

# 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

56  
g-index

125  
all docs

125  
docs citations

125  
times ranked

3576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Milrinone effects on cardiac mitochondria, hemodynamics, and death in catecholamine-infused rats. <i>Pediatric Research</i> , 2022, , .	1.1	0
2	The Impact of Gut Microbiome on Maternal Fructose Intake-Induced Developmental Programming of Adult Disease. <i>Nutrients</i> , 2022, 14, 1031.	1.7	11
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Maternal Fructose Intake Exacerbates Cardiac Remodeling in Offspring with Ventricular Pressure Overload. <i>Nutrients</i> , 2021, 13, 3267.	1.7	2
11	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
12	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
13	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
14	Brokerage of Global Physiology. <i>Physiology</i> , 2020, 35, 80-80.	1.6	1
15	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
16	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
17	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
18	Anomalous AMPK-Regulated Angiotensin AT <sub>1</sub> 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

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19	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
20	Differential impacts of brain stem oxidative stress and nitrosative stress on sympathetic vasomotor tone. , 2019, 201, 120-136.		17
21	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
22	Baroreceptor Sensitivity Predicts Functional Outcome and Complications after Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2019, 8, 300.	1.0	10
23	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
24	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
25	Hypertension Programmed by Perinatal High-Fat Diet: Effect of Maternal Gut Microbiota-Targeted Therapy. <i>Nutrients</i> , 2019, 11, 2908.	1.7	66
26	A Wake-Up Call from Nobel Prize in Physiology or Medicine. <i>Physiology</i> , 2019, 34, 2-2.	1.6	0
27	Baroreflex functionality in the eye of diffusion tensor imaging. <i>Journal of Physiology</i> , 2019, 597, 41-55.	1.3	13
28	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
29	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
30	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
31	Maternal Melatonin Therapy Attenuates Methyl-Donor Diet-Induced Programmed Hypertension in Male Adult Rat Offspring. <i>Nutrients</i> , 2018, 10, 1407.	1.7	31
32	Return Physiology to Center Stage: Some Personal Thoughts. <i>Physiology</i> , 2018, 33, 6-6.	1.6	2
33	Association between heavy metal levels and acute ischemic stroke. <i>Journal of Biomedical Science</i> , 2018, 25, 49.	2.6	23
34	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
35	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
36	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

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37	Developmental Origins of Metabolic Syndrome: Should We Focus on Oxidative Stress?. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY63-1.	0.0	0
38	Mitochondrial oxidative stress in developmental programming of metabolic syndrome. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY63-3.	0.0	0
39	The role of microRNA-195 in age-dependent impairment of cognitive function. FASEB Journal, 2018, 32, 739.1.	0.2	0
40	Phosphodiesterase 2 as a Therapeutic Target for Heart Failure. Circulation Research, 2017, 120, 13-16.	2.0	0
41	Nitrosative Stress-Induced Disruption of Baroreflex Neural Circuits in a Rat Model of Hepatic Encephalopathy: A DTI Study. Scientific Reports, 2017, 7, 40111.	1.6	18
42	Mitochondria and Reactive Oxygen Species Contribute to Neurogenic Hypertension. Physiology, 2017, 32, 308-321.	1.6	15
43	Maternal melatonin or agomelatine therapy prevents programmed hypertension in male offspring of mother exposed to continuous light. Biology of Reproduction, 2017, 97, 636-643.	1.2	28
44	PPARs Link Early Life Nutritional Insults to Later Programmed Hypertension and Metabolic Syndrome. International Journal of Molecular Sciences, 2016, 17, 20.	1.8	55
45	Maternal Fructose Intake Affects Transcriptome Changes and Programmed Hypertension in Offspring in Later Life. Nutrients, 2016, 8, 757.	1.7	29
46	Aliskiren Administration during Early Postnatal Life Sex-Specifically Alleviates Hypertension Programmed by Maternal High Fructose Consumption. Frontiers in Physiology, 2016, 7, 299.	1.3	36
47	MRI/DTI of the Brain Stem Reveals Reversible and Irreversible Disruption of the Baroreflex Neural Circuits: Clinical Implications. Theranostics, 2016, 6, 837-848.	4.6	13
48	Hyperbaric Oxygen Therapy Alleviates Carbon Monoxide Poisoning-Induced Delayed Memory Impairment by Preserving Brain-Derived Neurotrophic Factor-Dependent Hippocampal Neurogenesis. Critical Care Medicine, 2016, 44, e25-e39.	0.4	18
49	Impaired Nrf2 regulation of mitochondrial biogenesis in rostral ventrolateral medulla on hypertension induced by systemic inflammation. Free Radical Biology and Medicine, 2016, 97, 58-74.	1.3	57
50	Maternal fructose exposure programs metabolic syndrome-associated bladder overactivity in young adult offspring. Urological Science, 2016, 27, S75.	0.2	0
51	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. American Journal of Obstetrics and Gynecology, 2016, 215, 636.e1-636.e72.	0.7	59
52	Targeting arachidonic acid pathway to prevent programmed hypertension in maternal fructose-fed male adult rat offspring. Journal of Nutritional Biochemistry, 2016, 38, 86-92.	1.9	34
53	Maternal Fructose Exposure Programs Metabolic Syndrome-Associated Bladder Overactivity in Young Adult Offspring. Scientific Reports, 2016, 6, 34669.	1.6	9
54	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, 105-117.	1.0	29

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55	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
56	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
57	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
58	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
59	FO047A COMMON PATHWAY OF PROGRAMMED HYPERTENSION: ARACHIDONIC ACID METABOLISM. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii22-iii22.	0.4	0
60	Maternal fructose-intake-induced renal programming in adult male offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 642-650.	1.9	57
61	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
62	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
63	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
64	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
65	FP073HIGH SALT EXACERBATES PROGRAMMED HYPERTENSION IN MATERNAL FRUCTOSE-FED MALE OFFSPRING. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii90-iii90.	0.4	0
66	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
67	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
68	(Pro)renin Receptor as a Therapeutic Target for the Treatment of Hypertension?. <i>Hypertension</i> , 2015, 65, 278-279.	1.3	4
69	Transcriptional Regulation of Programmed Hypertension by Melatonin: An Epigenetic Perspective. <i>International Journal of Molecular Sciences</i> , 2014, 15, 18484-18495.	1.8	47
70	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
71	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
72	An increase in adenosine-5 <sup>TM</sup> -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

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73	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
74	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
75	Brain Stem NOS and ROS in Neural Mechanisms of Hypertension. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 146-163.	2.5	76
76	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
77	Redox signaling in pathophysiology of hypertension. <i>Journal of Biomedical Science</i> , 2013, 20, 69.	2.6	97
78	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
79	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
80	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
81	Effects of PPAR $\alpha$ Agonist Pioglitazone on Redox-Sensitive Cellular Signaling in Young Spontaneously Hypertensive Rats. <i>PPAR Research</i> , 2013, 2013, 1-11.	1.1	16
82	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
83	Resveratrol Stimulates Mitochondrial Bioenergetics to Protect Retinal Pigment Epithelial Cells From Oxidative Damage. , 2013, 54, 6426.		53
84	Autophagy in RLVM mediates ER stress-associated neurogenic hypertension in SHR. <i>FASEB Journal</i> , 2013, 27, 1108.1.	0.2	0
85	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
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	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
88	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
89	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
90	Sumoylation of Hypoxia-Inducible Factor-1 $\alpha$ Ameliorates Failure of Brain Stem Cardiovascular Regulation in Experimental Brain Death. <i>PLoS ONE</i> , 2011, 6, e17375.	1.1	24

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91	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
92	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
93	Oral Intake of Rosiglitazone Promotes a Central Antihypertensive Effect Via Upregulation of Peroxisome Proliferator-Activated Receptor- $\beta$ and Alleviation of Oxidative Stress in Rostral Ventrolateral Medulla of Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2010, 55, 1444-1453.	1.3	65
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	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
105	Upregulation of AT1 receptor gene on activation of protein kinase C $\beta$ /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
106	Transcriptional up-regulation of nitric oxide synthase II by nuclear factor- $\kappa$ 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
107	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
108	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

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109	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
110	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
111	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
112	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
113	Heat Shock Protein 70 Confers Cardiovascular Protection During Endotoxemia via Inhibition of Nuclear Factor- $\kappa$ B Activation and Inducible Nitric Oxide Synthase Expression in the Rostral Ventrolateral Medulla. <i>Circulation</i> , 2004, 110, 3560-3566.	1.6	100
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	Potential of Baroreceptor Reflex Response by Heat Shock Protein 70 in Nucleus Tractus Solitarii Confers Cardiovascular Protection During Heatstroke. <i>Circulation</i> , 2001, 103, 2114-2119.	1.6	85
123	Engagement of inducible nitric oxide synthase at the rostral ventrolateral medulla during mevinphos intoxication in the rat. , 2001, 8, 475.		4
124	Modulation of catecholamine release by endogenous adenosine in the rat adrenal medulla. , 2001, 8, 389.		1