

# Junie Paula Warrington

## 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.

40 papers	1,160 citations	18 h-index	34 g-index
47 ext. papers	1,359 ext. citations	4 avg, IF	4.26 L-index

#	Paper	IF	Citations
40	Pathophysiology of hypertension in pre-eclampsia: a lesson in integrative physiology. <i>Acta Physiologica</i> , <b>2013</b> , 208, 224-33	5.6	130
39	Disruption of Nrf2 signaling impairs angiogenic capacity of endothelial cells: implications for microvascular aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2012</b> , 67, 821-9	6.4	104
38	Aging exacerbates obesity-induced cerebrovascular rarefaction, neurovascular uncoupling, and cognitive decline in mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1339-52	6.4	101
37	Concurrent hippocampal induction of MHC II pathway components and glial activation with advanced aging is not correlated with cognitive impairment. <i>Journal of Neuroinflammation</i> , <b>2011</b> , 8, 138	10.1	94
36	Recent advances in the understanding of the pathophysiology of preeclampsia. <i>Hypertension</i> , <b>2013</b> , 62, 666-73	8.5	91
35	Long-term deficiency of circulating and hippocampal insulin-like growth factor I induces depressive behavior in adult mice: a potential model of geriatric depression. <i>Neuroscience</i> , <b>2011</b> , 185, 50-60	3.9	74
34	Whole brain radiation-induced vascular cognitive impairment: mechanisms and implications. <i>Journal of Vascular Research</i> , <b>2013</b> , 50, 445-57	1.9	58
33	Placental ischemia in pregnant rats impairs cerebral blood flow autoregulation and increases blood-brain barrier permeability. <i>Physiological Reports</i> , <b>2014</b> , 2, e12134	2.6	55
32	Irradiation alters MMP-2/TIMP-2 system and collagen type IV degradation in brain. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 1559-66	4	53
31	Whole brain radiation-induced impairments in learning and memory are time-sensitive and reversible by systemic hypoxia. <i>PLoS ONE</i> , <b>2012</b> , 7, e30444	3.7	45
30	Reduced uterine perfusion pressure induces hypertension in the pregnant mouse. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 307, R1353-7	3.2	43
29	Neuroglial expression of the MHCI pathway and PirB receptor is upregulated in the hippocampus with advanced aging. <i>Journal of Molecular Neuroscience</i> , <b>2012</b> , 48, 111-26	3.3	39
28	Cerebral microvascular rarefaction induced by whole brain radiation is reversible by systemic hypoxia in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H736-44	5.2	39
27	Placental ischemia-induced increases in brain water content and cerebrovascular permeability: role of TNF- $\alpha$ . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R1425-31	3.2	30
26	The Endothelin Type A Receptor as a Potential Therapeutic Target in Preeclampsia. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	29
25	Basal and hypercapnia-altered cerebrovascular perfusion predict mild cognitive impairment in aging rodents. <i>Neuroscience</i> , <b>2009</b> , 164, 918-28	3.9	25
24	Postpartum increases in cerebral edema and inflammation in response to placental ischemia during pregnancy. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 70, 376-389	16.6	22

23	Cerebral Blood Flow Regulation in Pregnancy, Hypertension, and Hypertensive Disorders of Pregnancy. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	20
22	Systemic influences contribute to prolonged microvascular rarefaction after brain irradiation: a role for endothelial progenitor cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 307, H858-68	5.2	18
21	Amyloid- $\beta$ peptides activate $\beta_1$ -adrenergic cardiovascular receptors. <i>Hypertension</i> , <b>2013</b> , 62, 966-72	8.5	17
20	Placental ischemia increases seizure susceptibility and cerebrospinal fluid cytokines. <i>Physiological Reports</i> , <b>2015</b> , 3, e12634	2.6	12
19	Magnesium Sulfate Prevents Placental Ischemia-Induced Increases in Brain Water Content and Cerebrospinal Fluid Cytokines in Pregnant Rats. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 561	5.1	12
18	Endothelin-1-induced focal cerebral ischemia in the growth hormone/IGF-1 deficient Lewis Dwarf rat. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 1353-62	6.4	11
17	The angiotensin II type I receptor contributes to impaired cerebral blood flow autoregulation caused by placental ischemia in pregnant rats. <i>Biology of Sex Differences</i> , <b>2019</b> , 10, 58	9.3	10
16	The heme oxygenases: important regulators of pregnancy and preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 307, R769-77	3.2	9
15	Heme oxygenase-1 promotes migration and Epithelial Na <sup>+</sup> channel expression in cytotrophoblasts and ischemic placentas. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R641-6	3.2	9
14	Perinatal Micro-Bleeds and Neuroinflammation in E19 Rat Fetuses Exposed to Utero-Placental Ischemia. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
13	Endothelial cell disruption drives increased blood-brain barrier permeability and cerebral edema in the Dahl SS/jr rat model of superimposed preeclampsia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H535-H548	5.2	2
12	The rat model of placental ischemia as a model of postpartum posterior cortical atrophy?. <i>Neural Regeneration Research</i> , <b>2018</b> , 13, 2094-2095	4.5	1
11	Interleukin-17 Impairs Cerebrovascular Function, Increases Blood-Brain-Barrier Permeability, and Induces Cerebral Edema in Pregnant Rats. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
10	Chronic Hypertension Increases Pial Perivascular Microglia in Female Dahl-S Rats. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
9	Optimizing Ex Vivo Model of Traumatic Brain Injury to Test Biomolecules of Therapeutic Interest. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
8	Impact of Reduced ASIC2 and Pregnancy on Seizure Susceptibility in Mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
7	Impact of Reduced ASIC2a on Cortical Thickness, Microglia Density, and Brain Water Content in E18.5 Fetuses. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
6	Placental Ischemia leads to Postpartum Cerebral Inflammation and Edema in Rats. <i>FASEB Journal</i> , <b>2018</b> , 32, 740.12	0.9	

- 5 Postpartum Changes in Microglia Density and Activation in a Rat Model of Superimposed Preeclampsia. *FASEB Journal*, **2019**, 33, 557.2 0.9
- 4 Disruption of Nrf2 signaling impairs angiogenic capacity of endothelial cells: implications for microvascular aging. *FASEB Journal*, **2012**, 26, 682.10 0.9
- 3 Bone marrow cells are necessary for cerebral microvascular recovery following whole brain radiation therapy in mice. *FASEB Journal*, **2012**, 26, 682.6 0.9
- 2 Tumor Necrosis Factor induces cerebral edema and increased cerebrovascular permeability in normal pregnant rats. *FASEB Journal*, **2013**, 27, 907.9 0.9
- 1 Lessons learned on my journey to a career as a minority woman in Neuroscience. *Journal of Neuroscience Research*, **2021**, 99, 24-25 4.4