

Jasenka Zubcevic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

2,159
citations

21
h-index

46
g-index

62
ext. papers

2,711
ext. citations

5.6
avg, IF

4.71
L-index

#	Paper	IF	Citations
54	Gut dysbiosis is linked to hypertension. <i>Hypertension</i> , 2015 , 65, 1331-40	8.5	716
53	Hypertension-Linked Pathophysiological Alterations in the Gut. <i>Circulation Research</i> , 2017 , 120, 312-323	15.7	247
52	Autonomic-immune-vascular interaction: an emerging concept for neurogenic hypertension. <i>Hypertension</i> , 2011 , 57, 1026-33	8.5	144
51	Structure-based discovery of a novel angiotensin-converting enzyme 2 inhibitor. <i>Hypertension</i> , 2004 , 44, 903-6	8.5	142
50	Involvement of bone marrow cells and neuroinflammation in hypertension. <i>Circulation Research</i> , 2015 , 117, 178-91	15.7	116
49	Altered inflammatory response is associated with an impaired autonomic input to the bone marrow in the spontaneously hypertensive rat. <i>Hypertension</i> , 2014 , 63, 542-50	8.5	70
48	Brain-mediated dysregulation of the bone marrow activity in angiotensin II-induced hypertension. <i>Hypertension</i> , 2012 , 60, 1316-23	8.5	51
47	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. <i>Circulation Research</i> , 2019 , 125, 104-116	15.7	47
46	Impaired butyrate absorption in the proximal colon, low serum butyrate and diminished central effects of butyrate on blood pressure in spontaneously hypertensive rats. <i>Acta Physiologica</i> , 2019 , 226, e13256	5.6	41
45	Neuroimmune communication in hypertension and obesity: a new therapeutic angle?. <i>Pharmacology & Therapeutics</i> , 2013 , 138, 428-40	13.9	39
44	Sustained Captopril-Induced Reduction in Blood Pressure Is Associated With Alterations in Gut-Brain Axis in the Spontaneously Hypertensive Rat. <i>Journal of the American Heart Association</i> , 2019 , 8, e010721	6	37
43	Cloning and characterization of a secreted form of angiotensin-converting enzyme 2. <i>Regulatory Peptides</i> , 2004 , 122, 61-7		37
42	A Single Angiotensin II Hypertensive Stimulus Is Associated with Prolonged Neuronal and Immune System Activation in Wistar-Kyoto Rats. <i>Frontiers in Physiology</i> , 2017 , 8, 592	4.6	33
41	Gut-Brain Axis in Regulation of Blood Pressure. <i>Frontiers in Physiology</i> , 2017 , 8, 845	4.6	33
40	Functional neural-bone marrow pathways: implications in hypertension and cardiovascular disease. <i>Hypertension</i> , 2014 , 63, e129-39	8.5	32
39	Nucleus of the solitary tract (pro)renin receptor-mediated antihypertensive effect involves nuclear factor- κ B-cytokine signaling in the spontaneously hypertensive rat. <i>Hypertension</i> , 2013 , 61, 622-7	8.5	31
38	Chronic knockdown of the nucleus of the solitary tract AT1 receptors increases blood inflammatory-endothelial progenitor cell ratio and exacerbates hypertension in the spontaneously hypertensive rat. <i>Hypertension</i> , 2013 , 61, 1328-33	8.5	29

37	Role of GABAergic neurones in the nucleus tractus solitarii in modulation of cardiovascular activity. <i>Experimental Physiology</i> , 2010 , 95, 909-18	2.4	28
36	Involvement of Neuroinflammation in the Pathogenesis of Monocrotaline-Induced Pulmonary Hypertension. <i>Hypertension</i> , 2018 , 71, 1156-1163	8.5	27
35	Shift to an involvement of phosphatidylinositol 3-kinase in angiotensin II actions on nucleus tractus solitarii neurons of the spontaneously hypertensive rat. <i>Circulation Research</i> , 2009 , 105, 1248-55	15.7	26
34	Dysfunctional brain-bone marrow communication: a paradigm shift in the pathophysiology of hypertension. <i>Current Hypertension Reports</i> , 2013 , 15, 377-89	4.7	21
33	Elevated bone marrow sympathetic drive precedes systemic inflammation in angiotensin II hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H279-H289	5.2	20
32	Increased Abundance of Lactobacillales in the Colon of Beta-Adrenergic Receptor Knock Out Mouse Is Associated With Increased Gut Bacterial Production of Short Chain Fatty Acids and Reduced IL17 Expression in Circulating CD4 Immune Cells. <i>Frontiers in Physiology</i> , 2018 , 9, 1593	4.6	20
31	Butyrate regulates inflammatory cytokine expression without affecting oxidative respiration in primary astrocytes from spontaneously hypertensive rats. <i>Physiological Reports</i> , 2018 , 6, e13732	2.6	19
30	Shifts in the Gut Microbiota Composition Due to Depleted Bone Marrow Beta Adrenergic Signaling Are Associated with Suppressed Inflammatory Transcriptional Networks in the Mouse Colon. <i>Frontiers in Physiology</i> , 2017 , 8, 220	4.6	18
29	Chronic blockade of phosphatidylinositol 3-kinase in the nucleus tractus solitarii is prohypertensive in the spontaneously hypertensive rat. <i>Hypertension</i> , 2009 , 53, 97-103	8.5	17
28	Loss of bone marrow adrenergic beta 1 and 2 receptors modifies transcriptional networks, reduces circulating inflammatory factors, and regulates blood pressure. <i>Physiological Genomics</i> , 2016 , 48, 526-36	3.6	16
27	Ghrelin Signaling Affects Feeding Behavior, Metabolism, and Memory through the Vagus Nerve. <i>Current Biology</i> , 2020 , 30, 4510-4518.e6	6.3	15
26	Gut microbiota and neuroinflammation in pathogenesis of hypertension: A potential role for hydrogen sulfide. <i>Pharmacological Research</i> , 2020 , 153, 104677	10.2	15
25	Gastrointestinal dysbiosis following diethylhexyl phthalate exposure in zebrafish (<i>Danio rerio</i>): Altered microbial diversity, functionality, and network connectivity. <i>Environmental Pollution</i> , 2020 , 265, 114496	9.3	13
24	Pulmonary arterial hypertension-associated changes in gut pathology and microbiota. <i>ERJ Open Research</i> , 2020 , 6,	3.5	11
23	Transcriptional networks in rodent models support a role for gut-brain communication in neurogenic hypertension: a review of the evidence. <i>Physiological Genomics</i> , 2017 , 49, 327-338	3.6	8
22	Cocaine differentially affects synaptic activity in memory and midbrain areas of female and male rats: an in vivo MEMRI study. <i>Brain Imaging and Behavior</i> , 2018 , 12, 201-216	4.1	7
21	Comparison of Isoflurane, Ketamine-Dexmedetomidine, and Ketamine-Xylazine for General Anesthesia during Oral Procedures in Rice Rats (). <i>Journal of the American Association for Laboratory Animal Science</i> , 2019 , 58, 40-49	1.3	6
20	MEMRI reveals altered activity in brain regions associated with anxiety, locomotion, and cardiovascular reactivity on the elevated plus maze in the WKY vs SHR rats. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1318-1331	4.1	6

19	The importance of bone marrow and the immune system in driving increases in blood pressure and sympathetic nerve activity in hypertension. <i>Experimental Physiology</i> , 2020 , 105, 1815-1826	2.4	5
18	Identification of a Gut Commensal That Compromises the Blood Pressure-Lowering Effect of Ester Angiotensin-Converting Enzyme Inhibitors.. <i>Hypertension</i> , 2022 , 101161HYPERTEENSIONAHA12118711	8.5	4
17	Attenuated Amiloride-Sensitive Current and Augmented Calcium-Activated Chloride Current in Marsh Rice Rat (<i>Oryzomys palustris</i>) Airways. <i>IScience</i> , 2019 , 19, 737-748	6.1	3
16	Genetic ablation of bone marrow beta-adrenergic receptors in mice modulates miRNA-transcriptome networks of neuroinflammation in the paraventricular nucleus. <i>Physiological Genomics</i> , 2020 , 52, 169-177	3.6	3
15	Nicotine exposure during pregnancy alters the maternal gut microbiome and both cecal and plasma short chain fatty acids in Sprague Dawley rats.. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	2
14	Central Administration of Hydrogen Sulfide Donor NaHS Reduces Iba1-Positive Cells in the PVN and Attenuates Rodent Angiotensin II Hypertension. <i>Frontiers in Neuroscience</i> , 2021 , 15, 690919	5.1	2
13	Abstract 606: Reconstitution Of Bone Marrow With WKY Cells Lowers Central/Peripheral Inflammation And Blood Pressure In The SHR. <i>Hypertension</i> , 2013 , 62,	8.5	1
12	Chronic inhibition of phosphoinositide-3-kinase (PI3K) in the nucleus of the solitary tract (NTS) of hypertensive rats increases blood pressure. <i>FASEB Journal</i> , 2007 , 21, A899	0.9	1
11	Tumor Necrosis Factor Alpha and the Gastrointestinal Epithelium: Implications for the Gut-Brain Axis and Hypertension. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1	4.6	0
10	Reduced responsiveness of bone marrow hematopoietic cells to sympathetic activation is protective against high fat diet-induced obesity and gut dysbiosis. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
9	Role of phosphoinositide-3-kinase (PI3K) in the nucleus of the solitary tract (NTS) in the modulation of baroreceptor reflex function in the hypertensive rat. <i>FASEB Journal</i> , 2008 , 22, 737.34	0.9	
8	Central Administration of Hydrogen Sulfide Alleviates Rodent Angiotensin II Hypertension. <i>FASEB Journal</i> , 2019 , 33, 835.18	0.9	
7	Sub-diaphragmatic vagal nerve stimulation alleviates rodent hypertension associated with gut dysbiosis and reduced serotonergic vagal afferent signaling. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
6	Genetic ablation of bone marrow beta-adrenergic receptors alters miRNA-transcriptome networks for microglia activation and inflammation in the paraventricular nucleus of the hypothalamus. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
5	Optimizing the Microfil Dye Perfusion Technique will Allow for Rat Cerebral Vascular Network Analysis through uCT Image Quantification. <i>FASEB Journal</i> , 2015 , 29, 647.1	0.9	
4	Dysfunctional bone marrow-derived endothelial progenitor cells in chronic Ang II infusion rat model of hypertension. <i>FASEB Journal</i> , 2012 , 26, 878.7	0.9	
3	In vivo MEMRI reveals persistent activation of the brain autonomic areas by an acute systemic angiotensin II injection. <i>FASEB Journal</i> , 2012 , 26, lb801	0.9	
2	NTS (pro)renin receptor (PRR)-mediated antihypertensive effect involves NF-KappaB-cytokine signaling in the spontaneously hypertensive rats (SHR). <i>FASEB Journal</i> , 2012 , 26, 684.26	0.9	

- 1 Increased Expression of Prorenin Receptor (PRR) in the NTS of Spontaneously Hypertensive Rats (SHR) May Be A Compensatory Mechanism of Hypertension. *FASEB Journal*, **2013**, 27, 903.8 0.9