

You-Lin Tain

List of Publications by Year in descending order

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286
papers

7,152
citations

57752

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all docs

290
docs citations

290
times ranked

5933
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxic Dimethylarginines: Asymmetric Dimethylarginine (ADMA) and Symmetric Dimethylarginine (SDMA). <i>Toxins</i> , 2017, 9, 92.	3.4	178
2	Effects of maternal l-citrulline supplementation on renal function and blood pressure in offspring exposed to maternal caloric restriction: The impact of nitric oxide pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 34-41.	2.7	91
3	Incidence and Risks of Congenital Anomalies of Kidney and Urinary Tract in Newborns. <i>Medicine (United States)</i> , 2016, 95, e2659.	1.0	90
4	Vitamin E reduces glomerulosclerosis, restores renal neuronal NOS, and suppresses oxidative stress in the 5/6 nephrectomized rat. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1404-F1410.	2.7	85
5	The Effects of Resveratrol in the Treatment of Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 535.	4.1	82
6	Melatonin prevents hypertension and increased asymmetric dimethylarginine in young spontaneous hypertensive rats. <i>Journal of Pineal Research</i> , 2010, 49, 390-398.	7.4	80
7	Melatonin prevents maternal fructose intake-induced programmed hypertension in the offspring: roles of nitric oxide and arachidonic acid metabolites. <i>Journal of Pineal Research</i> , 2014, 57, 80-89.	7.4	80
8	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. <i>Nutrients</i> , 2018, 10, 1229.	4.1	80
9	Reprogramming: A Preventive Strategy in Hypertension Focusing on the Kidney. <i>International Journal of Molecular Sciences</i> , 2016, 17, 23.	4.1	79
10	Regulation of Nitric Oxide Production in the Developmental Programming of Hypertension and Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 681.	4.1	77
11	Developmental Origins of Chronic Kidney Disease: Should We Focus on Early Life?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 381.	4.1	75
12	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.	4.1	74
13	The Good, the Bad, and the Ugly of Pregnancy Nutrients and Developmental Programming of Adult Disease. <i>Nutrients</i> , 2019, 11, 894.	4.1	71
14	Determination of dimethylarginine dimethylaminohydrolase activity in the kidney. <i>Kidney International</i> , 2007, 72, 886-889.	5.2	70
15	Roles of Melatonin in Fetal Programming in Compromised Pregnancies. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5380-5401.	4.1	68
16	Asymmetric Dimethylarginine Is Associated with Developmental Programming of Adult Kidney Disease and Hypertension in Offspring of Streptozotocin-Treated Mothers. <i>PLoS ONE</i> , 2013, 8, e55420.	2.5	67
17	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. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800066.	3.3	67
18	Melatonin utility in neonates and children. <i>Journal of the Formosan Medical Association</i> , 2012, 111, 57-66.	1.7	66

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19	Hypertension Programmed by Perinatal High-Fat Diet: Effect of Maternal Gut Microbiota-Targeted Therapy. <i>Nutrients</i> , 2019, 11, 2908.	4.1	66
20	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. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900073.	3.3	65
21	Interplay between Oxidative Stress and Nutrient Sensing Signaling in the Developmental Origins of Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 841.	4.1	64
22	Maternal citrulline supplementation prevents prenatal dexamethasone-induced programmed hypertension. <i>Free Radical Research</i> , 2014, 48, 580-586.	3.3	62
23	Incidence, Outcomes, and Risk Factors of Community-Acquired and Hospital-Acquired Acute Kidney Injury. <i>Medicine (United States)</i> , 2016, 95, e3674.	1.0	62
24	Roles of Nitric Oxide and Asymmetric Dimethylarginine in Pregnancy and Fetal Programming. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14606-14622.	4.1	61
25	Melatonin blocks oxidative stress-induced increased asymmetric dimethylarginine. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1088-1098.	2.9	60
26	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
27	Melatonin Therapy Prevents Programmed Hypertension and Nitric Oxide Deficiency in Offspring Exposed to Maternal Caloric Restriction. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-21.	4.0	59
28	Maternal melatonin or N-acetylcysteine therapy regulates hydrogen sulfide-generating pathway and renal transcriptome to prevent prenatal NG-Nitro-L-arginine-methyl ester (L-NAME)-induced fetal programming of hypertension in adult male offspring. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 636.e1-636.e72.	1.3	59
29	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.	3.0	59
30	Cost-effectiveness Analysis for Genotyping before Allopurinol Treatment to Prevent Severe Cutaneous Adverse Drug Reactions. <i>Journal of Rheumatology</i> , 2017, 44, 835-843.	2.0	58
31	Melatonin Ameliorates Bile Duct Ligation-Induced Systemic Oxidative Stress and Spatial Memory Deficits in Developing Rats. <i>Pediatric Research</i> , 2009, 65, 176-180.	2.3	57
32	Maternal fructose-intake-induced renal programming in adult male offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 642-650.	4.2	57
33	PPARs Link Early Life Nutritional Insults to Later Programmed Hypertension and Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2016, 17, 20.	4.1	55
34	Melatonin prevents neonatal dexamethasone induced programmed hypertension: Histone deacetylase inhibition. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 253-259.	2.5	54
35	Developmental Programming of Adult Disease: Reprogramming by Melatonin?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 426.	4.1	54
36	Microbiological spectrum of septicemia and peritonitis in nephrotic children. <i>Pediatric Nephrology</i> , 1999, 13, 835-837.	1.7	52

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37	Asymmetric Dimethylarginine: Clinical Applications in Pediatric Medicine. <i>Journal of the Formosan Medical Association</i> , 2011, 110, 70-77.	1.7	52
38	Targeting on Asymmetric Dimethylarginine-Related Nitric Oxide-Reactive Oxygen Species Imbalance to Reprogram the Development of Hypertension. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2020.	4.1	51
39	AMP-Activated Protein Kinase as a Reprogramming Strategy for Hypertension and Kidney Disease of Developmental Origin. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1744.	4.1	51
40	Resveratrol prevents the combined maternal plus postweaning high-fat-diets-induced hypertension in male offspring. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 120-127.	4.2	48
41	Targeting the Renin-Angiotensin-Aldosterone System to Prevent Hypertension and Kidney Disease of Developmental Origins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2298.	4.1	48
42	Transcriptional Regulation of Programmed Hypertension by Melatonin: An Epigenetic Perspective. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18484-18495.	4.1	47
43	Maternal Exposure to Bisphenol A Combined with High-Fat Diet-Induced Programmed Hypertension in Adult Male Rat Offspring: Effects of Resveratrol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4382.	4.1	46
44	Developmental Programming and Reprogramming of Hypertension and Kidney Disease: Impact of Tryptophan Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8705.	4.1	46
45	Transcriptome Analysis in Rat Kidneys: Importance of Genes Involved in Programmed Hypertension. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4744-4758.	4.1	45
46	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.	2.7	45
47	Two different approaches to restore renal nitric oxide and prevent hypertension in young spontaneously hypertensive rats: l-citrulline and nitrate. <i>Translational Research</i> , 2014, 163, 43-52.	5.0	44
48	Renal Transcriptome Analysis of Programmed Hypertension Induced by Maternal Nutritional Insults. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17826-17837.	4.1	43
49	Resveratrol prevents combined prenatal NG-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. <i>Journal of Nutritional Biochemistry</i> , 2019, 70, 28-37.	4.2	43
50	Maternal Citrulline Supplementation Prevents Prenatal NG-Nitro-L-Arginine-Methyl Ester (l-NAME)-Induced Programmed Hypertension in Rats1. <i>Biology of Reproduction</i> , 2015, 92, 7.	2.7	42
51	Splice variants of neuronal nitric oxide synthase are present in the rat kidney. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1422-1428.	0.7	41
52	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.	2.8	41
53	Combined maternal and postnatal high-fat diet leads to metabolic syndrome and is effectively reversed by resveratrol: a multiple-organ study. <i>Scientific Reports</i> , 2018, 8, 5607.	3.3	41
54	Prenatal dexamethasone-induced programmed hypertension and renal programming. <i>Life Sciences</i> , 2015, 132, 41-48.	4.3	40

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55	The interaction between high ammonia diet and bile duct ligation in developing rats: assessment by spatial memory and asymmetric dimethylarginine. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 169-174.	1.6	39
56	Sensory Dysfunction of Bladder Mucosa and Bladder Oversensitivity in a Rat Model of Metabolic Syndrome. <i>PLoS ONE</i> , 2012, 7, e45578.	2.5	39
57	Maternal Garlic Oil Supplementation Prevents High-Fat Diet-Induced Hypertension in Adult Rat Offspring: Implications of H ₂ S-Generating Pathway in the Gut and Kidneys. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001116.	3.3	39
58	Prenatal stress in rat causes long-term spatial memory deficit and hippocampus MRI abnormality: Differential effects of postweaning enriched environment. <i>Neurochemistry International</i> , 2011, 58, 434-441.	3.8	38
59	N-Acetylcysteine Prevents Hypertension via Regulation of the ADMA-DDAH Pathway in Young Spontaneously Hypertensive Rats. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	38
60	Effects of AST-120 on Blood Concentrations of Protein-Bound Uremic Toxins and Biomarkers of Cardiovascular Risk in Chronic Dialysis Patients. <i>Blood Purification</i> , 2014, 37, 76-83.	1.8	38
61	Metformin reduces asymmetric dimethylarginine and prevents hypertension in spontaneously hypertensive rats. <i>Translational Research</i> , 2014, 164, 452-459.	5.0	38
62	Impact of Arginine Nutrition and Metabolism during Pregnancy on Offspring Outcomes. <i>Nutrients</i> , 2019, 11, 1452.	4.1	38
63	The Interplay between Maternal and Post-Weaning High-Fat Diet and Gut Microbiota in the Developmental Programming of Hypertension. <i>Nutrients</i> , 2019, 11, 1982.	4.1	38
64	Bile duct ligation in developing rats: temporal progression of liver, kidney, and brain damage. <i>Journal of Pediatric Surgery</i> , 2010, 45, 1650-1658.	1.6	37
65	Association of Trimethylamine, Trimethylamine N-oxide, and Dimethylamine with Cardiovascular Risk in Children with Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 336.	2.4	37
66	Developmental Origins of Kidney Disease: Why Oxidative Stress Matters?. <i>Antioxidants</i> , 2021, 10, 33.	5.1	37
67	Restoration of Asymmetric Dimethylarginine-Nitric Oxide Balance to Prevent the Development of Hypertension. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11773-11782.	4.1	36
68	High salt exacerbates programmed hypertension in maternal fructose-fed male offspring. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 1146-1151.	2.6	36
69	Aliskiren Administration during Early Postnatal Life Sex-Specifically Alleviates Hypertension Programmed by Maternal High Fructose Consumption. <i>Frontiers in Physiology</i> , 2016, 7, 299.	2.8	36
70	Maternal Resveratrol Therapy Protects Male Rat Offspring against Programmed Hypertension Induced by TCDD and Dexamethasone Exposures: Is It Relevant to Aryl Hydrocarbon Receptor?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2459.	4.1	36
71	Light and Circadian Signaling Pathway in Pregnancy: Programming of Adult Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2232.	4.1	36
72	Maternal Adenine-Induced Chronic Kidney Disease Programs Hypertension in Adult Male Rat Offspring: Implications of Nitric Oxide and Gut Microbiome Derived Metabolites. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7237.	4.1	35

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73	Melatonin prevents increased asymmetric dimethylarginine in young rats with bile duct ligation. <i>Journal of Pineal Research</i> , 2010, 48, 212-221.	7.4	34
74	Targeting arachidonic acid pathway to prevent programmed hypertension in maternal fructose-fed male adult rat offspring. <i>Journal of Nutritional Biochemistry</i> , 2016, 38, 86-92.	4.2	34
75	Gut Microbiota-Dependent Trimethylamine N-Oxide Pathway Associated with Cardiovascular Risk in Children with Early-Stage Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3699.	4.1	34
76	The combined ratios of L-arginine and asymmetric and symmetric dimethylarginine as biomarkers in spontaneously hypertensive rats. <i>Translational Research</i> , 2012, 159, 90-98.	5.0	33
77	Aliskiren in early postnatal life prevents hypertension and reduces asymmetric dimethylarginine in offspring exposed to maternal caloric restriction. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 506-513.	1.7	33
78	Developmental Programming of the Metabolic Syndrome: Can We Reprogram with Resveratrol?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2584.	4.1	33
79	Maternal High Fructose Intake Increases the Vulnerability to Post-Weaning High-Fat Diet-Induced Programmed Hypertension in Male Offspring. <i>Nutrients</i> , 2018, 10, 56.	4.1	33
80	Translational insights on developmental origins of metabolic syndrome: Focus on fructose consumption. <i>Biomedical Journal</i> , 2018, 41, 96-101.	3.1	33
81	Cardiovascular Diseases of Developmental Origins: Preventive Aspects of Gut Microbiota-Targeted Therapy. <i>Nutrients</i> , 2021, 13, 2290.	4.1	33
82	Homocysteine and Arginine-to-Asymmetric Dimethylarginine Ratio Associated With Blood Pressure Abnormalities in Children With Early Chronic Kidney Disease. <i>Circulation Journal</i> , 2015, 79, 2031-2037.	1.6	31
83	Early Supplementation of L-Cysteine or D-Cysteine Prevents Hypertension and Kidney Damage in Spontaneously Hypertensive Rats Exposed to High Salt Intake. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700596.	3.3	31
84	Maternal Melatonin Therapy Attenuates Methyl-Donor Diet-Induced Programmed Hypertension in Male Adult Rat Offspring. <i>Nutrients</i> , 2018, 10, 1407.	4.1	31
85	The Association between Nitric Oxide Pathway, Blood Pressure Abnormalities, and Cardiovascular Risk Profile in Pediatric Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5301.	4.1	31
86	Perinatal Resveratrol Therapy Prevents Hypertension Programmed by Maternal Chronic Kidney Disease in Adult Male Offspring: Implications of the Gut Microbiome and Their Metabolites. <i>Biomedicines</i> , 2020, 8, 567.	3.2	31
87	Animal Models for DOHaD Research: Focus on Hypertension of Developmental Origins. <i>Biomedicines</i> , 2021, 9, 623.	3.2	31
88	Machine Learning Model for Risk Prediction of Community-Acquired Acute Kidney Injury Hospitalization From Electronic Health Records: Development and Validation Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e16903.	4.3	31
89	Prenatal dexamethasone exposure in rats results in long-term epigenetic histone modifications and tumour necrosis factor- α production decrease. <i>Immunology</i> , 2014, 143, 651-660.	4.4	30
90	Early short-term treatment with exogenous hydrogen sulfide postpones the transition from prehypertension to hypertension in spontaneously hypertensive rat. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 58-64.	1.3	30

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91	Altered Gut Microbiota and Its Metabolites in Hypertension of Developmental Origins: Exploring Differences between Fructose and Antibiotics Exposure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2674.	4.1	30
92	Maternal Fructose Intake Affects Transcriptome Changes and Programmed Hypertension in Offspring in Later Life. <i>Nutrients</i> , 2016, 8, 757.	4.1	29
93	Environmental stimulation rescues maternal high fructose intake-impaired learning and memory in female offspring: Its correlation with redistribution of histone deacetylase 4. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 105-117.	1.9	29
94	The Double-Edged Sword Effects of Maternal Nutrition in the Developmental Programming of Hypertension. <i>Nutrients</i> , 2018, 10, 1917.	4.1	29
95	Hydrogen Sulfide in Hypertension and Kidney Disease of Developmental Origins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1438.	4.1	29
96	Maternal N-Acetylcysteine Therapy Prevents Hypertension in Spontaneously Hypertensive Rat Offspring: Implications of Hydrogen Sulfide-Generating Pathway and Gut Microbiota. <i>Antioxidants</i> , 2020, 9, 856.	5.1	29
97	Early-Life Origins of Metabolic Syndrome: Mechanisms and Preventive Aspects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11872.	4.1	29
98	Melatonin in the Regulation of Liver Steatosis following Prenatal Glucocorticoid Exposure. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	28
99	Maternal melatonin or agomelatine therapy prevents programmed hypertension in male offspring of mother exposed to continuous light. <i>Biology of Reproduction</i> , 2017, 97, 636-643.	2.7	28
100	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. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3957.	4.1	28
101	Implications of serum TNF- β and IL-13 in the treatment response of childhood nephrotic syndrome. <i>Cytokine</i> , 2003, 21, 155-159.	3.2	27
102	Effects of Melatonin on Prenatal Dexamethasone-Induced Epigenetic Alterations in Hippocampal Morphology and Reelin and Glutamic Acid Decarboxylase 67 Levels. <i>Developmental Neuroscience</i> , 2015, 37, 105-114.	2.0	27
103	N-Acetylcysteine Prevents Programmed Hypertension in Male Rat Offspring Born to Suramin-Treated Mothers. <i>Biology of Reproduction</i> , 2016, 95, 8-8.	2.7	27
104	Blood Pressure Abnormalities Associated with Gut Microbiota-Derived Short Chain Fatty Acids in Children with Congenital Anomalies of the Kidney and Urinary Tract. <i>Journal of Clinical Medicine</i> , 2019, 8, 1090.	2.4	27
105	Perinatal Use of Melatonin for Offspring Health: Focus on Cardiovascular and Neurological Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5681.	4.1	27
106	Early Origins of Hypertension: Should Prevention Start Before Birth Using Natural Antioxidants?. <i>Antioxidants</i> , 2020, 9, 1034.	5.1	27
107	Maternal resveratrol therapy protected adult rat offspring against hypertension programmed by combined exposures to asymmetric dimethylarginine and trimethylamine-N-oxide. <i>Journal of Nutritional Biochemistry</i> , 2021, 93, 108630.	4.2	27
108	Adverse Impact of Environmental Chemicals on Developmental Origins of Kidney Disease and Hypertension. <i>Frontiers in Endocrinology</i> , 2021, 12, 745716.	3.5	27

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109	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. <i>Oncotarget</i> , 2017, 8, 111998-112013.	1.8	26
110	Thalamic stroke secondary to straight sinus thrombosis in a nephrotic child. <i>Pediatric Nephrology</i> , 2002, 17, 184-186.	1.7	25
111	Glyceraldehyde-3-phosphate dehydrogenase is a reliable internal control in Western blot analysis of leukocyte subpopulations from children. <i>Analytical Biochemistry</i> , 2011, 413, 24-29.	2.4	25
112	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.	4.2	25
113	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.	3.8	24
114	Synthesis of Short-Chain-Fatty-Acid Resveratrol Esters and Their Antioxidant Properties. <i>Antioxidants</i> , 2021, 10, 420.	5.1	24
115	Oxidative Stress-Induced Hypertension of Developmental Origins: Preventive Aspects of Antioxidant Therapy. <i>Antioxidants</i> , 2022, 11, 511.	5.1	24
116	Aliskiren prevents hypertension and reduces asymmetric dimethylarginine in young spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2011, 670, 561-565.	3.5	23
117	Fish Omega-3 Fatty Acids Induce Liver Fibrosis in the Treatment of Bile Duct-Ligated Rats. <i>Digestive Diseases and Sciences</i> , 2013, 58, 440-447.	2.3	23
118	Increased Circulatory Asymmetric Dimethylarginine and Multiple Organ Failure: Bile Duct Ligation in Rat as a Model. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3989-4006.	4.1	23
119	Postnatal dexamethasone-induced programmed hypertension is related to the regulation of melatonin and its receptors. <i>Steroids</i> , 2016, 108, 1-6.	1.8	23
120	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.	3.0	23
121	Early Postweaning Treatment with Dimethyl Fumarate Prevents Prenatal Dexamethasone- and Postnatal High-Fat Diet-Induced Programmed Hypertension in Male Rat Offspring. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	23
122	Preventing Developmental Origins of Cardiovascular Disease: Hydrogen Sulfide as a Potential Target?. <i>Antioxidants</i> , 2021, 10, 247.	5.1	23
123	Anomalous AMPK-regulated angiotensin AT1R expression and SIRT1-mediated mitochondrial biogenesis at RVLM in hypertension programming of offspring to maternal high fructose exposure. <i>Journal of Biomedical Science</i> , 2020, 27, 68.	7.0	23
124	Chronic Kidney Disease and Gut Microbiota: What Is Their Connection in Early Life?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3954.	4.1	23
125	Urinary arginine methylation index associated with ambulatory blood pressure abnormalities in children with chronic kidney disease. <i>Journal of the American Society of Hypertension</i> , 2012, 6, 385-392.	2.3	22
126	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. <i>Journal of Ethnopharmacology</i> , 2016, 184, 1-9.	4.1	22

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127	Synthesis and Characterization of Novel Resveratrol Butyrate Esters That Have the Ability to Prevent Fat Accumulation in a Liver Cell Culture Model. <i>Molecules</i> , 2020, 25, 4199.	3.8	22
128	Resveratrol Butyrate Esters Inhibit BPA-Induced Liver Damage in Male Offspring Rats by Modulating Antioxidant Capacity and Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5273.	4.1	22
129	High Citrulline-to-Arginine Ratio Associated With Blood Pressure Abnormalities in Children With Early Chronic Kidney Disease. <i>Circulation Journal</i> , 2013, 77, 181-187.	1.6	21
130	Renoprotective Effects of Melatonin in Young Spontaneously Hypertensive Rats with L-NAME. <i>Pediatrics and Neonatology</i> , 2014, 55, 189-195.	0.9	21
131	Melatonin Alleviates Liver Apoptosis in Bile Duct Ligation Young Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1365.	4.1	21
132	Prenatal Metformin Therapy Attenuates Hypertension of Developmental Origin in Male Adult Offspring Exposed to Maternal High-Fructose and Post-Weaning High-Fat Diets. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1066.	4.1	21
133	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.	4.1	21
134	DOCA/NaCl-induced chronic kidney disease: a comparison of renal nitric oxide production in resistant and susceptible rat strains. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F192-F196.	2.7	20
135	Apocynin attenuates oxidative stress and hypertension in young spontaneously hypertensive rats independent of ADMA/NO pathway. <i>Free Radical Research</i> , 2012, 46, 68-76.	3.3	20
136	Melatonin regulates L-arginine transport and NADPH oxidase in young rats with bile duct ligation: role of protein kinase C. <i>Pediatric Research</i> , 2013, 73, 395-401.	2.3	20
137	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.	4.1	20
138	Maternal high-fat diet sex-specifically alters placental morphology and transcriptome in rats: Assessment by next-generation sequencing. <i>Placenta</i> , 2019, 78, 44-53.	1.5	20
139	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5488.	4.1	20
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