

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	Prevalence of diabetes recorded in mainland China using 2018 diagnostic criteria from the American Diabetes Association: national cross sectional study. <i>BMJ</i> , The, 2020, 369, m997.	6.0	809
2	Effect of Iodine Intake on Thyroid Diseases in China. <i>New England Journal of Medicine</i> , 2006, 354, 2783-2793.	27.0	624
3	Prevalence of Hyperuricemia and Gout in Mainland China from 2000 to 2014: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	397
4	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> , 2016, 26, 1125-1130.	4.5	225
5	Maternal Subclinical Hypothyroidism, Thyroid Autoimmunity, and the Risk of Miscarriage: A Prospective Cohort Study. <i>Thyroid</i> , 2014, 24, 1642-1649.	4.5	213
6	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?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 73-79.	3.6	191
7	Efficacy and Safety of Long-Term Universal Salt Iodization on Thyroid Disorders: Epidemiological Evidence from 31 Provinces of Mainland China. <i>Thyroid</i> , 2020, 30, 568-579.	4.5	185
8	Subclinical Hypothyroidism and Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0135233.	2.5	150
9	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. <i>European Journal of Endocrinology</i> , 2011, 164, 943-950.	3.7	141
10	Hypothyroidism in pregnancy. <i>Lancet Diabetes and Endocrinology</i> , the, 2013, 1, 228-237.	11.4	113
11	Comparison of anthropometric indices for predicting the risk of metabolic syndrome and its components in Chinese adults: a prospective, longitudinal study. <i>BMJ Open</i> , 2017, 7, e016062.	1.9	97
12	Cytokine Secretion and Pyroptosis of Thyroid Follicular Cells Mediated by Enhanced NLRP3, NLRP1, NLRC4, and AIM2 Inflammasomes Are Associated With Autoimmune Thyroiditis. <i>Frontiers in Immunology</i> , 2018, 9, 1197.	4.8	89
13	Effects of Increased Iodine Intake on Thyroid Disorders. <i>Endocrinology and Metabolism</i> , 2014, 29, 240.	3.0	86
14	Patients with subclinical hypothyroidism before 20 weeks of pregnancy have a higher risk of miscarriage: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0175708.	2.5	80
15	Influence of iodine on the reference interval of TSH and the optimal interval of TSH: results of a follow-up study in areas with different iodine intakes. <i>Clinical Endocrinology</i> , 2008, 69, 136-141.	2.4	78
16	Medical Care and Payment for Diabetes in China: Enormous Threat and Great Opportunity. <i>PLoS ONE</i> , 2012, 7, e39513.	2.5	65
17	Effect of Iodine Nutrition on Pregnancy Outcomes in an Iodine-Sufficient Area in China. <i>Biological Trace Element Research</i> , 2018, 182, 231-237.	3.5	45
18	Chronic iodine excess does not increase the incidence of hyperthyroidism: a prospective community-based epidemiological survey in China. <i>European Journal of Endocrinology</i> , 2007, 156, 403-408.	3.7	42

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19	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> , 2018, 28, 1571-1579.	4.5	39
20	Prevalence and Determinants of Metabolic Health in Subjects with Obesity in Chinese Population. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13662-13677.	2.6	38
21	The Effects of Serum ANGPTL8/betatrophin on the Risk of Developing the Metabolic Syndrome – A Prospective Study. <i>Scientific Reports</i> , 2016, 6, 28431.	3.3	38
22	Twist1 regulates the epithelial–mesenchymal transition via the NF- κ B pathway in papillary thyroid carcinoma. <i>Endocrine</i> , 2016, 51, 469-477.	2.3	38
23	Increased Circulating Th17 but Decreased CD4 ⁺ Foxp3 ⁺ Treg and CD19 ⁺ CD1d ^{hi} CD5 ⁺ Breg Subsets in New-Onset Gravesâ€™ Disease. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	37
24	An epidemiological study of the serum thyrotropin reference range and factors that influence serum thyrotropin levels in iodine sufficient areas of China. <i>Endocrine Journal</i> , 2011, 58, 995-1002.	1.6	34
25	Impaired Sensitivity to Thyroid Hormones Is Associated with Hyperuricemia, Obesity, and Cardiovascular Disease Risk in Subjects with Subclinical Hypothyroidism. <i>Thyroid</i> , 2022, 32, 376-384.	4.5	32
26	Maternal Subclinical Hypothyroidism Impairs Neurodevelopment in Rat Offspring by Inhibiting the CREB Signaling Pathway. <i>Molecular Neurobiology</i> , 2015, 52, 432-441.	4.0	31
27	Direct medical costs for patients with type 2 diabetes in 16 tertiary hospitals in urban China: A multicenter prospective cohort study. <i>Journal of Diabetes Investigation</i> , 2019, 10, 539-551.	2.4	30
28	Regulatory T cells but not T helper 17 cells are modulated in an animal model of Gravesâ€™ hyperthyroidism. <i>Clinical and Experimental Medicine</i> , 2012, 12, 39-46.	3.6	27
29	The<i>Type 2 Deiodinase Thr92Ala Polymorphism</i>Is Associated with Worse Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-6.	2.3	25
30	Correlation between Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) and Infant Birth Outcomes: A Meta-Analysis and an Experimental Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 268.	2.6	25
31	Causal Association Between Serum Thyrotropin and Obesity: A Bidirectional, Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4251-e4259.	3.6	25
32	The pattern of thyroid function of subclinical hypothyroid women with levothyroxine treatment during pregnancy. <i>Endocrine</i> , 2013, 44, 710-715.	2.3	21
33	Perinatal Iron Deficiency-Induced Hypothyroxinemia Impairs Early Brain Development Regardless of Normal Iron Levels in the Neonatal Brain. <i>Thyroid</i> , 2016, 26, 891-900.	4.5	20
34	The Effect of Increased Iodine Intake on Serum Thyrotropin: A Cross-Sectional, Chinese Nationwide Study. <i>Thyroid</i> , 2020, 30, 1810-1819.	4.5	18
35	Serum Trace Elements Profile in Gravesâ€™ Disease Patients with or without Orbitopathy in Northeast China. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	17
36	Gestationâ€™specific changes in maternal thyroglobulin during pregnancy and lactation in an iodineâ€™sufficient region in China: a longitudinal study. <i>Clinical Endocrinology</i> , 2017, 86, 229-235.	2.4	16

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37	Thyroid hormone therapy of hypothyroidism in pregnancy. <i>Endocrine</i> , 2019, 66, 35-42.	2.3	15
38	Sphk1/S1P/S1PR1 Signaling is Involved in the Development of Autoimmune Thyroiditis in Patients and NOD.H-2 ^{h4} Mice. <i>Thyroid</i> , 2019, 29, 700-713.	4.5	13
39	Physiological low-dose oestrogen promotes the development of experimental autoimmune thyroiditis through the up-regulation of Th1/Th17 responses. <i>Journal of Reproductive Immunology</i> , 2018, 126, 23-31.	1.9	10
40	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> , 2020, 59, 3659-3668.	3.9	10
41	Maternal Subclinical Hypothyroidism in Rats Impairs Spatial Learning and Memory in Offspring by Disrupting Balance of the TrkA/p75NTR Signal Pathway. <i>Molecular Neurobiology</i> , 2021, 58, 4237-4250.	4.0	9
42	Gender-Specific Associations Between Metabolic Disorders and Thyroid Nodules: A Cross-Sectional Population-Based Study from China. <i>Thyroid</i> , 2022, 32, 571-580.	4.5	7
43	Association of single nucleotide polymorphism rs3792876 in SLC22A4 gene with autoimmune thyroid disease in a Chinese Han population. <i>BMC Medical Genetics</i> , 2015, 16, 76.	2.1	6
44	Treatment with Iodine in Pregnant Rats with Marginal Iodine Deficiency Improves Cell Migration in the Developing Brain of the Progeny. <i>Molecular Neurobiology</i> , 2016, 53, 2212-2221.	4.0	6
45	Smoking Is Positively Associated with Antithyroperoxidase Antibodies and Antithyroglobulin Antibodies in Populations with Mildly Deficient Iodine Intake. <i>Biological Trace Element Research</i> , 2019, 187, 383-391.	3.5	6
46	Effect of Thyrotropin on Osteopontin, Integrin α _v β ₃ , and VCAM-1 in the Endothelium via Activation of Akt. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1484.	4.1	5
47	Effects of circulating member B of the family with sequence similarity 3 on the risk of developing metabolic syndrome and its components: A 5-year prospective study. <i>Journal of Diabetes Investigation</i> , 2018, 9, 782-788.	2.4	5
48	<p>Serum CA125 Level Is Associated with Diabetic Retinopathy in Chinese Patients with Type 2 Diabetes</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1803-1812.	2.4	5
49	Age-specific thyrotropin references decrease over diagnosis of hypothyroidism in elderly patients in iodine-excessive areas. <i>Clinical Endocrinology</i> , 2021, , .	2.4	5
50	The Positive Association between Subclinical Hypothyroidism and Newly-Diagnosed Hypertension Is More Explicit in Female Individuals Younger than 65. <i>Endocrinology and Metabolism</i> , 2021, 36, 778-789.	3.0	4
51	The Type 2 Deiodinase Thr92Ala Polymorphism Is Associated with Higher Body Mass Index and Fasting Glucose Levels: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	4
52	Postprandial Glycemic Dips Are Associated With Metabolic Disorders and CVD Risk in Euglycemic Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1631-e1642.	3.6	4
53	Association between Urinary Iodine Concentration and Thyroid Nodules in Adults: A Cross-Sectional Study in China. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	3
54	Combined Effects of Dyslipidemia and High Adiposity on the Estimated Glomerular Filtration Rate in a Middle-Aged Chinese Population. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 4513-4522.	2.4	3

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55	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