Miao Yu

List of Publications by Year
in descending order

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Version: 2024-02-01

78	1,523	331670	361022
papers	citations	21 h-index	35 g-index

81	81	81	2545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Placental Microbiome Varies in Association with Low Birth Weight in Full-Term Neonates. Nutrients, 2015, 7, 6924-6937.	4.1	153
2	Vildagliptin increases butyrate-producing bacteria in the gut of diabetic rats. PLoS ONE, 2017, 12, e0184735.	2.5	80
3	Imbalance of Fecal Microbiota at Newly Diagnosed Type 1 Diabetes in Chinese Children. Chinese Medical Journal, 2016, 129, 1298-1304.	2.3	77
4	Improved Glucose and Lipid Metabolism in the Early Life of Female Offspring by Maternal Dietary Genistein Is Associated With Alterations in the Gut Microbiota. Frontiers in Endocrinology, 2018, 9, 516.	3.5	73
5	DNA methylation: the pivotal interaction between early-life nutrition and glucose metabolism in later life. British Journal of Nutrition, 2014, 112, 1850-1857.	2.3	67
6	Maternal High-Fat Diet Modulates Hepatic Glucose, Lipid Homeostasis and Gene Expression in the PPAR Pathway in the Early Life of Offspring. International Journal of Molecular Sciences, 2014, 15, 14967-14983.	4.1	57
7	Correlation of placental microbiota with fetal macrosomia and clinical characteristics in mothers and newborns. Oncotarget, 2017, 8, 82314-82325.	1.8	57
8	Featured article: Structure moderation of gut microbiota in liraglutide-treated diabetic male rats. Experimental Biology and Medicine, 2018, 243, 34-44.	2.4	56
9	The Placental Microbiota Is Altered among Subjects with Gestational Diabetes Mellitus: A Pilot Study. Frontiers in Physiology, 2017, 8, 675.	2.8	55
10	Maternal Low-Protein Diet Modulates Glucose Metabolism and Hepatic MicroRNAs Expression in the Early Life of Offspring â€. Nutrients, 2017, 9, 205.	4.1	53
11	A Maternal High-Fat Diet Induces DNA Methylation Changes That Contribute to Glucose Intolerance in Offspring. Frontiers in Endocrinology, 2019, 10, 871.	3.5	50
12	Maternal high-calorie diet is associated with altered hepatic microRNA expression and impaired metabolic health in offspring at weaning age. Endocrine, 2016, 54, 70-80.	2.3	36
13	Increasing trend of diabetes combined with hypertension or hypercholesterolemia: NHANES data analysis 1999â€“2012. Scientific Reports, 2016, 6, 36093.	3.3	36
14	Direct headâ€toâ€head comparison of glycaemic durability of dipeptidyl peptidaseâ€4 inhibitors and sulphonylureas in patients with type 2 diabetes mellitus: A metaâ€analysis of longâ€term randomized controlled trials. Diabetes, Obesity and Metabolism, 2018, 20, 1029-1033.	4.4	31
15	Toll-like receptor 4 is up-regulated by mTOR activation during THP-1 macrophage foam cells formation. Acta Biochimica Et Biophysica Sinica, 2011, 43, 940-947.	2.0	28
16	2,4,5-Trisubstituted thiazole derivatives as HIV-1 NNRTIs effective on both wild-type and mutant HIV-1 reverse transcriptase: Optimization of the substitution of positions 4 and 5. European Journal of Medicinal Chemistry, 2016, 123, 309-316.	5.5	28
17	Maternal Exercise Improves High-Fat Diet-Induced Metabolic Abnormalities and Gut Microbiota Profiles in Mouse Dams and Offspring. Frontiers in Cellular and Infection Microbiology, 2020, 10, 292.	3.9	28
18	The effects of maternal and post-weaning diet interaction on glucose metabolism and gut microbiota in male mice offspring. Bioscience Reports, 2016, 36, .	2.4	25

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19	Whole grain food diet slightly reduces cardiovascular risks in obese/overweight adults: a systematic review and meta-analysis. BMC Cardiovascular Disorders, 2020, 20, 82.	1.7	25
20	Compound Danshen Dripping Pill Inhibits Retina Cell Apoptosis in Diabetic Rats. Frontiers in Physiology, 2018, 9, 1501.	2.8	24
21	The programming effects of nutritionâ€induced catchâ€up growth on gut microbiota and metabolic diseases in adult mice. MicrobiologyOpen, 2016, 5, 296-306.	3.0	23
22	Maternal Chromium Restriction Leads to Glucose Metabolism Imbalance in Mice Offspring through Insulin Signaling and Wnt Signaling Pathways. International Journal of Molecular Sciences, 2016, 17, 1767.	4.1	22
23	Chromium-containing traditional Chinese medicine, Tianmai Xiaoke Tablet improves blood glucose through activating insulin-signaling pathway and inhibiting PTP1B and PCK2 in diabetic rats. Journal of Integrative Medicine, 2014, 12, 162-170.	3.1	19
24	Maternal protein restriction induces earlyâ€onset glucoseÂintolerance and alters hepatic genes expression in the peroxisome proliferatorâ€activated receptor pathway in offspring. Journal of Diabetes Investigation, 2015, 6, 269-279.	2.4	19
25	Liraglutide protects cardiac function in diabetic rats through the PPARÎ± pathway. Bioscience Reports, 2018, 38, .	2.4	19
26	miR-375 and miR-30d in the Effect of Chromium-Containing Chinese Medicine Moderating Glucose Metabolism. Journal of Diabetes Research, 2014, 2014, 1-6.	2.3	17
27	Dietary Genistein Could Modulate Hypothalamic Circadian Entrainment, Reduce Body Weight, and Improve Glucose and Lipid Metabolism in Female Mice. International Journal of Endocrinology, 2019, 2019, 1-10.	1.5	17
28	Effects of Maternal Chromium Restriction on the Long-Term Programming in MAPK Signaling Pathway of Lipid Metabolism in Mice. Nutrients, 2016, 8, 488.	4.1	16
29	Influence of Maternal Inulin-Type Prebiotic Intervention on Glucose Metabolism and Gut Microbiota in the Offspring of C57BL Mice. Frontiers in Endocrinology, 2019, 10, 675.	3.5	16
30	Identification and functional analysis of GCK gene mutations in 12 Chinese families with hyperglycemia. Journal of Diabetes Investigation, 2019, 10, 963-971.	2.4	16
31	Deep learningâ€based detection and stage grading for optimising diagnosis of diabetic retinopathy. Diabetes/Metabolism Research and Reviews, 2021, 37, e3445.	4.0	16
32	Early combination versus initial metformin monotherapy in the management of newly diagnosed type 2 diabetes: An<scp>East Asian</scp>perspective. Diabetes, Obesity and Metabolism, 2021, 23, 3-17.	4.4	16
33	Dietary Chromium Restriction of Pregnant Mice Changes the Methylation Status of Hepatic Genes Involved with Insulin Signaling in Adult Male Offspring. PLoS ONE, 2017, 12, e0169889.	2.5	16
34	Maternal chromium restriction induces insulin resistance in adult mice offspring through miRNA. International Journal of Molecular Medicine, 2018, 41, 1547-1559.	4.0	15
35	Localized increases in CEPT1 and ATGL elevate plasmalogen phosphatidylcholines in HDLs contributing to atheroprotective lipid profiles in hyperglycemic GCK-MODY. Redox Biology, 2021, 40, 101855.	9.0	13
36	Screening of HNF1A and HNF4A mutation and clinical phenotype analysis in a large cohort of Chinese patients with maturity-onset diabetes of the young. Acta Diabetologica, 2019, 56, 281-288.	2.5	12

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37	Management of osteoporosis with calcitriol in elderly Chinese patients: a systematic review. Clinical Interventions in Aging, 2014, 9, 515.	2.9	10
38	Genetic analysis and literature review of Chinese patients with familial renal glucosuria: Identification of a novel SLC5A2 mutation. Clinica Chimica Acta, 2017, 469, 105-110.	1.1	10
39	Maternal chromium restriction modulates miRNA profiles related to lipid metabolism disorder in mice offspring. Experimental Biology and Medicine, 2017, 242, 1444-1452.	2.4	10
40	CMap analysis identifies Atractyloside as a potential drug candidate for type 2 diabetes based on integration of metabolomics and transcriptomics. Journal of Cellular and Molecular Medicine, 2020, 24, 7417-7426.	3.6	10
41	Co-Occurrence of Multiple Endocrine Abnormalities Induced by the DIHS/DRESS. International Journal of Endocrinology, 2019, 2019, 1-8.	1.5	9
42	Maternal High-Fat Diet Disturbs the DNA Methylation Profile in the Brown Adipose Tissue of Offspring Mice. Frontiers in Endocrinology, 2021, 12, 705827.	3.5	9
43	Correlation of High-Molecular-Weight Adiponectin and Leptin Concentrations with Anthropometric Parameters and Insulin Sensitivity in Newborns. International Journal of Endocrinology, 2014, 2014, 1-6.	1.5	8
44	Amplitude of QRS complex within initial 40 ms in V2 (V2QRSi40): Novel electrocardiographic criterion for predicting accurate localization of outflow tract ventricular arrhythmia origin. Heart Rhythm, 2020, 17, 2164-2171.	0.7	8
45	Efficacy and Safety of Dulaglutide by Baseline HbA1c in Chinese Patients with Type 2 Diabetes: A Post Hoc Analysis. Diabetes Therapy, 2020, 11, 1147-1159.	2.5	8
46	Clinical Characteristics of Wolfram Syndrome in Chinese Population and a Novel Frameshift Mutation in WFS1. Frontiers in Endocrinology, 2018, 9, 18.	3.5	7
47	Vildagliptin, a dipeptidyl peptidase-4 inhibitor, attenuated endothelial dysfunction through miRNAs in diabetic rats. Archives of Medical Science, 2021, 17, 1378-1387.	0.9	7
48	A Clinical Prediction Model to Distinguish Maturity-Onset Diabetes of the Young From Type 1 and Type 2 Diabetes in the Chinese Population. Endocrine Practice, 2021, 27, 776-782.	2.1	7
49	The predictive value of epicardial adipose tissue volume assessed by cardiac magnetic resonance for atrial fibrillation in patients with hypertrophic obstructive cardiomyopathy. International Journal of Cardiovascular Imaging, 2021, 37, 1383-1393.	1.5	7
50	Redefining the Blanking Period by a Long-Term Follow-Up after Atrial Fibrillation Ablation Using Second-Generation Cryoballoon. International Heart Journal, 2020, 61, 936-943.	1.0	7
51	The effect of maternal chromium status on lipid metabolism in female elderly mice offspring and involved molecular mechanism. Bioscience Reports, 2017, 37, .	2.4	6
52	Preliminary screening of mutations in the glucokinase gene of Chinese patients with gestational diabetes. Journal of Diabetes Investigation, 2018, 9, 199-203.	2.4	6
53	Shenqi Jiangtang Granule Ameliorates Kidney Function by Inhibiting Apoptosis in a Diabetic Rat Model. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-12.	1.2	6
54	Liraglutide Improves Endothelial Function via the mTOR Signaling Pathway. Journal of Diabetes Research, 2021, 2021, 1-7.	2.3	6

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55	Maternal Dietary Betaine Prevents High-Fat Diet-Induced Metabolic Disorders and Gut Microbiota Alterations in Mouse Dams and Offspring From Young to Adult. Frontiers in Microbiology, 2022, 13, 809642.	3.5	6
56	Maternal Inulin Supplementation Alters Hepatic DNA Methylation Profile and Improves Glucose Metabolism in Offspring Mice. Frontiers in Physiology, 2020, 11, 70.	2.8	5
57	Improvement in glucose metabolism in adult male offspring of maternal mice fed diets supplemented with inulin via regulation of the hepatic long noncoding RNA profile. FASEB Journal, 2021, 35, e22003.	0.5	5
58	Discovery of a semi-synthesized cyclolignan as a potent HIV-1 non-nucleoside reverse transcriptase inhibitor. Journal of Asian Natural Products Research, 2019, 21, 76-85.	1.4	4
59	Generation of an integration-free induced pluripotent stem cell line (PUMCHi001-A) from a patient with familial partial lipodystrophy type 2 (FPLD2) carrying a heterozygous p.R349W (c.1045CÂ>ÂT) mutation in the LMNA gene. Stem Cell Research, 2020, 42, 101651.	0.7	4
60	Diagnostic Capability and Influence Factors for a New Electrocardiogram Criterion in the Diagnosis of Left Ventricular Hypertrophy in a Chinese Population. Cardiology, 2020, 145, 294-302.	1.4	4
61	Qishen Yiqi Dripping Pill Protects Against Diabetic Nephropathy by Inhibiting the Wnt/Î²-Catenin and Transforming Growth Factor-Î²/Smad Signaling Pathways in Rats. Frontiers in Physiology, 2020, 11, 613324.	2.8	4
62	The Effects of Dietary Nutrition Intake on Glycemic Variability in Type 1 Diabetes Mellitus Adults. Diabetes Therapy, 2021, 12, 1055-1071.	2.5	4
63	Maternal Exercise Programs Glucose and Lipid Metabolism and Modulates Hepatic miRNAs in Adult Male Offspring. Frontiers in Nutrition, 2022, 9, 853197.	3.7	4
64	DNA Methylation and Birth Weight: a Genome-wide Analysis. Biomedical and Environmental Sciences, 2017, 30, 667-670.	0.2	4
65	A Possible Mechanism: Vildagliptin Prevents Aortic Dysfunction through Paraoxonase and Angiopoietin-Like 3. BioMed Research International, 2018, 2018, 1-14.	1.9	3
66	Maternal sitagliptin treatment attenuates offspring glucose metabolism and intestinal proinflammatory cytokines IL-6 and TNF-Î± expression in male rats. PeerJ, 2020, 8, e10310.	2.0	3
67	Efficacy and safety of sitagliptin added to treatment of patients with type 2 diabetes inadequately controlled with premixed insulin. Diabetes, Obesity and Metabolism, 2019, 21, 408-411.	4.4	2
68	Cardiac troponin I is associated with non-sustained ventricular tachycardia in patients with hypertrophic obstructive cardiomyopathy. Heart and Vessels, 2020, 35, 876-885.	1.2	2
69	A Simplified Two-Stepwise Electrocardiographic Algorithm to Distinguish Left from Right Ventricular Outflow Tract Tachycardia Origin. Cardiology, 2020, 145, 710-719.	1.4	2
70	Sex-Related Differences in the Impact of Systemic Hypertension on Left Ventricular Remodeling in Patients with Hypertrophic Obstructive Cardiomyopathy. Cardiology, 2020, 145, 203-214.	1.4	2
71	Distinguishing Ventricular Arrhythmias Originating from the Posterior Right Ventricular Outflow Tract, or Near the Right Coronary Cusp or Near the His-Bundle. American Journal of Cardiology, 2020, 126, 37-44.	1.6	2
72	Generation of an isogenic gene-corrected iPSC line (PUMCHi001-A-1) from a familial partial lipodystrophy type 2 (FPLD2) patient with a heterozygous R349W mutation in the LMNA gene. Stem Cell Research, 2020, 44, 101753.	0.7	2

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73	Impact of body mass index on left atrial dimension in HOCM patients. Open Medicine (Poland), 2021, 16, 207-216.	1.3	2
74	The Place of Sulfonylureas in the Evolving Landscape of Combination Therapy. Diabetes Therapy, 2020, 11, 23-28.	2.5	1
75	Clinical characteristics of endocrinopathies in Chinese patients with hereditary haemochromatosis. Diabetes/Metabolism Research and Reviews, 2021, 37, e3448.	4.0	1
76	Case Report: Diabetes in Chinese Bloom Syndrome. Frontiers in Endocrinology, 2021, 12, 524242.	3.5	1
77	The influence of metabolic syndrome on atrial fibrillation recurrence: five-year outcomes after a single cryoballoon ablation procedure.. Journal of Geriatric Cardiology, 2021, 18, 1019-1028.	0.2	1
78	Factors associated with switching from sulphonylureas to dipeptidyl peptidase 4 inhibitors among patients with type 2 diabetes in the United States. Diabetes, Obesity and Metabolism, 2021, 23, 2251-2260.	4.4	0