Rong Zhang

List of Publications by Year
in descending order

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	Common variants in genes involved in islet amyloid polypeptide (IAPP) processing and the degradation pathway are associated with T2DM risk: A Chinese population study. Diabetes Research and Clinical Practice, 2022, , 109235.	2.8	7
2	Identification and management of GCK-MODY complicating pregnancy in Chinese patients with gestational diabetes. Molecular and Cellular Biochemistry, 2022, 477, 1629-1643.	3.1	4
3	A molecularly imprinted antibiotic receptor on magnetic nanotubes for the detection and removal of environmental oxytetracycline. Journal of Materials Chemistry B, 2022, 10, 6777-6783.	5.8	10
4	Common single‐nucleotide polymorphisms combined with a genetic risk score provide new insights regarding the etiology of gestational diabetes mellitus. Diabetic Medicine, 2022, 39, e14885.	2.3	4
5	12(S)‐hydroxyeicosatetraenoic acid is significantly increased in diabetic kidney disease and associated with renal function decline. Diabetes/Metabolism Research and Reviews, 2022, 38, .	4.0	3
6	Serum growth differentiation factor 11 is closely related to metabolic syndrome in a Chinese cohort. Journal of Diabetes Investigation, 2021, 12, 234-243.	2.4	6
7	A zwitterionic polypeptide nanocomposite with unique NIR-I/II photoacoustic imaging for NIR-I/II cancer photothermal therapy. Journal of Materials Chemistry B, 2021, 9, 5484-5491.	5.8	10
8	CD28 Genetic Variants Increase Susceptibility to Diabetic Kidney Disease in Chinese Patients with Type 2 Diabetes: A Cross-Sectional Case Control Study. Mediators of Inflammation, 2021, 2021, 1-10.	3.0	5
9	Molecularly imprinted fluoroprobes doped with Ag nanoparticles for highly selective detection of oxytetracycline in real samples. Analytica Chimica Acta, 2021, 1161, 338326.	5.4	16
10	Mutations of <i>NRG4</i> Contribute to the Pathogenesis of Nonalcoholic Fatty Liver Disease and Related Metabolic Disorders. Diabetes, 2021, 70, 2213-2224.	0.6	13
11	Discovery of metabolic biomarkers for gestational diabetes mellitus in a Chinese population. Nutrition and Metabolism, 2021, 18, 79.	3.0	14
12	Ultrasmall Zwitterionic Polypeptide-Coordinated Nanohybrids for Highly Efficient Cancer Photothermal Ferrotherapy. ACS Applied Materials & Interfaces, 2021, 13, 44002-44012.	8.0	13
13	Skeletal muscle‐targeted delivery of Fgf6 protects mice from diet-induced obesity and insulin resistance. JCI Insight, 2021, 6, .	5.0	8
14	Functional Characterization of a Novel Heterozygous Mutation in the Glucokinase Gene That Causes MODY2 in Chinese Pedigrees. Frontiers in Endocrinology, 2021, 12, 803992.	3.5	2
15	Nerve growth factor is closely related to glucose metabolism, insulin sensitivity and insulin secretion in the second trimester: a case‐control study in Chinese. Nutrition and Metabolism, 2020, 17, 98.	3.0	8
16	SNPs in PRKCA‐HIF1A‐GLUT1 are associated with diabetic kidney disease in a Chinese Han population with type 2 diabetes. European Journal of Clinical Investigation, 2020, 50, e13264.	3.4	9
17	Identification of Ala2Thr mutation in insulin gene from a Chinese MODY10 family. Molecular and Cellular Biochemistry, 2020, 470, 77-86.	3.1	6
18	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. Theranostics, 2020, 10, 2029-2046.	10.0	35

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19	Obesity-induced excess of 17-hydroxyprogesterone promotes hyperglycemia through activation of glucocorticoid receptor. Journal of Clinical Investigation, 2020, 130, 3791-3804.	8.2	28
20	Relationship between circulating miR-132 and non-alcoholic fatty liver disease in a Chinese population. Hereditas, 2020, 157, 22.	1.4	9
21	Altered intestinal microbiota associated with colorectal cancer. Frontiers of Medicine, 2019, 13, 461-470.	3.4	30
22	Serum haptoglobin levels are associated with renal function decline in type 2 diabetes mellitus patients in a Chinese Han population. Diabetes Research and Clinical Practice, 2019, 156, 107865.	2.8	4
23	Hepatic nitric oxide synthase 1 adaptor protein regulates glucose homeostasis and hepatic insulin sensitivity in obese mice depending on its PDZ binding domain. EBioMedicine, 2019, 47, 352-364.	6.1	6
24	Alcohol consumption and its interaction with genetic variants are strongly associated with the risk of type 2 diabetes: a prospective cohort study. Nutrition and Metabolism, 2019, 16, 64.	3.0	8
25	Serum growth differentiation factor 15 is associated with glucose metabolism in the third trimester in Chinese pregnant women. Diabetes Research and Clinical Practice, 2019, 156, 107823.	2.8	20
26	Ursodeoxycholic acid stimulates alveolar fluid clearance in LPS‐induced pulmonary edema via ALX/cAMP/PI3K pathway. Journal of Cellular Physiology, 2019, 234, 20057-20065.	4.1	33
27	Effects of the ALX/FPR2 receptors of lipoxin A4 on lung injury induced by fat embolism syndrome in rats. Biomedicine and Pharmacotherapy, 2019, 112, 108595.	5.6	5
28	Circulating miR‐29b positively correlates with non‐alcoholic fatty liver disease in a Chinese population. Journal of Digestive Diseases, 2019, 20, 189-195.	1.5	8
29	Patient Adipose Stem Cell-Derived Adipocytes Reveal Genetic Variation that Predicts Antidiabetic Drug Response. Cell Stem Cell, 2019, 24, 299-308.e6.	11.1	27
30	Association between serum haptoglobin and carotid arterial functions: usefulness of a targeted metabolomics approach. Cardiovascular Diabetology, 2019, 18, 8.	6.8	4
31	Association of the genetic variant rs2000999 with haptoglobin and diabetic macrovascular diseases in Chinese patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2019, 33, 178-181.	2.3	5
32	Causal Association of Overall Obesity and Abdominal Obesity with Type 2 Diabetes: A Mendelian Randomization Analysis. Obesity, 2018, 26, 934-942.	3.0	33
33	Role of genetic and environmental factors in DNA methylation of lipid metabolism. Genes and Diseases, 2018, 5, 9-15.	3.4	21
34	Arg913Gln of SLC12A3 gene promotes development and progression of end-stage renal disease in Chinese type 2 diabetes mellitus. Molecular and Cellular Biochemistry, 2018, 437, 203-210.	3.1	17
35	Insights into pathogenesis of five novel GCK mutations identified in Chinese MODY patients. Metabolism: Clinical and Experimental, 2018, 89, 8-17.	3.4	15
36	FADS1-FADS2 genetic polymorphisms are associated with fatty acid metabolism through changes in DNA methylation and gene expression. Clinical Epigenetics, 2018, 10, 113.	4.1	52

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37	A2BAR activation attenuates acute lung injury by inhibiting alveolar epithelial cell apoptosis both in vivo and in vitro. American Journal of Physiology - Cell Physiology, 2018, 315, C558-C570.	4.6	24
38	Association between serum somatostatin levels and glucose-lipid metabolism in the Jino ethnic minority and Han Chinese population. Science China Life Sciences, 2018, 61, 1382-1388.	4.9	0
39	Mendelian randomization analysis to assess a causal effect of haptoglobin on macroangiopathy in Chinese type 2 diabetes patients. Cardiovascular Diabetology, 2018, 17, 14.	6.8	18
40	Tumor pH and intracellular reduction responsive polypeptide nanomedicine with a sheddable PEG corona and a disulfide-cross-linked core. Polymer Chemistry, 2018, 9, 3488-3498.	3.9	21
41	Topiramate exhibits anti-tumorigenic and metastatic effects in ovarian cancer cells. American Journal of Translational Research (discontinued), 2018, 10, 1663-1676.	0.0	5
42	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. Human Molecular Genetics, 2017, 26, 1770-1784.	2.9	135
43	Biopolymerâ€"Drug Conjugate Nanotheranostics for Multimodal Imaging-Guided Synergistic Cancer Photothermalâ€"Chemotherapy. ACS Applied Materials & Interfaces, 2017, 9, 31576-31588.	8.0	49
44	Whole-exome sequencing identifies a novel INS mutation causative of maturity-onset diabetes of the young 10. Journal of Molecular Cell Biology, 2017, 9, 376-383.	3.3	18
45	CDKAL1 rs7756992 is associated with diabetic retinopathy in a Chinese population with type 2 diabetes. Scientific Reports, 2017, 7, 8812.	3.3	12
46	ITRAQ-Based Proteomics Analysis of Acute Lung Injury Induced by Oleic Acid in Mice. Cellular Physiology and Biochemistry, 2017, 44, 1949-1964.	1.6	17
47	Association of type 2 diabetes susceptibility loci with peripheral nerve function in a Chinese population with diabetes. Journal of Diabetes Investigation, 2017, 8, 115-120.	2.4	13
48	Polymorphisms of the KCNQ1 gene are associated with the therapeutic responses of sulfonylureas in Chinese patients with type 2 diabetes. Acta Pharmacologica Sinica, 2017, 38, 80-89.	6.1	19
49	The Association of a Genetic Variant in<i>SCAF8-CNKSR3</i>with Diabetic Kidney Disease and Diabetic Retinopathy in a Chinese Population. Journal of Diabetes Research, 2017, 2017, 1-6.	2.3	10
50	The Effects of Aquaporin-1 in Pulmonary Edema Induced by Fat Embolism Syndrome. International Journal of Molecular Sciences, 2016, 17, 1183.	4.1	10
51	FAM172A protein promotes the proliferation of human papillary thyroid carcinoma cells via the p38 mitogen-activated protein kinase pathway. Molecular Medicine Reports, 2016, 13, 353-358.	2.4	9
52	Association between serum uric acid related genetic loci and diabetic kidney disease in the Chinese type 2 diabetes patients. Journal of Diabetes and Its Complications, 2016, 30, 798-802.	2.3	6
53	Impaired pancreatic beta cell compensatory function is the main cause of type 2 diabetes in individuals with high genetic risk: a 9Âyear prospective cohort study in the Chinese population. Diabetologia, 2016, 59, 1458-1462.	6.3	19
54	A causal relationship between uric acid and diabetic macrovascular disease in Chinese type 2 diabetes patients: A Mendelian randomization analysis. International Journal of Cardiology, 2016, 214, 194-199.	1.7	35

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55	Joint effects of diabetic-related genomic loci on the therapeutic efficacy of oral anti-diabetic drugs in Chinese type 2 diabetes patients. Scientific Reports, 2016, 6, 23266.	3.3	10
56	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. Molecular and Cellular Biochemistry, 2016, 422, 181-188.	3.1	7
57	Genome Wide Association Study Identifies L3MBTL4 as a Novel Susceptibility Gene for Hypertension. Scientific Reports, 2016, 6, 30811.	3.3	15
58	Association between FNDC5 genetic variants and proliferative diabetic retinopathy in a Chinese population. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 580-582.	1.9	3
59	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. Nature Communications, 2016, 7, 10531.	12.8	149
60	The coexistence of carotid and lower extremity atherosclerosis further increases cardio-cerebrovascular risk in type 2 diabetes. Cardiovascular Diabetology, 2016, 15, 43.	6.8	45
61	Genetic and clinical variables identify predictors for chronic kidney disease in type 2 diabetes. Kidney International, 2016, 89, 411-420.	5.2	22
62	High Glucose Increases the Expression of Inflammatory Cytokine Genes in Macrophages Through H3K9 Methyltransferase Mechanism. Journal of Interferon and Cytokine Research, 2016, 36, 48-61.	1.2	34
63	Effects of Obesity Related Genetic Variations on Visceral and Subcutaneous Fat Distribution in a Chinese Population. Scientific Reports, 2016, 6, 20691.	3.3	47
64	A variant of PSMD6 is associated with the therapeutic efficacy of oral antidiabetic drugs in Chinese type 2 diabetes patients. Scientific Reports, 2015, 5, 10701.	3.3	16
65	Common Variants Related to Serum Uric Acid Concentrations Are Associated with Glucose Metabolism and Insulin Secretion in a Chinese Population. PLoS ONE, 2015, 10, e0116714.	2.5	21
66	Circulating irisin levels are associated with lipid and uric acid metabolism in a Chinese population. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 896-901.	1.9	22
67	Association of <i><scp>T</scp>oll‐like <scp>R</scp>eceptor 4</i>‐<scp>G</scp>ene polymorphisms with susceptibility to type 2 diabetes mellitus in the <scp>C</scp>hinese population Tollæ·å—ä½"4åŸºå› å¤šæ€å½¢ä¸Žä¸å›½äººç¾¤2å‹ç³–å°¿ç—…çš„å…³ç³». Journal of Diabetes, 2015, 7, 485-492.	1.2	18
68	Uric Acid Is Independently Associated with Diabetic Kidney Disease: A Cross-Sectional Study in a Chinese Population. PLoS ONE, 2015, 10, e0129797.	2.5	47
69	High‐normal urinary albumin‐to‐creatinine ratio is independently associated with metabolic syndrome in <scp>C</scp>hinese patients with type 2 diabetes mellitus: A cross‐sectional community‐based study. Journal of Diabetes Investigation, 2015, 6, 354-359.	2.4	4
70	Genome-Wide Association Meta-analysis Identifies Novel Variants Associated With Fasting Plasma Glucose in East Asians. Diabetes, 2015, 64, 291-298.	0.6	59
71	C-reactive protein genetic variant is associated with diabetic retinopathy in Chinese patients with type 2 diabetes. BMC Endocrine Disorders, 2015, 15, 8.	2.2	14
72	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. Cardiovascular Diabetology, 2015, 14, 36.	6.8	16

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73	Decreased urine uric acid excretion is associated with diabetic retinopathy but not with lower limb atherosclerosis in hospitalized patients with type 2 diabetes. Atherosclerosis, 2015, 242, 13-18.	0.8	14
74	Mutation screening for thalassaemia in the Jino ethnic minority population of Yunnan Province, Southwest China. BMJ Open, 2015, 5, e010047.	1.9	8
75	An Interaction between a FNDC5 Variant and Obesity Modulates Glucose Metabolism in a Chinese Han Population. PLoS ONE, 2014, 9, e109957.	2.5	18
76	Serum uric acid levels are associated with polymorphisms in the SLC2A9, SF1, and GCKR genes in a Chinese population. Acta Pharmacologica Sinica, 2014, 35, 1421-1427.	6.1	15
77	Lack of Association betweenTLR4Genetic Polymorphisms and Diabetic Nephropathy in a Chinese Population. BioMed Research International, 2014, 2014, 1-6.	1.9	2
78	Retinal microvascular abnormalities are associated with early carotid atherosclerotic lesions in hospitalized Chinese patients with type 2 diabetes mellitus. Journal of Diabetes and Its Complications, 2014, 28, 378-385.	2.3	18
79	Prevalence and clinical characteristics of lower limb atherosclerotic lesions in newly diagnosed patients with ketosis-onset diabetes: a cross-sectional study. Diabetology and Metabolic Syndrome, 2014, 6, 71.	2.7	27
80	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
81	Expression of vascular endothelial growth factor C and anti-angiogenesis therapy in endometriosis. International Journal of Clinical and Experimental Pathology, 2014, 7, 7752-9.	0.5	13
82	Association of Genetic Variants of<i>BMP4</i>with Type 2 Diabetes Mellitus and Clinical Traits in a Chinese Han Population. BioMed Research International, 2013, 2013, 1-7.	1.9	5
83	Associations of Common Variants at<i>APLN</i>and Hypertension in Chinese Subjects with and without Diabetes. Experimental Diabetes Research, 2012, 2012, 1-6.	3.8	12
84	A common polymorphism of CYP4A11 is associated with blood pressure in a Chinese population. Hypertension Research, 2011, 34, 645-648.	2.7	15
85	Association of apelin genetic variants with type 2 diabetes and related clinical features in Chinese Hans. Chinese Medical Journal, 2009, 122, 1273-6.	2.3	13