

# Miao-Meng Tiao

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,510  
citations

304368

22  
h-index

344852

36  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol Partially Prevents Rotenone-Induced Neurotoxicity in Dopaminergic SH-SY5Y Cells through Induction of Heme Oxygenase-1 Dependent Autophagy. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1625-1646.	1.8	144
2	High Fat Diets Sex-Specifically Affect the Renal Transcriptome and Program Obesity, Kidney Injury, and Hypertension in the Offspring. <i>Nutrients</i> , 2017, 9, 357.	1.7	74
3	Roles of Melatonin in Fetal Programming in Compromised Pregnancies. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5380-5401.	1.8	68
4	Melatonin attenuates prenatal dexamethasone-induced blood pressure increase in a rat model. <i>Journal of the American Society of Hypertension</i> , 2014, 8, 216-226.	2.3	60
5	Resveratrol ameliorates maternal and post-weaning high-fat diet-induced nonalcoholic fatty liver disease via renin-angiotensin system. <i>Lipids in Health and Disease</i> , 2018, 17, 178.	1.2	59
6	Sonographic Features of Small-bowel Intussusception in Pediatric Patients. <i>Academic Emergency Medicine</i> , 2001, 8, 368-373.	0.8	57
7	Melatonin Ameliorates Bile Duct Ligation-Induced Systemic Oxidative Stress and Spatial Memory Deficits in Developing Rats. <i>Pediatric Research</i> , 2009, 65, 176-180.	1.1	57
8	Resveratrol provides neuroprotective effects through modulation of mitochondrial dynamics and ERK1/2 regulated autophagy. <i>Free Radical Research</i> , 2018, 52, 1371-1386.	1.5	53
9	MicroRNA-29a protects against acute liver injury in a mouse model of obstructive jaundice via inhibition of the extrinsic apoptosis pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 30-41.	2.2	52
10	Maternal N-acetylcysteine therapy regulates hydrogen sulfide-generating pathway and prevents programmed hypertension in male offspring exposed to prenatal dexamethasone and postnatal high-fat diet. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 53, 6-12.	1.2	45
11	Maternal Melatonin Therapy Rescues Prenatal Dexamethasone and Postnatal High-Fat Diet Induced Programmed Hypertension in Male Rat Offspring. <i>Frontiers in Physiology</i> , 2015, 6, 377.	1.3	41
12	Prenatal dexamethasone-induced programmed hypertension and renal programming. <i>Life Sciences</i> , 2015, 132, 41-48.	2.0	40
13	Early Stage of Biliary Atresia Is Associated With Significant Changes in 8-Hydroxydeoxyguanosine and Mitochondrial Copy Number. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 45, 329-334.	0.9	39
14	Using interactive multimedia e-Books for learning blood cell morphology in pediatric hematology. <i>BMC Medical Education</i> , 2016, 16, 290.	1.0	35
15	Early transcriptional deregulation of hepatic mitochondrial biogenesis and its consequent effects on murine cholestatic liver injury. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 890-899.	2.2	34
16	The effect of the red wine polyphenol resveratrol on a rat model of biliary obstructed cholestasis: involvement of anti-apoptotic signalling, mitochondrial biogenesis and the induction of autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 871-879.	2.2	33
17	Prenatal dexamethasone exposure in rats results in long-term epigenetic histone modifications and tumour necrosis factor production decrease. <i>Immunology</i> , 2014, 143, 651-660.	2.0	30
18	Melatonin in the Regulation of Liver Steatosis following Prenatal Glucocorticoid Exposure. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	28

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19	Hepcidin protects against lipopolysaccharide-induced liver injury in a mouse model of obstructive jaundice. <i>Peptides</i> , 2012, 35, 212-217.	1.2	26
20	Resveratrol treatment improves the altered metabolism and related dysbiosis of gut programmed by prenatal high-fat diet and postnatal high-fat diet exposure. <i>Journal of Nutritional Biochemistry</i> , 2020, 75, 108260.	1.9	25
21	Alterations in NADPH oxidase expression and blood-brain barrier in bile duct ligation-treated young rats: Effects of melatonin. <i>Neurochemistry International</i> , 2012, 60, 751-758.	1.9	24
22	Effects of a quasi-experimental study of using flipped classroom approach to teach evidence-based medicine to medical technology students. <i>BMC Medical Education</i> , 2020, 20, 31.	1.0	24
23	Prenatal dexamethasone and postnatal high-fat diet have a synergistic effect of elevating blood pressure through a distinct programming mechanism of systemic and adipose renin-angiotensin systems. <i>Lipids in Health and Disease</i> , 2018, 17, 50.	1.2	23
24	Melatonin Alleviates Liver Apoptosis in Bile Duct Ligation Young Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1365.	1.8	21
25	Maternal Tryptophan Supplementation Protects Adult Rat Offspring against Hypertension Programmed by Maternal Chronic Kidney Disease: Implication of Tryptophan-Metabolizing Microbiome and Aryl Hydrocarbon Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4552.	1.8	21
26	Low Plasma Nitrite in Infantile Hypertrophic Pyloric Stenosis Patients. <i>Digestive Diseases and Sciences</i> , 2006, 51, 869-872.	1.1	20
27	Programming Effects of Prenatal Glucocorticoid Exposure with a Postnatal High-Fat Diet in Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2016, 17, 533.	1.8	20
28	Dexamethasone decreases cholestatic liver injury via inhibition of intrinsic pathway with simultaneous enhancement of mitochondrial biogenesis. <i>Steroids</i> , 2011, 76, 660-666.	0.8	19
29	Arginine modulates neonatal lymphocyte proliferation through an interleukin-2 independent pathway. <i>Immunology</i> , 2014, 143, 184-192.	2.0	19
30	Prenatal Dexamethasone Exposure Programs the Development of the Pancreas and the Secretion of Insulin in Rats. <i>Pediatrics and Neonatology</i> , 2017, 58, 135-144.	0.3	19
31	Resveratrol Treatment Ameliorates Leptin Resistance and Adiposity Programmed by the Combined Effect of Maternal and Postnatal Weaning High-Fat Diet. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801385.	1.5	18
32	Maternal Resveratrol Treatment Re-Programs and Maternal High-Fat Diet-Induced Retroperitoneal Adiposity in Male Offspring. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2780.	1.2	18
33	Pancreatitis in children: clinical analysis of 61 cases in southern Taiwan. <i>Chang Gung Medical Journal</i> , 2002, 25, 162-8.	0.7	18
34	Associations of Mitochondrial Haplogroups B4 and E with Biliary Atresia and Differential Susceptibility to Hydrophobic Bile Acid. <i>PLoS Genetics</i> , 2013, 9, e1003696.	1.5	17
35	Long term N-acetylcysteine administration rescues liver steatosis via endoplasmic reticulum stress with unfolded protein response in mice. <i>Lipids in Health and Disease</i> , 2020, 19, 105.	1.2	17
36	Maternal Obesity Related to High Fat Diet Induces Placenta Remodeling and Gut Microbiome Shaping That Are Responsible for Fetal Liver Lipid Dysmetabolism. <i>Frontiers in Nutrition</i> , 2021, 8, 736944.	1.6	17

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37	Postnatal High-Fat Diet Increases Liver Steatosis and Apoptosis Threatened by Prenatal Dexamethasone through the Oxidative Effect. <i>International Journal of Molecular Sciences</i> , 2016, 17, 369.	1.8	16
38	Prenatal Dexamethasone and Postnatal High-Fat Diet Decrease Interferon Gamma Production through an Age-Dependent Histone Modification in Male Sprague-Dawley Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1610.	1.8	15
39	Detrimental effect of maternal and post-weaning high-fat diet on the reproductive function in the adult female offspring rat: roles of insulin-like growth factor 2 and the ovarian circadian clock. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 817-826.	1.2	15
40	Obesity programmed by prenatal dexamethasone and postnatal high-fat diet leads to distinct alterations in nutrition sensory signals and circadian-clock genes in visceral adipose tissue. <i>Lipids in Health and Disease</i> , 2019, 18, 19.	1.2	15
41	Atypical Kawasaki Disease Presenting as Intestinal Pseudo-obstruction. <i>Journal of the Formosan Medical Association</i> , 2006, 105, 252-255.	0.8	12
42	Metformin ameliorates maternal high-fat diet-induced maternal dysbiosis and fetal liver apoptosis. <i>Lipids in Health and Disease</i> , 2021, 20, 100.	1.2	12
43	Early postnatal treatment with soluble epoxide hydrolase inhibitor or 15-deoxy- $\Delta^7$ -12,14-prostaglandin J2 prevents prenatal dexamethasone and postnatal high saturated fat diet induced programmed hypertension in adult rat offspring. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 124, 1-8.	1.0	11
44	Characteristics and Outcome of Liver Transplantation in Children with Alagille Syndrome: A Single-center Experience. <i>Pediatrics and Neonatology</i> , 2014, 55, 135-138.	0.3	10
45	Melatonin alleviates liver steatosis induced by prenatal dexamethasone exposure and postnatal high-fat diet. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 917-924.	0.8	10
46	Toll-like receptor 7 agonist induces hypoplasia of the biliary system in a neonatal mouse model. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 166-173.	1.5	8
47	Epidemiological features of infantile hypertrophic pyloric stenosis in Taiwan: A national study 1996-2004. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 78-81.	1.4	7
48	Different Management Options for Anaphylactoid Purpura with Intussusception A Case Report. <i>Academic Emergency Medicine</i> , 2001, 8, 1005-1007.	0.8	6
49	Multisource feedback analysis of pediatric outpatient teaching. <i>BMC Medical Education</i> , 2013, 13, 145.	1.0	6
50	Early and late effects of prenatal corticosteroid treatment on the microRNA profiles of lung tissue in rats. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 753-762.	0.8	6
51	Regulation of Leptin Methylation Not via Apoptosis by Melatonin in the Rescue of Chronic Programming Liver Steatosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3565.	1.8	6
52	Resveratrol intake during pregnancy and lactation re-programs adiposity and ameliorates leptin resistance in male progeny induced by maternal high-fat/high sucrose plus postnatal high-fat/high sucrose diets via fat metabolism regulation. <i>Lipids in Health and Disease</i> , 2020, 19, 174.	1.2	6
53	Prenatal glucocorticoid contributed to rat lung dysplasia is related to asymmetric dimethylarginine/nitric oxide pathway. <i>Science Bulletin</i> , 2015, 60, 1416-1425.	4.3	5
54	The Characteristics of Antioxidant Activity after Liver Transplantation in Biliary Atresia Patients. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	5

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55	Management of biliary atresia: experience in a single institute. <i>Chang Gung Medical Journal</i> , 2007, 30, 122-7.	0.7	5
56	Salmonella Gastroenteritis Complicated with Bacteremia and Ruptured Cholangitis in an Infant with Congenital Choledochal Cyst. <i>Journal of the Formosan Medical Association</i> , 2007, 106, S20-S23.	0.8	4
57	Cross-Fostering Increases Th1/Th2 Expression in a Prenatal Dexamethasone Exposure Rat Model. <i>PLoS ONE</i> , 2014, 9, e115554.	1.1	4
58	Postnatal high-fat diet leads to spatial deficit, obesity, and central and peripheral inflammation in prenatal dexamethasone adult offspring rats. <i>NeuroReport</i> , 2016, 27, 818-825.	0.6	4
59	A study on how using an interactive multimedia e-book improves teachers' ability to teach evidence-based medicine depending on their seniority. <i>BMC Medical Education</i> , 2021, 21, 547.	1.0	4
60	Urachal inflammatory mass mimicking an intra-abdominal tumor two years after excision of the urachal sinus in a child. <i>Chang Gung Medical Journal</i> , 2003, 26, 598-601.	0.7	3
61	Preface: Should single-incision laparoscopic appendectomy the new standard for pediatric appendicitis?. <i>Pediatrics and Neonatology</i> , 2020, 61, 369-370.	0.3	0