

Rong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,592
citations

331670

21
h-index

223800

46
g-index

92
all docs

92
docs citations

92
times ranked

7018
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	21.4	959
2	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016, 7, 10531.	12.8	149
3	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , 2017, 26, 1770-1784.	2.9	135
4	Genome-Wide Association Meta-analysis Identifies Novel Variants Associated With Fasting Plasma Glucose in East Asians. <i>Diabetes</i> , 2015, 64, 291-298.	0.6	59
5	FADS1-FADS2 genetic polymorphisms are associated with fatty acid metabolism through changes in DNA methylation and gene expression. <i>Clinical Epigenetics</i> , 2018, 10, 113.	4.1	52
6	Biopolymer-Drug Conjugate Nanotheranostics for Multimodal Imaging-Guided Synergistic Cancer Photothermal-Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31576-31588.	8.0	49
7	Uric Acid Is Independently Associated with Diabetic Kidney Disease: A Cross-Sectional Study in a Chinese Population. <i>PLoS ONE</i> , 2015, 10, e0129797.	2.5	47
8	Effects of Obesity Related Genetic Variations on Visceral and Subcutaneous Fat Distribution in a Chinese Population. <i>Scientific Reports</i> , 2016, 6, 20691.	3.3	47
9	The coexistence of carotid and lower extremity atherosclerosis further increases cardio-cerebrovascular risk in type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2016, 15, 43.	6.8	45
10	A causal relationship between uric acid and diabetic macrovascular disease in Chinese type 2 diabetes patients: A Mendelian randomization analysis. <i>International Journal of Cardiology</i> , 2016, 214, 194-199.	1.7	35
11	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , 2020, 10, 2029-2046.	10.0	35
12	High Glucose Increases the Expression of Inflammatory Cytokine Genes in Macrophages Through H3K9 Methyltransferase Mechanism. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 48-61.	1.2	34
13	Causal Association of Overall Obesity and Abdominal Obesity with Type 2 Diabetes: A Mendelian Randomization Analysis. <i>Obesity</i> , 2018, 26, 934-942.	3.0	33
14	Ursodeoxycholic acid stimulates alveolar fluid clearance in LPS-induced pulmonary edema via ALX/cAMP/PI3K pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 20057-20065.	4.1	33
15	Altered intestinal microbiota associated with colorectal cancer. <i>Frontiers of Medicine</i> , 2019, 13, 461-470.	3.4	30
16	Obesity-induced excess of 17-hydroxyprogesterone promotes hyperglycemia through activation of glucocorticoid receptor. <i>Journal of Clinical Investigation</i> , 2020, 130, 3791-3804.	8.2	28
17	Prevalence and clinical characteristics of lower limb atherosclerotic lesions in newly diagnosed patients with ketosis-onset diabetes: a cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 71.	2.7	27
18	Patient Adipose Stem Cell-Derived Adipocytes Reveal Genetic Variation that Predicts Antidiabetic Drug Response. <i>Cell Stem Cell</i> , 2019, 24, 299-308.e6.	11.1	27

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19	A2BAR activation attenuates acute lung injury by inhibiting alveolar epithelial cell apoptosis both in vivo and in vitro. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C558-C570.	4.6	24
20	Circulating irisin levels are associated with lipid and uric acid metabolism in a Chinese population. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 896-901.	1.9	22
21	Genetic and clinical variables identify predictors for chronic kidney disease in type 2 diabetes. <i>Kidney International</i> , 2016, 89, 411-420.	5.2	22
22	Common Variants Related to Serum Uric Acid Concentrations Are Associated with Glucose Metabolism and Insulin Secretion in a Chinese Population. <i>PLoS ONE</i> , 2015, 10, e0116714.	2.5	21
23	Role of genetic and environmental factors in DNA methylation of lipid metabolism. <i>Genes and Diseases</i> , 2018, 5, 9-15.	3.4	21
24	Tumor pH and intracellular reduction responsive polypeptide nanomedicine with a sheddable PEG corona and a disulfide-cross-linked core. <i>Polymer Chemistry</i> , 2018, 9, 3488-3498.	3.9	21
25	Serum growth differentiation factor 15 is associated with glucose metabolism in the third trimester in Chinese pregnant women. <i>Diabetes Research and Clinical Practice</i> , 2019, 156, 107823.	2.8	20
26	Impaired pancreatic beta cell compensatory function is the main cause of type 2 diabetes in individuals with high genetic risk: a 9-year prospective cohort study in the Chinese population. <i>Diabetologia</i> , 2016, 59, 1458-1462.	6.3	19
27	Polymorphisms of the KCNQ1 gene are associated with the therapeutic responses of sulfonylureas in Chinese patients with type 2 diabetes. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 80-89.	6.1	19
28	An Interaction between a FNDC5 Variant and Obesity Modulates Glucose Metabolism in a Chinese Han Population. <i>PLoS ONE</i> , 2014, 9, e109957.	2.5	18
29	Retinal microvascular abnormalities are associated with early carotid atherosclerotic lesions in hospitalized Chinese patients with type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 378-385.	2.3	18
30	Whole-exome sequencing identifies a novel INS mutation causative of maturity-onset diabetes of the young 10. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 376-383.	3.3	18
31	Mendelian randomization analysis to assess a causal effect of haptoglobin on macroangiopathy in Chinese type 2 diabetes patients. <i>Cardiovascular Diabetology</i> , 2018, 17, 14.	6.8	18
32	ITRAQ-Based Proteomics Analysis of Acute Lung Injury Induced by Oleic Acid in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1949-1964.	1.6	17
33	Arg913Gln of SLC12A3 gene promotes development and progression of end-stage renal disease in Chinese type 2 diabetes mellitus. <i>Molecular and Cellular Biochemistry</i> , 2018, 437, 203-210.	3.1	17
34	A variant of PSMD6 is associated with the therapeutic efficacy of oral antidiabetic drugs in Chinese type 2 diabetes patients. <i>Scientific Reports</i> , 2015, 5, 10701.	3.3	16
35	Decreased urine uric acid excretion is an independent risk factor for chronic kidney disease but not for carotid atherosclerosis in hospital-based patients with type 2 diabetes: a cross-sectional study. <i>Cardiovascular Diabetology</i> , 2015, 14, 36.	6.8	16
36	Molecularly imprinted fluoroprobes doped with Ag nanoparticles for highly selective detection of oxytetracycline in real samples. <i>Analytica Chimica Acta</i> , 2021, 1161, 338326.	5.4	16

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37	A common polymorphism of CYP4A11 is associated with blood pressure in a Chinese population. <i>Hypertension Research</i> , 2011, 34, 645-648.	2.7	15
38	Serum uric acid levels are associated with polymorphisms in the SLC2A9, SF1, and GCKR genes in a Chinese population. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1421-1427.	6.1	15
39	Genome Wide Association Study Identifies L3MBTL4 as a Novel Susceptibility Gene for Hypertension. <i>Scientific Reports</i> , 2016, 6, 30811.	3.3	15
40	Insights into pathogenesis of five novel GCK mutations identified in Chinese MODY patients. <i>Metabolism: Clinical and Experimental</i> , 2018, 89, 8-17.	3.4	15
41	C-reactive protein genetic variant is associated with diabetic retinopathy in Chinese patients with type 2 diabetes. <i>BMC Endocrine Disorders</i> , 2015, 15, 8.	2.2	14
42	Decreased urine uric acid excretion is associated with diabetic retinopathy but not with lower limb atherosclerosis in hospitalized patients with type 2 diabetes. <i>Atherosclerosis</i> , 2015, 242, 13-18.	0.8	14
43	Discovery of metabolic biomarkers for gestational diabetes mellitus in a Chinese population. <i>Nutrition and Metabolism</i> , 2021, 18, 79.	3.0	14
44	Association of <i>Toll-like receptor 4</i> gene polymorphisms with susceptibility to type 2 diabetes mellitus in the Chinese population. <i>Diabetes</i> , 2015, 7, 485-492.	2.2	14
45	Association of type 2 diabetes susceptibility loci with peripheral nerve function in a Chinese population with diabetes. <i>Journal of Diabetes Investigation</i> , 2017, 8, 115-120.	2.4	13
46	Mutations of <i>NRG4</i> Contribute to the Pathogenesis of Nonalcoholic Fatty Liver Disease and Related Metabolic Disorders. <i>Diabetes</i> , 2021, 70, 2213-2224.	0.6	13
47	Ultrasoft Zwitterionic Polypeptide-Coordinated Nanohybrids for Highly Efficient Cancer Photothermal Ferrotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44002-44012.	8.0	13
48	Expression of vascular endothelial growth factor C and anti-angiogenesis therapy in endometriosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 7752-9.	0.5	13
49	Association of apelin genetic variants with type 2 diabetes and related clinical features in Chinese Hans. <i>Chinese Medical Journal</i> , 2009, 122, 1273-6.	2.3	13
50	Associations of Common Variants at <i>APLN</i> and Hypertension in Chinese Subjects with and without Diabetes. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-6.	3.8	12
51	CDKAL1 rs7756992 is associated with diabetic retinopathy in a Chinese population with type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 8812.	3.3	12
52	The Effects of Aquaporin-1 in Pulmonary Edema Induced by Fat Embolism Syndrome. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1183.	4.1	10
53	Joint effects of diabetic-related genomic loci on the therapeutic efficacy of oral anti-diabetic drugs in Chinese type 2 diabetes patients. <i>Scientific Reports</i> , 2016, 6, 23266.	3.3	10
54	The Association of a Genetic Variant in <i>SCAF8-CNKS3</i> with Diabetic Kidney Disease and Diabetic Retinopathy in a Chinese Population. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-6.	2.3	10

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55	A zwitterionic polypeptide nanocomposite with unique NIR-I/II photoacoustic imaging for NIR-I/II cancer photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5484-5491.	5.8	10
56	A molecularly imprinted antibiotic receptor on magnetic nanotubes for the detection and removal of environmental oxytetracycline. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6777-6783.	5.8	10
57	FAM172A protein promotes the proliferation of human papillary thyroid carcinoma cells via the p38 mitogen-activated protein kinase pathway. <i>Molecular Medicine Reports</i> , 2016, 13, 353-358.	2.4	9
58	SNPs in PRKCA, HIF1A, GLUT1 are associated with diabetic kidney disease in a Chinese Han population with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13264.	3.4	9
59	Relationship between circulating miR-132 and non-alcoholic fatty liver disease in a Chinese population. <i>Hereditas</i> , 2020, 157, 22.	1.4	9
60	Alcohol consumption and its interaction with genetic variants are strongly associated with the risk of type 2 diabetes: a prospective cohort study. <i>Nutrition and Metabolism</i> , 2019, 16, 64.	3.0	8
61	Circulating miR-29b positively correlates with non-alcoholic fatty liver disease in a Chinese population. <i>Journal of Digestive Diseases</i> , 2019, 20, 189-195.	1.5	8
62	Nerve growth factor is closely related to glucose metabolism, insulin sensitivity and insulin secretion in the second trimester: a case-control study in Chinese. <i>Nutrition and Metabolism</i> , 2020, 17, 98.	3.0	8
63	Skeletal muscle-targeted delivery of Fgf6 protects mice from diet-induced obesity and insulin resistance. <i>JCI Insight</i> , 2021, 6, .	5.0	8
64	Mutation screening for thalassaemia in the Jino ethnic minority population of Yunnan Province, Southwest China. <i>BMJ Open</i> , 2015, 5, e010047.	1.9	8
65	The angiotensin-I converting enzyme gene I/D variation contributes to end-stage renal disease risk in Chinese patients with type 2 diabetes receiving hemodialysis. <i>Molecular and Cellular Biochemistry</i> , 2016, 422, 181-188.	3.1	7
66	Common variants in genes involved in islet amyloid polypeptide (IAPP) processing and the degradation pathway are associated with T2DM risk: A Chinese population study. <i>Diabetes Research and Clinical Practice</i> , 2022, , 109235.	2.8	7
67	Association between serum uric acid related genetic loci and diabetic kidney disease in the Chinese type 2 diabetes patients. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 798-802.	2.3	6
68	Hepatic nitric oxide synthase 1 adaptor protein regulates glucose homeostasis and hepatic insulin sensitivity in obese mice depending on its PDZ binding domain. <i>EBioMedicine</i> , 2019, 47, 352-364.	6.1	6
69	Identification of Ala2Thr mutation in insulin gene from a Chinese MODY10 family. <i>Molecular and Cellular Biochemistry</i> , 2020, 470, 77-86.	3.1	6
70	Serum growth differentiation factor-11 is closely related to metabolic syndrome in a Chinese cohort. <i>Journal of Diabetes Investigation</i> , 2021, 12, 234-243.	2.4	6
71	Association of Genetic Variants of BMP4 with Type 2 Diabetes Mellitus and Clinical Traits in a Chinese Han Population. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	5
72	Effects of the ALX/FPR2 receptors of lipoxin A4 on lung injury induced by fat embolism syndrome in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108595.	5.6	5

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73	Association of the genetic variant rs2000999 with haptoglobin and diabetic macrovascular diseases in Chinese patients with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 178-181.	2.3	5
74	CD28 Genetic Variants Increase Susceptibility to Diabetic Kidney Disease in Chinese Patients with Type 2 Diabetes: A Cross-Sectional Case Control Study. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	3.0	5
75	Topiramate exhibits anti-tumorigenic and metastatic effects in ovarian cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 1663-1676.	0.0	5
76	High-normal urinary albumin-to-creatinine ratio is independently associated with metabolic syndrome in Chinese patients with type 2 diabetes mellitus: A cross-sectional community-based study. <i>Journal of Diabetes Investigation</i> , 2015, 6, 354-359.	2.4	4
77	Serum haptoglobin levels are associated with renal function decline in type 2 diabetes mellitus patients in a Chinese Han population. <i>Diabetes Research and Clinical Practice</i> , 2019, 156, 107865.	2.8	4
78	Association between serum haptoglobin and carotid arterial functions: usefulness of a targeted metabolomics approach. <i>Cardiovascular Diabetology</i> , 2019, 18, 8.	6.8	4
79	Identification and management of GCK-MODY complicating pregnancy in Chinese patients with gestational diabetes. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1629-1643.	3.1	4
80	Common single-nucleotide polymorphisms combined with a genetic risk score provide new insights regarding the etiology of gestational diabetes mellitus. <i>Diabetic Medicine</i> , 2022, 39, e14885.	2.3	4
81	Association between FNDC5 genetic variants and proliferative diabetic retinopathy in a Chinese population. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 580-582.	1.9	3
82	12(S)-hydroxyeicosatetraenoic acid is significantly increased in diabetic kidney disease and associated with renal function decline. <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, .	4.0	3
83	Lack of Association between TLR4 Genetic Polymorphisms and Diabetic Nephropathy in a Chinese Population. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	2
84	Functional Characterization of a Novel Heterozygous Mutation in the Glucokinase Gene That Causes MODY2 in Chinese Pedigrees. <i>Frontiers in Endocrinology</i> , 2021, 12, 803992.	3.5	2
85	Association between serum somatostatin levels and glucose-lipid metabolism in the Jino ethnic minority and Han Chinese population. <i>Science China Life Sciences</i> , 2018, 61, 1382-1388.	4.9	0