Vitamin D is negatively associated with triglyceride in overweight/obese patients with type 2 diabetes.. <i>Endocrine</i> , <b>2022</b> , 1	4	0
65	Factors Defining the Association Between Vitamin D and Testosterone in Males With Type 2 Diabetes and Hypogonadism.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 842722	5.7	
64	Aerobic Training Reduces Pancreatic Fat Content and Improves $\beta$ cell Function: A Randomized Controlled Trial Using IDEAL-IQ Magnetic Resonance Imaging.. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2021</b> , e3516	7.5	0
63	Bone Turnover Markers in Response to Ultrasound-Guided Microwave Ablation for Primary Hyperparathyroidism.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 782050	5.7	
62	The Characteristics of Iodine Nutrition Status in China After 20 Years of Universal Salt Iodization: An Epidemiology Study Covering 31 Provinces. <i>Thyroid</i> , <b>2021</b> ,	6.2	2
61	Plasma Metabolomics Reveals Metabolic Profiling For Diabetic Retinopathy and Disease Progression. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 757088	5.7	1
60	A meta-analysis and meta-regression on the prevalence of lipohypertrophy in diabetic patients on insulin therapy. <i>Therapie</i> , <b>2021</b> , 76, 617-628	3.8	1
59	Luteolin transforms the polarity of bone marrow-derived macrophages to regulate the cytokine storm. <i>Journal of Inflammation</i> , <b>2021</b> , 18, 21	6.7	5
58	Hyperthyroidism Prevalence in China After Universal Salt Iodization. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 651534	5.7	1
57	Berberine Ameliorates Hepatic Insulin Resistance by Regulating microRNA-146b/SIRT1 Pathway. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2021</b> , 14, 2525-2537	3.4	3
56	Moderate calorie restriction ameliorates reproduction via attenuating oxidative stress-induced apoptosis through SIRT1 signaling in obese mice. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 933	3.2	0
55	Effects of Insulin Therapy and Oral Hypoglycemic Agents on Glycemic Control for Type 2 Diabetes Mellitus Patients in China-A Case Control Study. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2021</b> , 129, 374-378	2.3	1
54	Exposure to the Chinese Great Famine in Early Life and Thyroid Function and Disorders in Adulthood: A Cross-Sectional Study. <i>Thyroid</i> , <b>2021</b> , 31, 563-571	6.2	10
53	The Positive Association between Subclinical Hypothyroidism and Newly-Diagnosed Hypertension Is More Explicit in Female Individuals Younger than 65. <i>Endocrinology and Metabolism</i> , <b>2021</b> , 36, 778-789	3.5	2
52	Clinical Effects of Microwave Ablation in the Treatment of Low-Risk Papillary Thyroid Microcarcinomas and Related Histopathological Changes. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 751213	5.7	0
51	Analysis of miRNA and mRNA expression in the dysregulation of insulin secretion in MIN6 cells exposed to microcystin-leucine-arginine. <i>Toxicon</i> , <b>2021</b> , 201, 169-176	2.8	0

50	Microcystin-LR impairs glucose metabolism in pancreatic $\beta$ cells in vivo and in vitro. <i>Toxicology Letters</i> , <b>2020</b> , 326, 106-113	4.4	6
49	U-Shaped Associations Between Urinary Iodine Concentration and the Prevalence of Metabolic Disorders: A Cross-Sectional Study. <i>Thyroid</i> , <b>2020</b> , 30, 1053-1065	6.2	8
48	An Inverse Relationship Between Iodine Intake and Thyroid Antibodies: A National Cross-Sectional Survey in Mainland China. <i>Thyroid</i> , <b>2020</b> , 30, 1656-1665	6.2	11
47	A negative association between urinary iodine concentration and the prevalence of hyperuricemia and gout: a cross-sectional and population-based study in Mainland China. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 3659-3668	5.2	5
46	Efficacy and Safety of Long-Term Universal Salt Iodization on Thyroid Disorders: Epidemiological Evidence from 31 Provinces of Mainland China. <i>Thyroid</i> , <b>2020</b> , 30, 568-579	6.2	74
45	THE CORRELATION BETWEEN METABOLIC DISORDERS AND TPOAB/TGAB: A CROSS-SECTIONAL POPULATION-BASED STUDY. <i>Endocrine Practice</i> , <b>2020</b> ,	3.2	9
44	Prevalence of diabetes recorded in mainland China using 2018 diagnostic criteria from the American Diabetes Association: national cross sectional study. <i>BMJ, The</i> , <b>2020</b> , 369, m997	5.9	278
43	The effects of bone metabolism in different methylprednisolone pulse treatments for Graves' ophthalmopathy. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 19, 333-338	2.1	0
42	Association between Urinary Iodine Concentration and Thyroid Nodules in Adults: A Cross-Sectional Study in China. <i>BioMed Research International</i> , <b>2020</b> , 2020, 4138657	3	0
41	Luteolin Alters Macrophage Polarization to Inhibit Inflammation. <i>Inflammation</i> , <b>2020</b> , 43, 95-108	5.1	33
40	Relationship between the non-HDLc-to-HDLc ratio and carotid plaques in a high stroke risk population: a cross-sectional study in China. <i>Lipids in Health and Disease</i> , <b>2020</b> , 19, 168	4.4	6
39	Update on resistance to thyroid hormone syndrome. <i>Italian Journal of Pediatrics</i> , <b>2020</b> , 46, 168	3.2	5
38	The Effect of Increased Iodine Intake on Serum Thyrotropin: A Cross-Sectional, Chinese Nationwide Study. <i>Thyroid</i> , <b>2020</b> , 30, 1810-1819	6.2	9
37	extract attenuates hepatic lipid deposition in HepG2 cells by the lipophagy pathway. <i>Pharmaceutical Biology</i> , <b>2020</b> , 58, 838-844	3.8	6
36	Gestational diabetes mellitus is associated with antenatal hypercoagulability and hyperfibrinolysis: a case control study of Chinese women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 1-4	2	2
35	Comparing the effects of 6 months aerobic exercise and resistance training on metabolic control and $\beta$ cell function in Chinese patients with prediabetes: A multicenter randomized controlled trial. <i>Journal of Diabetes</i> , <b>2020</b> , 12, 25-37	3.8	7
34	The Presence of Serum TgAb Suggests Lower Risks for Glucose and Lipid Metabolic Disorders in Euthyroid General Population From a National Survey. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 139	5.7	8
33	The Adverse Effects of Thyrotropin Absence on Pancreatic Cell Function in Mice. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 9536032	3.9	4

32	Impaired Glucose Metabolism in Young Offspring of Female Rats with Hypothyroidism. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 4713906	3.9	1
31	Cigarette Smoking Is Negatively Associated with the Prevalence of Type 2 Diabetes in Middle-Aged Men with Normal Weight but Positively Associated with Stroke in Men. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 1853018	3.9	4
30	Gegen Qinlian Decoction Ameliorates Hepatic Insulin Resistance by Silent Information Regulator1 (SIRT1)-Dependent Deacetylation of Forkhead Box O1 (FOXO1). <i>Medical Science Monitor</i> , <b>2019</b> , 25, 8544-8553	3.2	8
29	Effect of 12-Month Resistance Training on Changes in Abdominal Adipose Tissue and Metabolic Variables in Patients with Prediabetes: A Randomized Controlled Trial. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 8469739	3.9	12
28	Analysis of gut microbiota of obese individuals with type 2 diabetes and healthy individuals. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226372	3.7	56
27	High BRAFV600E mutation frequency in Chinese patients with papillary thyroid carcinoma increases diagnostic efficacy in cytologically indeterminate thyroid nodules. <i>Medicine (United States)</i> , <b>2019</b> , 98, e16343	1.8	6
26	Sex differences in 10-year ischemic cardiovascular disease risk prediction in Chinese patients with prediabetes and type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 301	2.3	3
25	Role of Metformin in the Treatment of Patients with Thyroid Nodules and Insulin Resistance: A Systematic Review and Meta-Analysis. <i>Thyroid</i> , <b>2019</b> , 29, 359-367	6.2	17
24	Association of thyroid nodules with adiposity: a community-based cross-sectional study in China. <i>BMC Endocrine Disorders</i> , <b>2018</b> , 18, 3	3.3	14
23	Independent Association of Serum Fibroblast Growth Factor 21 Levels With Impaired Liver Enzymes in Hyperthyroid Patients. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 800	5.7	4
22	Inhibition of peptidyl-prolyl cis-trans isomerase B mediates cyclosporin A-induced apoptosis of islet $\beta$ cells. <i>Experimental and Therapeutic Medicine</i> , <b>2018</b> , 16, 3959-3964	2.1	1
21	An Age-Specific Serum Thyrotropin Reference Range for the Diagnosis of Thyroid Diseases in Older Adults: A Cross-Sectional Survey in China. <i>Thyroid</i> , <b>2018</b> , 28, 1571-1579	6.2	24
20	Efficacy of Metformin for Benign Thyroid Nodules in Subjects With Insulin Resistance: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 494	5.7	7
19	Effect of luteolin on inflammatory responses in RAW264.7 macrophages activated with LPS and IFN- $\gamma$ . <i>Journal of Functional Foods</i> , <b>2017</b> , 32, 123-130	5.1	26
18	The Prevalence of Thyroid Nodules and Their Association with Metabolic Syndrome Risk Factors in a Moderate Iodine Intake Area. <i>Metabolic Syndrome and Related Disorders</i> , <b>2017</b> , 15, 93-97	2.6	20
17	Association between Sex Hormone and Blood Uric Acid in Male Patients with Type 2 Diabetes. <i>International Journal of Endocrinology</i> , <b>2017</b> , 2017, 4375253	2.7	11
16	Neutral ceramidase activity inhibition is involved in palmitate-induced apoptosis in INS-1 cells. <i>Endocrine Journal</i> , <b>2017</b> , 64, 767-776	2.9	13
15	Comparison of insulin lispro mix 25 with insulin lispro mix 50 as insulin starter in Chinese patients with type 2 diabetes mellitus (CLASSIFY study): Subgroup analysis of a Phase 4 open-label randomized trial. <i>Journal of Diabetes</i> , <b>2017</b> , 9, 575-585	3.8	11

14	Increased serum gamma-glutamyltransferase levels are associated with ventricular instability in type 2 diabetes. <i>Endocrine</i> , <b>2016</b> , 52, 63-72	4	7
13	Iodine Status and Prevalence of Thyroid Disorders After Introduction of Mandatory Universal Salt Iodization for 16 Years in China: A Cross-Sectional Study in 10 Cities. <i>Thyroid</i> , <b>2016</b> , 26, 1125-30	6.2	161
12	Alternate-day fasting protects the livers of mice against high-fat diet-induced inflammation associated with the suppression of Toll-like receptor 4/nuclear factor $\kappa$ B signaling. <i>Nutrition Research</i> , <b>2016</b> , 36, 586-93	4	27
11	Risk Factors for Hypogonadism in Male Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , <b>2016</b> , 2016, 5162167	3.9	6
10	The associations of bedtime, nocturnal, and daytime sleep duration with bone mineral density in pre- and post-menopausal women. <i>Endocrine</i> , <b>2015</b> , 49, 538-48	4	32
9	The association of menstrual and reproductive factors with thyroid nodules in Chinese women older than 40 years of age. <i>Endocrine</i> , <b>2015</b> , 48, 603-14	4	7
8	A questionnaire survey on the management of GravesDisease in China: A comparison with Europe and Latin-America. <i>Chronic Diseases and Translational Medicine</i> , <b>2015</b> , 1, 117-123	3.9	1
7	Lithium Carbonate in the Treatment of GravesDisease with ATD-Induced Hepatic Injury or Leukopenia. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 694023	2.7	7
6	The association between insulin resistance and vascularization of thyroid nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 184-92	5.6	22
5	Association between ADIPOQ +45T>G polymorphism and type 2 diabetes: a systematic review and meta-analysis. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 16, 704-23	6.3	17
4	Selenium supplementation for autoimmune thyroiditis: a systematic review and meta-analysis. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 904573	2.7	31
3	Cohort profile: risk evaluation of cancers in Chinese diabetic individuals: a longitudinal (REACTION) study. <i>Journal of Diabetes</i> , <b>2014</b> , 6, 147-57	3.8	112
2	Postnatal pancreatic islet $\beta$ cell function and insulin sensitivity at different stages of lifetime in rats born with intrauterine growth retardation. <i>PLoS ONE</i> , <b>2011</b> , 6, e25167	3.7	26
1	Study on pancreatic islet adaptation and gene expression during pregnancy in rats. <i>Endocrine</i> , <b>2010</b> , 37, 83-97	4	29