You-Lin Tain

List of Publications by Year in Descending Order

257 papers	4,763 citations	38 h-index	49 g-index
290 ext. papers	6,082 ext. citations	4.8 avg, IF	6.46 L-index

#	Paper	IF	Citations
257	Dietary Supplementation with Cysteine during Pregnancy Rescues Maternal Chronic Kidney Disease-Induced Hypertension in Male Rat Offspring: The Impact of Hydrogen Sulfide and Microbiota-Derived Tryptophan Metabolites.. *Antioxidants*, **2022**, 11,	7.1	1
256	Polysaccharide Extracts Derived from Defloration Waste of Fruit Pitaya Regulates Gut Microbiota in a Mice Model. *Fermentation*, **2022**, 8, 108	4.7	1
255	Oxidative Stress-Induced Hypertension of Developmental Origins: Preventive Aspects of Antioxidant Therapy.. *Antioxidants*, **2022**, 11,	7.1	3
254	Microneedle patches integrated with lateral flow cassettes for blood-free chronic kidney disease point-of-care testing during a pandemic.. *Biosensors and Bioelectronics*, **2022**, 208, 114234	11.8	0
253	Hypertension of Developmental Origins: Consideration of Gut Microbiome in Animal Models.. *Biomedicines*, **2022**, 10,	4.8	2
252	Developmental and Early Life Origins of Hypertension: Preventive Aspects of Melatonin. *Antioxidants*, **2022**, 11, 924	7.1	
251	Prediction and Clinically Important Factors of Acute Kidney Injury Non-recovery.. *Frontiers in Medicine*, **2021**, 8, 789874	4.9	0
250	Adverse Impact of Environmental Chemicals on Developmental Origins of Kidney Disease and Hypertension. *Frontiers in Endocrinology*, **2021**, 12, 745716	5.7	3
249	Synthesis of Short-Chain-Fatty-Acid Resveratrol Esters and Their Antioxidant Properties. *Antioxidants*, **2021**, 10,	7.1	10
248	Tadalafil ameliorates bladder overactivity by restoring insulin-activated detrusor relaxation via the bladder mucosal IRS/PI3K/AKT/eNOS pathway in fructose-fed rats. *Scientific Reports*, **2021**, 11, 8202	4.9	2
247	Preventive Aspects of Early Resveratrol Supplementation in Cardiovascular and Kidney Disease of Developmental Origins. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	10
246	Clinical characteristics, triggering etiologies, and response of plasmapheresis in thrombotic microangiopathy in Taiwan. *Medicine (United States)*, **2021**, 100, e25986	1.8	
245	Animal Models for DOHaD Research: Focus on Hypertension of Developmental Origins. *Biomedicines*, **2021**, 9,	4.8	8
244	Resveratrol Butyrate Esters Inhibit BPA-Induced Liver Damage in Male Offspring Rats by Modulating Antioxidant Capacity and Gut Microbiota. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9
243	Maternal Garlic Oil Supplementation Prevents High-Fat Diet-Induced Hypertension in Adult Rat Offspring: Implications of H2S-Generating Pathway in the Gut and Kidneys. *Molecular Nutrition and Food Research*, **2021**, 65, e2001116	5.9	13
242	Changing trends in dialysis modalities utilization and mortality in children, adolescents and young adults with acute kidney injury, 2010-2017. *Scientific Reports*, **2021**, 11, 11887	4.9	
241	Resveratrol Butyrate Esters Inhibit Obesity Caused by Perinatal Exposure to Bisphenol A in Female Offspring Rats. *Molecules*, **2021**, 26,	4.8	5

240	Maternal resveratrol therapy protected adult rat offspring against hypertension programmed by combined exposures to asymmetric dimethylarginine and trimethylamine-N-oxide. *Journal of Nutritional Biochemistry*, **2021**, 93, 108630	6.3	7
239	Coronary Dilatation and Endothelial Inflammation in Neonates Born to Mothers with Preeclampsia. *Journal of Pediatrics*, **2021**, 228, 58-65.e3	3.6	2
238	Preventing Developmental Origins of Cardiovascular Disease: Hydrogen Sulfide as a Potential Target?. *Antioxidants*, **2021**, 10,	7.1	11
237	Targeting the Renin-Angiotensin-Aldosterone System to Prevent Hypertension and Kidney Disease of Developmental Origins. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	19
236	Altered Gut Microbiota and Its Metabolites in Hypertension of Developmental Origins: Exploring Differences between Fructose and Antibiotics Exposure. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	10
235	Melatonin Prevents Chronic Kidney Disease-Induced Hypertension in Young Rat Treated with Adenine: Implications of Gut Microbiota-Derived Metabolites. *Antioxidants*, **2021**, 10,	7.1	2
234	Cardiovascular Diseases of Developmental Origins: Preventive Aspects of Gut Microbiota-Targeted Therapy. *Nutrients*, **2021**, 13,	6.7	9
233	Gasotransmitters for the Therapeutic Prevention of Hypertension and Kidney Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
232	Perinatal Resveratrol Therapy to Dioxin-Exposed Dams Prevents the Programming of Hypertension in Adult Rat Offspring. *Antioxidants*, **2021**, 10,	7.1	3
231	Maternal 3,3-Dimethyl-1-Butanol Therapy Protects Adult Male Rat Offspring against Hypertension Programmed by Perinatal TCDD Exposure. *Nutrients*, **2021**, 13,	6.7	1
230	Cardiovascular Disease Risk in Children With Chronic Kidney Disease: Impact of Apolipoprotein C-II and Apolipoprotein C-III. *Frontiers in Pediatrics*, **2021**, 9, 706323	3.4	1
229	Metformin ameliorates maternal high-fat diet-induced maternal dysbiosis and fetal liver apoptosis. *Lipids in Health and Disease*, **2021**, 20, 100	4.4	1
228	Rapid Detection of Gut Microbial Metabolite Trimethylamine N-Oxide for Chronic Kidney Disease Prevention. *Biosensors*, **2021**, 11,	5.9	3
227	Resveratrol Butyrate Ester Protects Adenine-Treated Rats against Hypertension and Kidney Disease by Regulating the Gut-Kidney Axis.. *Antioxidants*, **2021**, 11,	7.1	3
226	Separation and Identification of Resveratrol Butyrate Ester Complexes and Their Bioactivity in HepG2 Cell Models.. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
225	Maternal Obesity Related to High Fat Diet Induces Placenta Remodeling and Gut Microbiome Shaping That Are Responsible for Fetal Liver Lipid Dysmetabolism.. *Frontiers in Nutrition*, **2021**, 8, 736944	6.2	1
224	Perinatal Resveratrol Therapy Prevents Hypertension Programmed by Maternal Chronic Kidney Disease in Adult Male Offspring: Implications of the Gut Microbiome and Their Metabolites. *Biomedicines*, **2020**, 8,	4.8	14
223	Early-Life Programming and Reprogramming of Adult Kidney Disease and Hypertension: The Interplay between Maternal Nutrition and Oxidative Stress. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9

222	Effects of Maternal Resveratrol on Maternal High-Fat Diet/Obesity with or without Postnatal High-Fat Diet. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
221	Fast quantification of short-chain fatty acids in rat plasma by gas chromatography. *Journal of Food Science*, **2020**, 85, 1932-1938	3.4	2
220	Long term N-acetylcysteine administration rescues liver steatosis via endoplasmic reticulum stress with unfolded protein response in mice. *Lipids in Health and Disease*, **2020**, 19, 105	4.4	3
219	Environmental Stimulation Counteracts the Suppressive Effects of Maternal High-Fructose Diet on Cell Proliferation and Neuronal Differentiation in the Dentate Gyrus of Adult Female Offspring via Histone Deacetylase 4. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	2
218	Amino Acids and Developmental Origins of Hypertension. *Nutrients*, **2020**, 12,	6.7	8
217	Light and Circadian Signaling Pathway in Pregnancy: Programming of Adult Health and Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	14
216	Maternal Tryptophan Supplementation Protects Adult Rat Offspring against Hypertension Programmed by Maternal Chronic Kidney Disease: Implication of Tryptophan-Metabolizing Microbiome and Aryl Hydrocarbon Receptor. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	13
215	Comparison of uric acid reduction and renal outcomes of febuxostat vs allopurinol in patients with chronic kidney disease. *Scientific Reports*, **2020**, 10, 10734	4.9	2
214	Rats with prenatal dexamethasone exposure and postnatal high-fat diet exhibited insulin resistance, and spatial learning and memory impairment: effects of enriched environment. *NeuroReport*, **2020**, 31, 265-273	1.7	3
213	Whether AICAR in Pregnancy or Lactation Prevents Hypertension Programmed by High Saturated Fat Diet: A Pilot Study. *Nutrients*, **2020**, 12,	6.7	3
212	Association of Trimethylamine, Trimethylamine N-oxide, and Dimethylamine with Cardiovascular Risk in Children with Chronic Kidney Disease. *Journal of Clinical Medicine*, **2020**, 9,	5.1	11
211	Maternal Resveratrol Treatment Re-Programs and Maternal High-Fat Diet-Induced Retroperitoneal Adiposity in Male Offspring. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3
210	Machine Learning Model for Risk Prediction of Community-Acquired Acute Kidney Injury Hospitalization From Electronic Health Records: Development and Validation Study. *Journal of Medical Internet Research*, **2020**, 22, e16903	7.6	14
209	Developmental Origins of Kidney Disease: Why Oxidative Stress Matters?. *Antioxidants*, **2020**, 10,	7.1	18
208	Anomalous AMPK-regulated angiotensin ATR expression and SIRT1-mediated mitochondrial biogenesis at RVLM in hypertension programming of offspring to maternal high fructose exposure. *Journal of Biomedical Science*, **2020**, 27, 68	13.3	4
207	Resveratrol treatment improves the altered metabolism and related dysbiosis of gut programed by prenatal high-fat diet and postnatal high-fat diet exposure. *Journal of Nutritional Biochemistry*, **2020**, 75, 108260	6.3	12
206	Maternal Adenine-Induced Chronic Kidney Disease Programs Hypertension in Adult Male Rat Offspring: Implications of Nitric Oxide and Gut Microbiome Derived Metabolites. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	18
205	Developmental Programming and Reprogramming of Hypertension and Kidney Disease: Impact of Tryptophan Metabolism. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7

204	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. *Lipids in Health and Disease*, **2020**, 19, 174	4.4	2
203	Targeting on Gut Microbiota-Derived Metabolite Trimethylamine to Protect Adult Male Rat Offspring against Hypertension Programmed by Combined Maternal High-Fructose Intake and Dioxin Exposure. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
202	Trends in Antimicrobial Susceptibility of Isolates in a Taiwanese Child Cohort with Urinary Tract Infections between 2004 and 2018. *Antibiotics*, **2020**, 9,	4.9	3
201	Early Origins of Hypertension: Should Prevention Start Before Birth Using Natural Antioxidants?. *Antioxidants*, **2020**, 9,	7.1	16
200	Synthesis and Characterization of Novel Resveratrol Butyrate Esters That Have the Ability to Prevent Fat Accumulation in a Liver Cell Culture Model. *Molecules*, **2020**, 25,	4.8	11
199	The role of TRPM7 in vascular calcification: Comparison between phosphate and uremic toxin. *Life Sciences*, **2020**, 260, 118280	6.8	4
198	Association between Acrylamide Metabolites and Cardiovascular Risk in Children With Early Stages of Chronic Kidney Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
197	Maternal N-Acetylcysteine Therapy Prevents Hypertension in Spontaneously Hypertensive Rat Offspring: Implications of Hydrogen Sulfide-Generating Pathway and Gut Microbiota. *Antioxidants*, **2020**, 9,	7.1	13
196	Maternal Iron Deficiency Programs Offspring Cognition and Its Relationship with Gastrointestinal Microbiota and Metabolites. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	1
195	Maternal high fructose-induced hippocampal neuroinflammation in the adult female offspring via PPARΕNF-Β signaling. *Journal of Nutritional Biochemistry*, **2020**, 81, 108378	6.3	6
194	The Association Between Changes in Plasma Short-Chain Fatty Acid Concentrations and Hypertension in Children With Chronic Kidney Disease. *Frontiers in Pediatrics*, **2020**, 8, 613641	3.4	2
193	The Association between Nitric Oxide Pathway, Blood Pressure Abnormalities, and Cardiovascular Risk Profile in Pediatric Chronic Kidney Disease. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	13
192	The Interplay between Maternal and Post-Weaning High-Fat Diet and Gut Microbiota in the Developmental Programming of Hypertension. *Nutrients*, **2019**, 11,	6.7	20
191	The impact of adoption of a new urate-lowering agent on trends in utilization and cost in practice. *PLoS ONE*, **2019**, 14, e0221504	3.7	3
190	Maternal Exposure to Bisphenol A Combined with High-Fat Diet-Induced Programmed Hypertension in Adult Male Rat Offspring: Effects of Resveratrol. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	27
189	Young rats with increased circulatory asymmetric dimethylarginine exhibited spatial deficit and alterations in dorsal hippocampus brain-derived neurotrophic factor and asymmetric dimethylarginine: Effects of melatonin. *International Journal of Developmental Neuroscience*, **2019**, 78, 83-89	2.7	3
188	The Effects of Resveratrol in the Treatment of Metabolic Syndrome. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	38
187	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. *Lipids in Health and Disease*, **2019**, 18, 19	4.4	8

186	Circulating microRNAs and vascular calcification in hemodialysis patients. *Journal of International Medical Research*, **2019**, 47, 2929-2939	1.4	6
185	The Impact of Maternal Fructose Exposure on Angiogenic Activity of Endothelial Progenitor Cells and Blood Flow Recovery After Critical Limb Ischemia in Rat Offspring. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	2
184	The Good, the Bad, and the Ugly of Pregnancy Nutrients and Developmental Programming of Adult Disease. *Nutrients*, **2019**, 11,	6.7	41
183	Resveratrol Treatment Ameliorates Leptin Resistance and Adiposity Programed by the Combined Effect of Maternal and Post-Weaning High-Fat Diet. *Molecular Nutrition and Food Research*, **2019**, 63, e1801385	5.9	12
182	Resveratrol prevents combined prenatal N-nitro-L-arginine-methyl ester (L-NAME) treatment plus postnatal high-fat diet induced programmed hypertension in adult rat offspring: interplay between nutrient-sensing signals, oxidative stress and gut microbiota. *Journal of Nutritional Biochemistry*, **2019**, 70, 28-37	6.3	30
181	Maternal high-fat diet sex-specifically alters placental morphology and transcriptome in rats: Assessment by next-generation sequencing. *Placenta*, **2019**, 78, 44-53	3.4	12
180	Adherence to long-term use of renin-angiotensin II-aldosterone system inhibitors in children with chronic kidney disease. *BMC Pediatrics*, **2019**, 19, 64	2.6	2
179	High fructose diet induces early mortality via autophagy factors accumulation in the rostral ventrolateral medulla as ameliorated by pioglitazone. *Journal of Nutritional Biochemistry*, **2019**, 69, 87-97	6.3	5
178	Regulation of Nitric Oxide Production in the Developmental Programming of Hypertension and Kidney Disease. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	51
177	Protection of Male Rat Offspring against Hypertension Programmed by Prenatal Dexamethasone Administration and Postnatal High-Fat Diet with the Nrf2 Activator Dimethyl Fumarate during Pregnancy. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	17
176	Targeting on Gut Microbial Metabolite Trimethylamine-N-Oxide and Short-Chain Fatty Acid to Prevent Maternal High-Fructose-Diet-Induced Developmental Programming of Hypertension in Adult Male Offspring. *Molecular Nutrition and Food Research*, **2019**, 63, e1900073	5.9	34
175	Blood Pressure Abnormalities Associated with Gut Microbiota-Derived Short Chain Fatty Acids in Children with Congenital Anomalies of the Kidney and Urinary Tract. *Journal of Clinical Medicine*, **2019**, 8,	5.1	15
174	Impact of Arginine Nutrition and Metabolism during Pregnancy on Offspring Outcomes. *Nutrients*, **2019**, 11,	6.7	18
173	Ba-Wei-Die-Huang-Wan (Hachimi-jio-gan) can ameliorate ketamine-induced cystitis by modulating neuroreceptors, inflammatory mediators, and fibrogenesis in a rat model. *Neurourology and Urodynamics*, **2019**, 38, 2159-2169	2.3	8
172	Pioglitazone reversed the fructose-programmed astrocytic glycolysis and oxidative phosphorylation of female rat offspring. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 316, E622-E634	6	5
171	Perinatal Use of Melatonin for Offspring Health: Focus on Cardiovascular and Neurological Diseases. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
170	Hypertension Programmed by Perinatal High-Fat Diet: Effect of Maternal Gut Microbiota-Targeted Therapy. *Nutrients*, **2019**, 11,	6.7	39
169	Utility of human leukocyte antigen-B*58: 01 genotyping and patient outcomes. *Pharmacogenetics and Genomics*, **2019**, 29, 1-8	1.9	9

168	Evaluation of endothelial dysfunction, endothelial plasma markers, and traditional metabolic parameters in children with adiposity. *Journal of the Formosan Medical Association*, **2019**, 118, 83-91	3.2	3
167	Combined maternal and postnatal high-fat diet leads to metabolic syndrome and is effectively reversed by resveratrol: a multiple-organ study. *Scientific Reports*, **2018**, 8, 5607	4.9	25
166	Potential Orphan Drug Therapy of Intravesical Liposomal Onabotulinumtoxin-A for Ketamine-Induced Cystitis by Mucosal Protection and Anti-inflammation in a Rat Model. *Scientific Reports*, **2018**, 8, 5795	4.9	9
165	Biochemical basis for pharmacological intervention as a reprogramming strategy against hypertension and kidney disease of developmental origin. *Biochemical Pharmacology*, **2018**, 153, 82-90	6	15
164	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. *Lipids in Health and Disease*, **2018**, 17, 50	4.4	17
163	Resveratrol Prevents the Development of Hypertension Programmed by Maternal Plus Post-Weaning High-Fructose Consumption through Modulation of Oxidative Stress, Nutrient-Sensing Signals, and Gut Microbiota. *Molecular Nutrition and Food Research*, **2018**, 62, e1800066	5.9	44
162	Postnatal high-fat diet sex-specifically exacerbates prenatal dexamethasone-induced hypertension: Mass spectrometry-based quantitative proteomic approach. *Journal of Nutritional Biochemistry*, **2018**, 57, 268-275	6.3	4
161	EQ-5D-Y for the assessment of health-related quality of life among Taiwanese youth with mild-to-moderate chronic kidney disease. *International Journal for Quality in Health Care*, **2018**, 30, 298-303	1.9	10
160	Oral pioglitazone ameliorates fructose-induced peripheral insulin resistance and hippocampal gliosis but not restores inhibited hippocampal adult neurogenesis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 274-285	6.9	11
159	Early short-term treatment with exogenous hydrogen sulfide postpones the transition from prehypertension to hypertension in spontaneously hypertensive rat. *Clinical and Experimental Hypertension*, **2018**, 40, 58-64	2.2	21
158	Early Supplementation of d-Cysteine or l-Cysteine Prevents Hypertension and Kidney Damage in Spontaneously Hypertensive Rats Exposed to High-Salt Intake. *Molecular Nutrition and Food Research*, **2018**, 62, 1700596	5.9	22
157	Resveratrol ameliorates maternal and post-weaning high-fat diet-induced nonalcoholic fatty liver disease via renin-angiotensin system. *Lipids in Health and Disease*, **2018**, 17, 178	4.4	45
156	Melatonin alleviates liver steatosis induced by prenatal dexamethasone exposure and postnatal high-fat diet. *Experimental and Therapeutic Medicine*, **2018**, 16, 917-924	2.1	7
155	Prenatal Metformin Therapy Attenuates Hypertension of Developmental Origin in Male Adult Offspring Exposed to Maternal High-Fructose and Post-Weaning High-Fat Diets. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
154	Hydrogen Sulfide in Hypertension and Kidney Disease of Developmental Origins. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	23
153	AMP-Activated Protein Kinase as a Reprogramming Strategy for Hypertension and Kidney Disease of Developmental Origin. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	37
152	Maternal Melatonin Therapy Attenuated Maternal High-Fructose Combined with Post-Weaning High-Salt Diets-Induced Hypertension in Adult Male Rat Offspring. *Molecules*, **2018**, 23,	4.8	12
151	Maternal High Fructose Intake Increases the Vulnerability to Post-Weaning High-Fat Diet-Induced Programmed Hypertension in Male Offspring. *Nutrients*, **2018**, 10,	6.7	25

150	Translational insights on developmental origins of metabolic syndrome: Focus on fructose consumption. *Biomedical Journal*, **2018**, 41, 96-101	7.1	19
149	Epidemiology and outcomes of community-acquired and hospital-acquired acute kidney injury in children and adolescents. *Pediatric Research*, **2018**, 83, 622-629	3.2	10
148	Risk of tuberculosis comparison in new users of antitumour necrosis factor- and with existing disease-modifying antirheumatic drug therapy. *Journal of Clinical Pharmacy and Therapeutics*, **2018**, 43, 256-264	2.2	8
147	SP066POSTNATAL HIGH FAT DIET SEX SPECIFICALLY EXACERBATES PRENATAL DEXAMETHASONE INDUCED HYPERTENSION: MASS SPECTROMETRY BASED QUANTITATIVE PROTEOMIC APPROACH. *Nephrology Dialysis Transplantation*, **2018**, 33, i367-i368	4.3	
146	SP065DIMETHYL FUMARATE TREATMENT PREVENTS PRENATAL DEXAMETHASONE AND POSTNATAL HIGH FAT DIET INDUCED PROGRAMMED HYPERTENSION IN MALE RAT OFFSPRING. *Nephrology Dialysis Transplantation*, **2018**, 33, i367-i367	4.3	
145	Gut Microbiota-Dependent Trimethylamine -Oxide Pathway Associated with Cardiovascular Risk in Children with Early-Stage Chronic Kidney Disease. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	20
144	Regulation of Leptin Methylation Not via Apoptosis by Melatonin in the Rescue of Chronic Programming Liver Steatosis. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	4
143	The Double-Edged Sword Effects of Maternal Nutrition in the Developmental Programming of Hypertension. *Nutrients*, **2018**, 10,	6.7	16
142	Mortality Risks among Various Primary Renal Diseases in Children and Adolescents on Chronic Dialysis. *Journal of Clinical Medicine*, **2018**, 7,	5.1	6
141	Maternal Melatonin Therapy Attenuates Methyl-Donor Diet-Induced Programmed Hypertension in Male Adult Rat Offspring. *Nutrients*, **2018**, 10,	6.7	21
140	Maternal Resveratrol Therapy Protects Male Rat Offspring against Programmed Hypertension Induced by TCDD and Dexamethasone Exposures: Is It Relevant to Aryl Hydrocarbon Receptor?. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	28
139	Maternal Administration of Probiotic or Prebiotic Prevents Male Adult Rat Offspring against Developmental Programming of Hypertension Induced by High Fructose Consumption in Pregnancy and Lactation. *Nutrients*, **2018**, 10,	6.7	58
138	Developmental Programming of the Metabolic Syndrome: Can We Reprogram with Resveratrol?. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	23
137	Early Postweaning Treatment with Dimethyl Fumarate Prevents Prenatal Dexamethasone- and Postnatal High-Fat Diet-Induced Programmed Hypertension in Male Rat Offspring. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5343462	6.7	16
136	Effects of high fructose intake on the development of hypertension in the spontaneously hypertensive rats: the role of ATR/gp91 signaling in the rostral ventrolateral medulla. *Journal of Nutritional Biochemistry*, **2017**, 41, 73-83	6.3	10
135	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. *Journal of Assisted Reproduction and Genetics*, **2017**, 34, 817-826	3.4	7
134	Cost-effectiveness Analysis for Genotyping before Allopurinol Treatment to Prevent Severe Cutaneous Adverse Drug Reactions. *Journal of Rheumatology*, **2017**, 44, 835-843	4.1	47
133	Minocycline restores cognitive-relative altered proteins in young bile duct-ligated rat prefrontal cortex. *Life Sciences*, **2017**, 180, 75-82	6.8	6

132	A maternal high-fat diet during pregnancy and lactation, in addition to a postnatal high-fat diet, leads to metabolic syndrome with spatial learning and memory deficits: beneficial effects of resveratrol. *Oncotarget*, **2017**, 8, 111998-112013	3.3	19
131	Age-Dependent Effects of Prenatal Dexamethasone Exposure on Immune Responses in Male Rats. *Tohoku Journal of Experimental Medicine*, **2017**, 241, 225-237	2.4	5
130	Resveratrol prevents the combined maternal plus postweaning high-fat-diets-induced hypertension in male offspring. *Journal of Nutritional Biochemistry*, **2017**, 48, 120-127	6.3	37
129	Prenatal Dexamethasone Exposure Programs the Development of the Pancreas and the Secretion of Insulin in Rats. *Pediatrics and Neonatology*, **2017**, 58, 135-144	1.8	18
128	Maternal melatonin or agomelatine therapy prevents programmed hypertension in male offspring of mother exposed to continuous light. *Biology of Reproduction*, **2017**, 97, 636-643	3.9	17
127	High Fat Diets Sex-Specifically Affect the Renal Transcriptome and Program Obesity, Kidney Injury, and Hypertension in the Offspring. *Nutrients*, **2017**, 9,	6.7	55
126	Toxic Dimethylarginines: Asymmetric Dimethylarginine (ADMA) and Symmetric Dimethylarginine (SDMA). *Toxins*, **2017**, 9,	4.9	123
125	Interplay between Oxidative Stress and Nutrient Sensing Signaling in the Developmental Origins of Cardiovascular Disease. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	49
124	Developmental Origins of Chronic Kidney Disease: Should We Focus on Early Life?. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	48
123	Developmental Programming of Adult Disease: Reprogramming by Melatonin?. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	41
122	Etiology and pediatric chronic kidney disease progression: Taiwan Pediatric Renal Collaborative Study. *Journal of the Formosan Medical Association*, **2016**, 115, 752-63	3.2	8
121	Maternal melatonin or N-acetylcysteine therapy regulates hydrogen sulfide-generating pathway and renal transcriptome to prevent prenatal N-Nitro-L-arginine-methyl ester (L-NAME)-induced fetal programming of hypertension in adult male offspring. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 636.e1-636.e72	6.4	42
120	Targeting arachidonic acid pathway to prevent programmed hypertension in maternal fructose-fed male adult rat offspring. *Journal of Nutritional Biochemistry*, **2016**, 38, 86-92	6.3	26
119	Maternal Fructose Exposure Programs Metabolic Syndrome-Associated Bladder Overactivity in Young Adult Offspring. *Scientific Reports*, **2016**, 6, 34669	4.9	6
118	Postnatal high-fat diet leads to spatial deficit, obesity, and central and peripheral inflammation in prenatal dexamethasone adult offspring rats. *NeuroReport*, **2016**, 27, 818-25	1.7	4
117	Incidence and Risks of Congenital Anomalies of Kidney and Urinary Tract in Newborns: A Population-Based Case-Control Study in Taiwan. *Medicine (United States)*, **2016**, 95, e2659	1.8	50
116	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. *Nitric Oxide - Biology and Chemistry*, **2016**, 53, 6-12	5	36
115	Environmental stimulation rescues maternal high fructose intake-impaired learning and memory in female offspring: Its correlation with redistribution of histone deacetylase 4. *Neurobiology of Learning and Memory*, **2016**, 130, 105-17	3.1	22

114	Compliance with risk management plan recommendations on laboratory monitoring of antitumor necrosis factor-α therapy in clinical practice. *Journal of the Formosan Medical Association*, **2016**, 115, 83-93	3.2	5
113	Clinical characteristics and prevalence of complications of chronic kidney disease in children: the Taiwan Pediatric Renal Collaborative study. *Pediatric Nephrology*, **2016**, 31, 1113-20	3.2	13
112	Postnatal dexamethasone-induced programmed hypertension is related to the regulation of melatonin and its receptors. *Steroids*, **2016**, 108, 1-6	2.8	18
111	Ba-Wei-Die-Huang-Wan (Hachimi-jio-gan) can ameliorate cyclophosphamide-induced ongoing bladder overactivity and acidic adenosine triphosphate solution-induced hyperactivity on rats prestimulated bladder. *Journal of Ethnopharmacology*, **2016**, 184, 1-9	5	15
110	Low urinary citrulline/arginine ratio associated with blood pressure abnormalities and arterial stiffness in childhood chronic kidney disease. *Journal of the American Society of Hypertension*, **2016**, 10, 115-23		11
109	Combined Intraperitoneal and Intrathecal Etanercept Reduce Increased Brain Tumor Necrosis Factor-Alpha and Asymmetric Dimethylarginine Levels and Rescues Spatial Deficits in Young Rats after Bile Duct Ligation. *Frontiers in Cellular Neuroscience*, **2016**, 10, 167	6.1	12
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