

Julie Y H Chan

List of Publications by Year in descending order

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124
papers

3,699
citations

109137

35
h-index

149479

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125
all docs

125
docs citations

125
times ranked

3576
citing authors

#	ARTICLE	IF	CITATIONS
1	NADPH Oxidase-Derived Superoxide Anion Mediates Angiotensin II-Induced Pressor Effect via Activation of p38 Mitogen-Activated Protein Kinase in the Rostral Ventrolateral Medulla. <i>Circulation Research</i> , 2005, 97, 772-780.	2.0	191
2	Neuroinflammation and oxidative stress in rostral ventrolateral medulla contribute to neurogenic hypertension induced by systemic inflammation. <i>Journal of Neuroinflammation</i> , 2012, 9, 212.	3.1	147
3	Reduction in molecular synthesis or enzyme activity of superoxide dismutases and catalase contributes to oxidative stress and neurogenic hypertension in spontaneously hypertensive rats. <i>Free Radical Biology and Medicine</i> , 2006, 40, 2028-2039.	1.3	138
4	Peripheral inflammation increases seizure susceptibility via the induction of neuroinflammation and oxidative stress in the hippocampus. <i>Journal of Biomedical Science</i> , 2015, 22, 46.	2.6	123
5	Oxidative Impairment of Mitochondrial Electron Transport Chain Complexes in Rostral Ventrolateral Medulla Contributes to Neurogenic Hypertension. <i>Hypertension</i> , 2009, 53, 217-227.	1.3	120
6	Differential cardiovascular responses to blockade of nNOS or iNOS in rostral ventrolateral medulla of the rat. <i>British Journal of Pharmacology</i> , 2001, 133, 606-614.	2.7	109
7	Heat Shock Protein 70 Confers Cardiovascular Protection During Endotoxemia via Inhibition of Nuclear Factor- κ B Activation and Inducible Nitric Oxide Synthase Expression in the Rostral Ventrolateral Medulla. <i>Circulation</i> , 2004, 110, 3560-3566.	1.6	100
8	Redox signaling in pathophysiology of hypertension. <i>Journal of Biomedical Science</i> , 2013, 20, 69.	2.6	97
9	Transcriptional Upregulation of Mitochondrial Uncoupling Protein 2 Protects Against Oxidative Stress-Associated Neurogenic Hypertension. <i>Circulation Research</i> , 2009, 105, 886-896.	2.0	86
10	Potential of Baroreceptor Reflex Response by Heat Shock Protein 70 in Nucleus Tractus Solitarius Confers Cardiovascular Protection During Heatstroke. <i>Circulation</i> , 2001, 103, 2114-2119.	1.6	85
11	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.	3.4	80
12	Transcriptional Upregulation of Brain-Derived Neurotrophic Factor in Rostral Ventrolateral Medulla by Angiotensin II. <i>Circulation Research</i> , 2010, 107, 1127-1139.	2.0	78
13	Brain Stem NOS and ROS in Neural Mechanisms of Hypertension. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 146-163.	2.5	76
14	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.	1.5	67
15	Hypertension Programmed by Perinatal High-Fat Diet: Effect of Maternal Gut Microbiota-Targeted Therapy. <i>Nutrients</i> , 2019, 11, 2908.	1.7	66
16	Oral Intake of Rosiglitazone Promotes a Central Antihypertensive Effect Via Upregulation of Peroxisome Proliferator-Activated Receptor- γ and Alleviation of Oxidative Stress in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2010, 55, 1444-1453.	1.3	65
17	Cocaine Withdrawal Impairs Metabotropic Glutamate Receptor-Dependent Long-Term Depression in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2011, 31, 4194-4203.	1.7	64
18	Upregulation of AT1 receptor gene on activation of protein kinase C β /nicotinamide adenine dinucleotide diphosphate oxidase/ERK1/2/c-fos signaling cascade mediates long-term pressor effect of angiotensin II in rostral ventrolateral medulla. <i>Journal of Hypertension</i> , 2007, 25, 1845-1861.	0.3	61

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19	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.	0.7	59
20	Maternal fructose-intake-induced renal programming in adult male offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 642-650.	1.9	57
21	Impaired Nrf2 regulation of mitochondrial biogenesis in rostral ventrolateral medulla on hypertension induced by systemic inflammation. <i>Free Radical Biology and Medicine</i> , 2016, 97, 58-74.	1.3	57
22	Angiotensin-Generated Reactive Oxygen Species in Brain and Pathogenesis of Cardiovascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1074-1084.	2.5	55
23	PPARs Link Early Life Nutritional Insults to Later Programmed Hypertension and Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2016, 17, 20.	1.8	55
24	Resveratrol Stimulates Mitochondrial Bioenergetics to Protect Retinal Pigment Epithelial Cells From Oxidative Damage. , 2013, 54, 6426.		53
25	Redox-Sensitive Endoplasmic Reticulum Stress and Autophagy at Rostral Ventrolateral Medulla Contribute to Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2013, 61, 1270-1280.	1.3	52
26	Dysfunction of the mitochondrial respiratory chain in the rostral ventrolateral medulla during experimental endotoxemia in the rat. <i>Journal of Biomedical Science</i> , 2002, 9, 542-548.	2.6	50
27	Transcriptional Regulation of Programmed Hypertension by Melatonin: An Epigenetic Perspective. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18484-18495.	1.8	47
28	Redox-Sensitive Oxidation and Phosphorylation of PTEN Contribute to Enhanced Activation of PI3K/Akt Signaling in Rostral Ventrolateral Medulla and Neurogenic Hypertension in Spontaneously Hypertensive Rats. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 36-50.	2.5	46
29	Transcriptome Analysis in Rat Kidneys: Importance of Genes Involved in Programmed Hypertension. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4744-4758.	1.8	45
30	Impairment of the mitochondrial respiratory enzyme activity triggers sequential activation of apoptosis-inducing factor-dependent and caspase-dependent signaling pathways to induce apoptosis after spinal cord injury. <i>Journal of Neurochemistry</i> , 2007, 101, 1552-1566.	2.1	43
31	Renal Transcriptome Analysis of Programmed Hypertension Induced by Maternal Nutritional Insults. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17826-17837.	1.8	43
32	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.	1.2	42
33	DIFFERENTIAL ROLES OF iNOS AND nNOS AT ROSTRAL VENTROLATERAL MEDULLA DURING EXPERIMENTAL ENDOTOXEMIA IN THE RAT. <i>Shock</i> , 2001, 15, 65-72.	1.0	41
34	Role of Nitric Oxide Synthase Uncoupling at Rostral Ventrolateral Medulla in Redox-Sensitive Hypertension Associated With Metabolic Syndrome. <i>Hypertension</i> , 2014, 64, 815-824.	1.3	41
35	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.	1.7	38
36	High salt exacerbates programmed hypertension in maternal fructose-fed male offspring. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 1146-1151.	1.1	36

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37	Aliskiren Administration during Early Postnatal Life Sex-Specifically Alleviates Hypertension Programmed by Maternal High Fructose Consumption. <i>Frontiers in Physiology</i> , 2016, 7, 299.	1.3	36
38	HYPOXIA-INDUCIBLE FACTOR 1/HEME OXYGENASE 1 CASCADE AS UPSTREAM SIGNALS IN THE PROLIFE ROLE OF HEAT SHOCK PROTEIN 70 AT ROSTRAL VENTROLATERAL MEDULLA DURING EXPERIMENTAL BRAIN STEM DEATH. <i>Shock</i> , 2009, 32, 651-658.	1.0	34
39	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.	1.9	34
40	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.	1.7	33
41	Maternal Melatonin Therapy Attenuates Methyl-Donor Diet-Induced Programmed Hypertension in Male Adult Rat Offspring. <i>Nutrients</i> , 2018, 10, 1407.	1.7	31
42	Engagement of inducible nitric oxide synthase at the rostral ventrolateral medulla during mevinphos intoxication in the rat. <i>Journal of Biomedical Science</i> , 2001, 8, 475-483.	2.6	30
43	Protein Kinase C-Dependent Mitochondrial Translocation of Proapoptotic Protein Bax on Activation of Inducible Nitric-Oxide Synthase in Rostral Ventrolateral Medulla Mediates Cardiovascular Depression during Experimental Endotoxemia. <i>Molecular Pharmacology</i> , 2007, 71, 1129-1139.	1.0	30
44	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.	1.8	30
45	Maternal Fructose Intake Affects Transcriptome Changes and Programmed Hypertension in Offspring in Later Life. <i>Nutrients</i> , 2016, 8, 757.	1.7	29
46	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.	1.0	29
47	Transcriptional up-regulation of nitric oxide synthase II by nuclear factor- κ B at rostral ventrolateral medulla in a rat mevinphos intoxication model of brain stem death. <i>Journal of Physiology</i> , 2007, 581, 1293-1307.	1.3	28
48	Visualizing oxidative stress-induced depression of cardiac vagal baroreflex by MRI/DTI in a mouse neurogenic hypertension model. <i>NeuroImage</i> , 2013, 82, 190-199.	2.1	28
49	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.	1.2	28
50	miR-195 reduces age-related blood-brain barrier leakage caused by thrombospondin-1-mediated selective autophagy. <i>Aging Cell</i> , 2020, 19, e13236.	3.0	28
51	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.	1.9	27
52	Nitric Oxide and Superoxide Anion Differentially Activate Poly(ADP-ribose) Polymerase-1 and Bax to Induce Nuclear Translocation of Apoptosis-Inducing Factor and Mitochondrial Release of Cytochrome <i>c</i> after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 965-977.	1.7	26
53	Sumoylation of Hypoxia-Inducible Factor-1 α Ameliorates Failure of Brain Stem Cardiovascular Regulation in Experimental Brain Death. <i>PLoS ONE</i> , 2011, 6, e17375.	1.1	24
54	Association between heavy metal levels and acute ischemic stroke. <i>Journal of Biomedical Science</i> , 2018, 25, 49.	2.6	23

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55	Brain-Derived Neurotrophic Factor Ameliorates Brain Stem Cardiovascular Dysregulation during Experimental Temporal Lobe Status Epilepticus. <i>PLoS ONE</i> , 2012, 7, e33527.	1.1	23
56	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.	2.6	23
57	An increase in adenosine-5 TM -triphosphate (ATP) content in rostral ventrolateral medulla is engaged in the high fructose diet-induced hypertension. <i>Journal of Biomedical Science</i> , 2014, 21, 8.	2.6	21
58	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.	1.8	21
59	Altered Temporal Profile of Heat Shock Factor 1 Phosphorylation and Heat Shock Protein 70 Expression Induced by Heat Shock in Nucleus Tractus Solitarii of Spontaneously Hypertensive Rats. <i>Circulation</i> , 2003, 107, 339-345.	1.6	20
60	NADPH oxidase- and mitochondrion-derived superoxide at rostral ventrolateral medulla in endotoxin-induced cardiovascular depression. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1610-1623.	1.3	20
61	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.	1.8	20
62	Differential protection against oxidative stress and nitric oxide overproduction in cardiovascular and pulmonary systems by propofol during endotoxemia. <i>Journal of Biomedical Science</i> , 2009, 16, 8.	2.6	19
63	Differential effects of bevacizumab, ranibizumab and aflibercept on cell viability, phagocytosis and mitochondrial bioenergetics of retinal pigment epithelial cell. <i>Acta Ophthalmologica</i> , 2015, 93, e631-43.	0.6	18
64	Hyperbaric Oxygen Therapy Alleviates Carbon Monoxide Poisoning-Induced Delayed Memory Impairment by Preserving Brain-Derived Neurotrophic Factor-Dependent Hippocampal Neurogenesis. <i>Critical Care Medicine</i> , 2016, 44, e25-e39.	0.4	18
65	Nitrosative Stress-Induced Disruption of Baroreflex Neural Circuits in a Rat Model of Hepatic Encephalopathy: A DTI Study. <i>Scientific Reports</i> , 2017, 7, 40111.	1.6	18
66	Biochemical basis for pharmacological intervention as a reprogramming strategy against hypertension and kidney disease of developmental origin. <i>Biochemical Pharmacology</i> , 2018, 153, 82-90.	2.0	18
67	Differential impacts of brain stem oxidative stress and nitrosative stress on sympathetic vasomotor tone. , 2019, 201, 120-136.		17
68	Effects of PPAR α Agonist Pioglitazone on Redox-Sensitive Cellular Signaling in Young Spontaneously Hypertensive Rats. <i>PPAR Research</i> , 2013, 2013, 1-11.	1.1	16
69	Maternal Melatonin Therapy Attenuated Maternal High-Fructose Combined with Post-Weaning High-Salt Diets-Induced Hypertension in Adult Male Rat Offspring. <i>Molecules</i> , 2018, 23, 886.	1.7	16
70	Mitochondrial Respiratory Enzyme Complexes in Rostral Ventrolateral Medulla as Cellular Targets of Nitric Oxide and Superoxide Interaction in the Antagonism of Antihypertensive Action of eNOS Transgene. <i>Molecular Pharmacology</i> , 2008, 74, 1319-1332.	1.0	15
71	Mitochondria and Reactive Oxygen Species Contribute to Neurogenic Hypertension. <i>Physiology</i> , 2017, 32, 308-321.	1.6	15
72	Brain Stem Death as the Vital Determinant for Resumption of Spontaneous Circulation after Cardiac Arrest in Rats. <i>PLoS ONE</i> , 2009, 4, e7744.	1.1	15

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73	Activation of PI3K/Akt signaling in rostral ventrolateral medulla impairs brain stem cardiovascular regulation that underpins circulatory depression during mevinphos intoxication. <i>Biochemical Pharmacology</i> , 2014, 88, 75-85.	2.0	14
74	Modulation of catecholamine release by endogenous adenosine in the rat adrenal medulla. <i>Journal of Biomedical Science</i> , 2001, 8, 389-394.	2.6	13
75	Involvement of noradrenergic innervation from locus coeruleus to hippocampal formation in negative feedback regulation of penile erection in the rat. <i>Hippocampus</i> , 2001, 11, 783-792.	0.9	13
76	MRI/DTI of the Brain Stem Reveals Reversible and Irreversible Disruption of the Baroreflex Neural Circuits: Clinical Implications. <i>Theranostics</i> , 2016, 6, 837-848.	4.6	13
77	Baroreflex functionality in the eye of diffusion tensor imaging. <i>Journal of Physiology</i> , 2019, 597, 41-55.	1.3	13
78	Upregulation of FLJ10540, a PI3K-association protein, in rostral ventrolateral medulla impairs brain stem cardiovascular regulation during mevinphos intoxication. <i>Biochemical Pharmacology</i> , 2015, 93, 34-41.	2.0	12
79	Tadalafil ameliorates bladder overactivity by restoring insulin-activated detrusor relaxation via the bladder mucosal IRS/PI3K/AKT/eNOS pathway in fructose-fed rats. <i>Scientific Reports</i> , 2021, 11, 8202.	1.6	12
80	Pioglitazone reversed the fructose-programmed astrocytic glycolysis and oxidative phosphorylation of female rat offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E622-E634.	1.8	11
81	The Impact of Gut Microbiome on Maternal Fructose Intake-Induced Developmental Programming of Adult Disease. <i>Nutrients</i> , 2022, 14, 1031.	1.7	11
82	Baroreceptor Sensitivity Predicts Functional Outcome and Complications after Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2019, 8, 300.	1.0	10
83	Maternal Fructose Exposure Programs Metabolic Syndrome-Associated Bladder Overactivity in Young Adult Offspring. <i>Scientific Reports</i> , 2016, 6, 34669.	1.6	9
84	Sympathetic Activation of Splenic T-Lymphocytes in Hypertension of Adult Offspring Programmed by Maternal High Fructose Exposure. <i>Chinese Journal of Physiology</i> , 2020, 63, 263-275.	0.4	8
85	Maternal Acetate Supplementation Reverses Blood Pressure Increase in Male Offspring Induced by Exposure to Minocycline during Pregnancy and Lactation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7924.	1.8	8
86	Engagement of ubiquitination and de-ubiquitination at rostral ventrolateral medulla in experimental brain death. <i>Journal of Biomedical Science</i> , 2012, 19, 48.	2.6	7
87	Endogenous vascular endothelial growth factor produces tonic facilitation of cardiac vagal baroreflex via fetal liver kinase-1 in medulla oblongata. <i>International Journal of Cardiology</i> , 2015, 187, 421-425.	0.8	7
88	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. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3919.	1.2	7
89	Developmental programming of the metabolic syndrome: Next-generation sequencing analysis of transcriptome expression in a rat model of maternal high fructose intake. <i>Acta Physiologica Sinica</i> , 2016, 68, 557-567.	0.5	7
90	Tonic suppression of spontaneous baroreceptor reflex by endogenous angiotensins via AT2 subtype receptors at nucleus reticularis ventrolateralis in the rat. <i>Synapse</i> , 2001, 40, 85-94.	0.6	6

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91	Prenatal Exposure to Di-Ethyl Phthalate (DEP) Is Related to Increasing Neonatal IgE Levels and the Altering of the Immune Polarization of Helper-T Cells. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6364.	1.2	6
92	A Double-Edged Sword Role for Ubiquitin-Proteasome System in Brain Stem Cardiovascular Regulation During Experimental Brain Death. <i>PLoS ONE</i> , 2011, 6, e27404.	1.1	5
93	VEGF tonically sustains myocardial performance via fetal liver kinase-1 in the heart. <i>International Journal of Cardiology</i> , 2014, 177, 727-730.	0.8	4
94	(Pro)renin Receptor as a Therapeutic Target for the Treatment of Hypertension?. <i>Hypertension</i> , 2015, 65, 278-279.	1.3	4
95	The Impact of Maternal Fructose Exposure on Angiogenic Activity of Endothelial Progenitor Cells and Blood Flow Recovery After Critical Limb Ischemia in Rat Offspring. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2429.	1.8	4
96	Engagement of inducible nitric oxide synthase at the rostral ventrolateral medulla during mevinphos intoxication in the rat. , 2001, 8, 475.		4
97	Influence of Propofol on Blood Pressure Spectrum in Sepsis and the Role of Inducible Nitric Oxide Synthase. <i>Acta Anaesthesiologica Taiwanica</i> , 2009, 47, 62-70.	1.0	3
98	Physiological and pathophysiological evaluation of baroreflex functionality with concurrent diffusion tensor imaging of its neural circuit in the rat. <i>Biomedical Journal</i> , 2019, 42, 381-393.	1.4	3
99	Disproportional cardiovascular depressive effects of isoflurane: Serendipitous findings from a comprehensive re-visit in mice. <i>Lab Animal</i> , 2021, 50, 26-31.	0.2	3
100	Return Physiology to Center Stage: Some Personal Thoughts. <i>Physiology</i> , 2018, 33, 6-6.	1.6	2
101	Maternal Fructose Intake Exacerbates Cardiac Remodeling in Offspring with Ventricular Pressure Overload. <i>Nutrients</i> , 2021, 13, 3267.	1.7	2
102	IUPS Physiology Education Workshop series in India: organizational mechanics, outcomes, and lessons. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 709-721.	0.8	2
103	Brokerage of Global Physiology. <i>Physiology</i> , 2020, 35, 80-80.	1.6	1
104	Modulation of catecholamine release by endogenous adenosine in the rat adrenal medulla. , 2001, 8, 389.		1
105	Modulation of ROS/NO Balance, Antioxidant Response and Cell Signaling in Young Prehypertensive Rats. <i>Free Radical Biology and Medicine</i> , 2013, 65, S71.	1.3	0
106	Brain mitochondrial biogenesis and bioenergetics in autonomic regulation of blood pressure: Significance in metabolic syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 192, 46.	1.4	0
107	FO047A COMMON PATHWAY OF PROGRAMMED HYPERTENSION: ARACHIDONIC ACID METABOLISM. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii22-iii22.	0.4	0
108	FP073HIGH SALT EXACERBATES PROGRAMMED HYPERTENSION IN MATERNAL FRUCTOSE-FED MALE OFFSPRING. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii90-iii90.	0.4	0

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109	Maternal fructose exposure programs metabolic syndrome-associated bladder overactivity in young adult offspring. <i>Urological Science</i> , 2016, 27, S75.	0.2	0
110	Phosphodiesterase 2 as a Therapeutic Target for Heart Failure. <i>Circulation Research</i> , 2017, 120, 13-16.	2.0	0
111	A Wake-Up Call from Nobel Prize in Physiology or Medicine. <i>Physiology</i> , 2019, 34, 2-2.	1.6	0
112	Road to the 39th IUPS Congress Amid COVID-19 Pandemic: Every Cloud Has a Silver Lining. <i>Physiology</i> , 2021, 36, 332-333.	1.6	0
113	Superoxide anion and nitric oxide dependent mitochondrial dysfunction in neuronal apoptosis after spinal cord injury. <i>FASEB Journal</i> , 2007, 21, A805.	0.2	0
114	Reduction in superoxide dismutases and catalase contributes to oxidative stress and neurogenic hypertension in spontaneously hypertensive rats. <i>FASEB Journal</i> , 2007, 21, A891.	0.2	0
115	Oral intake of rosiglitazone promotes central antihypertensive effect via upregulation of mitochondrial uncoupling protein and alleviation of oxidative stress in rostral ventrolateral medulla of spontaneously hypertensive rats. <i>FASEB Journal</i> , 2010, 24, 1018.7.	0.2	0
116	Endoplasmic reticulum stress associated oxidative stress and autophagy in the RVLM in neurogenic hypertension. <i>FASEB Journal</i> , 2012, 26, 1057.30.	0.2	0
117	Autophagy in RLVM mediates ER stress associated neurogenic hypertension in SHR. <i>FASEB Journal</i> , 2013, 27, 1108.1.	0.2	0
118	NOS uncoupling and redox dependent baroreflex inhibition in neural mechanism of metabolic syndrome associated hypertension. <i>FASEB Journal</i> , 2013, 27, 932.8.	0.2	0
119	Developmental Origins of Metabolic Syndrome: Should We Focus on Oxidative Stress?. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY63-1.	0.0	0
120	Mitochondrial oxidative stress in developmental programming of metabolic syndrome. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY63-3.	0.0	0
121	The role of microRNA 195 in age dependent impairment of cognitive function. <i>FASEB Journal</i> , 2018, 32, 739.1.	0.2	0
122	Effect of Maternal High Fructose and Offspring High Fat Intake on Programmed Hypertension in Young Adult: the Role of Nutrient Sensing Signaling in the Brain. <i>FASEB Journal</i> , 2019, 33, 721.1.	0.2	0
123	Anomalous AMPK Regulated Angiotensin AT ₁ R Expression and SIRT1 Mediated Mitochondrial Biogenesis at RVLM in Hypertension Programming of Offspring to Maternal High Fructose Exposure. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
124	Milrinone effects on cardiac mitochondria, hemodynamics, and death in catecholamine-infused rats. <i>Pediatric Research</i> , 2022, , .	1.1	0