Zhongyan Shan

List of Publications by Year
in descending order

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55 papers	4,264 citations	218677 26 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	4742 citing authors

#	Article	IF	Citations
1	Postprandial Glycemic Dips Are Associated With Metabolic Disorders and CVD Risk in Euglycemic Individuals. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1631-e1642.	3.6	4
2	Impaired Sensitivity to Thyroid Hormones Is Associated with Hyperuricemia, Obesity, and Cardiovascular Disease Risk in Subjects with Subclinical Hypothyroidism. Thyroid, 2022, 32, 376-384.	4.5	32
3	Serum Antithyroglobulin Antibody Levels Are Associated with Diabetic Retinopathy among Euthyroid Type 2 Diabetes Patients: A Hospital-Based, Retrospective Study. Journal of Diabetes Research, 2022, 2022, 1-10.	2.3	2
4	Gender-Specific Associations Between Metabolic Disorders and Thyroid Nodules: A Cross-Sectional Population-Based Study from China. Thyroid, 2022, 32, 571-580.	4.5	7
5	Causal Association Between Serum Thyrotropin and Obesity: A Bidirectional, Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4251-e4259.	3.6	25
6	Maternal Subclinical Hypothyroidism in Rats Impairs Spatial Learning and Memory in Offspring by Disrupting Balance of the TrkA/p75NTR Signal Pathway. Molecular Neurobiology, 2021, 58, 4237-4250.	4.0	9
7	The Positive Association between Subclinical Hypothyroidism and Newly-Diagnosed Hypertension Is More Explicit in Female Individuals Younger than 65. Endocrinology and Metabolism, 2021, 36, 778-789.	3.0	4
8	Ageâ€specific thyrotropin references decrease overâ€diagnosis of hypothyroidism in elderly patients in iodineâ€excessive areas. Clinical Endocrinology, 2021, , .	2.4	5
9	The Type 2 Deiodinase Thr92Ala Polymorphism Is Associated with Higher Body Mass Index and Fasting Glucose Levels: A Systematic Review and Meta-Analysis. BioMed Research International, 2021, 2021, 1-8.	1.9	4
10	Combined Effects of Dyslipidemia and High Adiposity on the Estimated Glomerular Filtration Rate in a Middle-Aged Chinese Population. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 4513-4522.	2.4	3
11	The Effect of Increased Iodine Intake on Serum Thyrotropin: A Cross-Sectional, Chinese Nationwide Study. Thyroid, 2020, 30, 1810-1819.	4.5	18
12	Serum CA125 Level Is Associated with Diabetic Retinopathy in Chinese Patients with Type 2 Diabetes . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 1803-1812.	2.4	5
13	A negative association between urinary iodine concentration and the prevalence of hyperuricemia and gout: a cross-sectional and population-based study in Mainland China. European Journal of Nutrition, 2020, 59, 3659-3668.	3.9	10
14	Efficacy and Safety of Long-Term Universal Salt Iodization on Thyroid Disorders: Epidemiological Evidence from 31 Provinces of Mainland China. Thyroid, 2020, 30, 568-579.	4.5	185
15	Prevalence of diabetes recorded in mainland China using 2018 diagnostic criteria from the American Diabetes Association: national cross sectional study. BMJ, The, 2020, 369, m997.	6.0	809
16	Association between Urinary Iodine Concentration and Thyroid Nodules in Adults: A Cross-Sectional Study in China. BioMed Research International, 2020, 2020, 1-8.	1.9	3
17	Direct medical costs for patients with type 2 diabetes in 16 tertiary hospitals in urban China: A multicenter prospective cohort study. Journal of Diabetes Investigation, 2019, 10, 539-551.	2.4	30
18	Smoking Is Positively Associated with Antithyroperoxidase Antibodies and Antithyroglobulin Antibodies in Populations with Mildly Deficient Iodine Intake. Biological Trace Element Research, 2019, 187, 383-391.	3.5	6

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19	Thyroid hormone therapy of hypothyroidism in pregnancy. Endocrine, 2019, 66, 35-42.	2.3	15
20	Sphk1/S1P/S1PR1 Signaling is Involved in the Development of Autoimmune Thyroiditis in Patients and NOD.H-2^{h4} Mice. Thyroid, 2019, 29, 700-713.	4.5	13
21	Physiological low-dose oestrogen promotes the development of experimental autoimmune thyroiditis through the up-regulation of Th1/Th17 responses. Journal of Reproductive Immunology, 2018, 126, 23-31.	1.9	10
22	Effects of circulating member B of the family with sequence similarity 3 on the risk of developing metabolic syndrome and its components: A 5â€year prospective study. Journal of Diabetes Investigation, 2018, 9, 782-788.	2.4	5
23	Effect of Iodine Nutrition on Pregnancy Outcomes in an Iodine-Sufficient Area in China. Biological Trace Element Research, 2018, 182, 231-237.	3.5	45
24	An Age-Specific Serum Thyrotropin Reference Range for the Diagnosis of Thyroid Diseases in Older Adults: A Cross-Sectional Survey in China. Thyroid, 2018, 28, 1571-1579.	4.5	39
25	Serum Trace Elements Profile in Gravesâ€™ Disease Patients with or without Orbitopathy in Northeast China. BioMed Research International, 2018, 2018, 1-8.	1.9	17
26	Cytokine Secretion and Pyroptosis of Thyroid Follicular Cells Mediated by Enhanced NLRP3, NLRP1, NLRC4, and AIM2 Inflammasomes Are Associated With Autoimmune Thyroiditis. Frontiers in Immunology, 2018, 9, 1197.	4.8	89
27	Comparison of anthropometric indices for predicting the risk of metabolic syndrome and its components in Chinese adults: a prospective, longitudinal study. BMJ Open, 2017, 7, e016062.	1.9	97
28	Gestationâ€specific changes in maternal thyroglobulin during pregnancy and lactation in an iodineâ€sufficient region in China: a longitudinal study. Clinical Endocrinology, 2017, 86, 229-235.	2.4	16
29	Correlation between Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) and Infant Birth Outcomes: A Meta-Analysis and an Experimental Study. International Journal of Environmental Research and Public Health, 2017, 14, 268.	2.6	25
30	Increased Circulating Th17 but Decreased CD4⁺Foxp3⁺ Treg and CD19⁺CD1d^{hi}CD5⁺ Breg Subsets in New-Onset Gravesâ€™ Disease. BioMed Research International, 2017, 2017, 1-8.	1.9	37
31	Patients with subclinical hypothyroidism before 20 weeks of pregnancy have a higher risk of miscarriage: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0175708.	2.5	80
32	TheType 2 Deiodinase Thr92Ala PolymorphismIs Associated with Worse Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. Journal of Diabetes Research, 2016, 2016, 1-6.	2.3	25
33	Effect of Thyrotropin on Osteopontin, Integrin Î±vÎ²3, and VCAM-1 in the Endothelium via Activation of Akt. International Journal of Molecular Sciences, 2016, 17, 1484.	4.1	5
34	Perinatal Iron Deficiency-Induced Hypothyroxinemia Impairs Early Brain Development Regardless of Normal Iron Levels in the Neonatal Brain. Thyroid, 2016, 26, 891-900.	4.5	20
35	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. Thyroid, 2016, 26, 1125-1130.	4.5	225
36	The Effects of Serum ANGPTL8/betatrophin on the Risk of Developing the Metabolic Syndrome â€“ A Prospective Study. Scientific Reports, 2016, 6, 28431.	3.3	38

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37	Treatment with Iodine in Pregnant Rats with Marginal Iodine Deficiency Improves Cell Migration in the Developing Brain of the Progeny. Molecular Neurobiology, 2016, 53, 2212-2221.	4.0	6
38	Twist1 regulates the epithelialâ€“mesenchymal transition via the NF-Î²B pathway in papillary thyroid carcinoma. Endocrine, 2016, 51, 469-477.	2.3	38
39	Association of single nucleotide polymorphism rs3792876 in SLC22A4 gene with autoimmune thyroid disease in a Chinese Han population. BMC Medical Genetics, 2015, 16, 76.	2.1	6
40	Prevalence and Determinants of Metabolic Health in Subjects with Obesity in Chinese Population. International Journal of Environmental Research and Public Health, 2015, 12, 13662-13677.	2.6	38
41	Subclinical Hypothyroidism and Type 2 Diabetes: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0135233.	2.5	150
42	Prevalence of Hyperuricemia and Gout in Mainland China from 2000 to 2014: A Systematic Review and Meta-Analysis. BioMed Research International, 2015, 2015, 1-12.	1.9	397
43	Maternal Subclinical Hypothyroidism Impairs Neurodevelopment in Rat Offspring by Inhibiting the CREB Signaling Pathway. Molecular Neurobiology, 2015, 52, 432-441.	4.0	31
44	Effects of Increased Iodine Intake on Thyroid Disorders. Endocrinology and Metabolism, 2014, 29, 240.	3.0	86
45	Maternal Subclinical Hypothyroidism, Thyroid Autoimmunity, and the Risk of Miscarriage: A Prospective Cohort Study. Thyroid, 2014, 24, 1642-1649.	4.5	213
46	Assessment of Thyroid Function During First-Trimester Pregnancy: What Is the Rational Upper Limit of Serum TSH During the First Trimester in Chinese Pregnant Women?. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 73-79.	3.6	191
47	The pattern of thyroid function of subclinical hypothyroid women with levothyroxine treatment during pregnancy. Endocrine, 2013, 44, 710-715.	2.3	21
48	Hypothyroidism in pregnancy. Lancet Diabetes and Endocrinology,the, 2013, 1, 228-237.	11.4	113
49	Regulatory T cells but not T helper 17 cells are modulated in an animal model of Gravesâ€™ hyperthyroidism. Clinical and Experimental Medicine, 2012, 12, 39-46.	3.6	27
50	Medical Care and Payment for Diabetes in China: Enormous Threat and Great Opportunity. PLoS ONE, 2012, 7, e39513.	2.5	65
51	An epidemiological study of the serum thyrotropin reference range and factors that influence serum thyrotropin levels in iodine sufficient areas of China. Endocrine Journal, 2011, 58, 995-1002.	1.6	34
52	More than adequate iodine intake may increase subclinical hypothyroidism and autoimmune thyroiditis: a cross-sectional study based on two Chinese communities with different iodine intake levels. European Journal of Endocrinology, 2011, 164, 943-950.	3.7	141
53	Influence of iodine on the reference interval of TSH and the optimal interval of TSH: results of a followâ€up study in areas with different iodine intakes. Clinical Endocrinology, 2008, 69, 136-141.	2.4	78
54	Chronic iodine excess does not increase the incidence of hyperthyroidism: a prospective community-based epidemiological survey in China. European Journal of Endocrinology, 2007, 156, 403-408.	3.7	42

#	ARTICLE	IF	CITATIONS
55	Effect of Iodine Intake on Thyroid Diseases in China. New England Journal of Medicine, 2006, 354, 2783-2793.	27.0	624