

Candice M Brown

List of Publications by Year in descending order

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49
papers

3,009
citations

218677

26
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

4500
citing authors

#	ARTICLE	IF	CITATIONS
1	APOE genotype-specific differences in the innate immune response. <i>Neurobiology of Aging</i> , 2009, 30, 1350-1360.	3.1	282
2	Timing of estrogen therapy after ovariectomy dictates the efficacy of its neuroprotective and antiinflammatory actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6013-6018.	7.1	231
3	Neuroprotective effects of estrogens following ischemic stroke. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 201-211.	5.2	186
4	Long-Term Effects on Cognitive Function of Postmenopausal Hormone Therapy Prescribed to Women Aged 50 to 55 Years. <i>JAMA Internal Medicine</i> , 2013, 173, 1429.	5.1	161
5	Estrogens as neuroprotectants: Estrogenic actions in the context of cognitive aging and brain injury. <i>Progress in Neurobiology</i> , 2017, 157, 188-211.	5.7	157
6	Arginine Deprivation and Immune Suppression in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 5969-5982.	3.6	147
7	Mechanisms of Neuroprotection by Estrogen. <i>Endocrine</i> , 2006, 29, 209-216.	2.2	140
8	Production of Proinflammatory Cytokines and Chemokines During Neuroinflammation: Novel Roles for Estrogen Receptors $\text{ER}\alpha$ and $\text{ER}\beta$. <i>Endocrinology</i> , 2010, 151, 4916-4925.	2.8	138
9	Fueling the flame: bioenergy couples metabolism and inflammation. <i>Journal of Leukocyte Biology</i> , 2012, 92, 499-507.	3.3	136
10	Are Estrogens Protective or Risk Factors in Brain Injury and Neurodegeneration? Reevaluation after the Women's Health Initiative. <i>Endocrine Reviews</i> , 2005, 26, 308-312.	20.1	129
11	APOE and the regulation of microglial nitric oxide production: a link between genetic risk and oxidative stress. <i>Neurobiology of Aging</i> , 2002, 23, 777-785.	3.1	125
12	SIRT1 inhibition during the hypoinflammatory phenotype of sepsis enhances immunity and improves outcome. <i>Journal of Leukocyte Biology</i> , 2014, 96, 785-796.	3.3	117
13	Advancing the Study of Stroke in Women. <i>Stroke</i> , 2006, 37, 2387-2399.	2.0	96
14	Apolipoprotein E isoform mediated regulation of nitric oxide release 1,2 1Guest Editors: Mark A. Smith and George Perry 2This article is part of a series of reviews on "Causes and Consequences of Oxidative Stress in Alzheimer's Disease." The full list of papers may be found on the homepage of the journal.. <i>Free Radical Biology and Medicine</i> , 2002, 32, 1071-1075.	2.9	79
15	APOE genotype-specific differences in human and mouse macrophage nitric oxide production. <i>Journal of Neuroimmunology</i> , 2004, 147, 62-67.	2.3	74
16	Targeting the Blood-Brain Barrier to Prevent Sepsis-Associated Cognitive Impairment. <i>Journal of Central Nervous System Disease</i> , 2019, 11, 117957351984065.	1.9	74
17	Estradiol Is a Potent Protective, Restorative, and Trophic Factor after Brain Injury. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 240-249.	1.1	68
18	Sex steroids, APOE genotype and the innate immune system. <i>Neurobiology of Aging</i> , 2005, 26, 363-372.	3.1	63

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19	Alkaline phosphatase: a potential biomarker for stroke and implications for treatment. <i>Metabolic Brain Disease</i> , 2019, 34, 3-19.	2.9	59
20	MitoNEET (CISD1) Knockout Mice Show Signs of Striatal Mitochondrial Dysfunction and a Parkinson's Disease Phenotype. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2759-2765.	3.5	56
21	Apolipoprotein E Allele-Specific Regulation of Nitric Oxide Production. <i>Annals of the New York Academy of Sciences</i> , 2002, 962, 212-225.	3.8	46
22	The APOE4 genotype alters the response of microglia and macrophages to 17 β -estradiol. <i>Neurobiology of Aging</i> , 2008, 29, 1783-1794.	3.1	46
23	Circulating extracellular vesicle content reveals <i>de novo</i> DNA methyltransferase expression as a molecular method to predict septic shock. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1669881.	12.2	43
24	Simultaneous Determination of 6 L-Arginine Metabolites in Human and Mouse Plasma by Using Hydrophilic-Interaction Chromatography and Electrospray Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2011, 57, 701-709.	3.2	41
25	Androgen-Mediated Immune Function Is Altered by the Apolipoprotein E Gene. <i>Endocrinology</i> , 2007, 148, 3383-3390.	2.8	37
26	Estradiol: a hormone with diverse and contradictory neuroprotective actions. <i>Dialogues in Clinical Neuroscience</i> , 2009, 11, 297-303.	3.7	30
27	The cerebral angiome: High resolution MicroCT imaging of the whole brain cerebrovasculature in female and male mice. <i>NeuroImage</i> , 2019, 202, 116109.	4.2	25
28	Daily rhythms of metabolic heat production, body temperature, and locomotor activity in golden hamsters. <i>Journal of Thermal Biology</i> , 1996, 21, 227-230.	2.5	21
29	Merging Electronic Health Record Data and Genomics for Cardiovascular Research. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 193-202.	5.1	20
30	Systemic inhibition of tissue-nonspecific alkaline phosphatase alters the brain-immune axis in experimental sepsis. <i>Scientific Reports</i> , 2019, 9, 18788.	3.3	20
31	Amyloid- β Causes Mitochondrial Dysfunction via a Ca ²⁺ -Driven Upregulation of Oxidative Phosphorylation and Superoxide Production in Cerebrovascular Endothelial Cells. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 119-138.	2.6	20
32	Characterization of NO and Cytokine Production in Immune-Activated Microglia and Peritoneal Macrophages Derived from a Mouse Model Expressing the Human NOS2 Gene on a Mouse NOS2 Knockout Background. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 893-901.	5.4	19
33	Inducible nitric oxide synthase and estradiol exhibit complementary neuroprotective roles after ischemic brain injury. <i>Experimental Neurology</i> , 2008, 210, 782-787.	4.1	18
34	Loss of tissue-nonspecific alkaline phosphatase (TNAP) enzyme activity in cerebral microvessels is coupled to persistent neuroinflammation and behavioral deficits in late sepsis. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 115-131.	4.1	13
35	miR-146a Dysregulates Energy Metabolism During Neuroinflammation. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 228-241.	4.1	11
36	Microvascular degeneration occurs before plaque onset and progresses with age in 3xTg AD mice. <i>Neurobiology of Aging</i> , 2021, 105, 115-128.	3.1	11

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37	Chronic Systemic Immune Dysfunction in African-Americans with Small Vessel-Type Ischemic Stroke. <i>Translational Stroke Research</i> , 2015, 6, 430-436.	4.2	10
38	The Mitochondrial mitoNEET Ligand NL-1 Is Protective in a Murine Model of Transient Cerebral Ischemic Stroke. <i>Pharmaceutical Research</i> , 2021, 38, 803-817.	3.5	9
39	Mild traumatic brain injury increases vulnerability to cerebral ischemia in mice. <i>Experimental Neurology</i> , 2021, 342, 113765.	4.1	9
40	Vascular Cellular Adhesion Molecule-1 (VCAM-1) and Memory Impairment in African-Americans after Small Vessel-Type Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104646.	1.6	8
41	Tissue-Nonspecific Alkaline Phosphatase in Central Nervous System Health and Disease: A Focus on Brain Microvascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5257.	4.1	8
42	A novel role for tissue-nonspecific alkaline phosphatase at the blood-brain barrier during sepsis. <i>Neural Regeneration Research</i> , 2021, 16, 99.	3.0	7
43	Pediatric Traumatic Brain Injury: An Update on Preclinical Models, Clinical Biomarkers, and the Implications of Cerebrovascular Dysfunction. <i>Journal of Central Nervous System Disease</i> , 2022, 14, 117957352210981.	1.9	7
44	O3-06-03: Long-term effects on cognitive function of postmenopausal hormone therapy prescribed to women aged 50-54 years: Results from the Women's Health Initiative Memory Study of Younger Women (WHIMSY). , 2013, 9, P529-P530.		2
45	Disruption of metabolic, sleep, and sensorimotor functional outcomes in a female transgenic mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2021, 398, 112983.	2.2	2
46	Intermittent Lipopolysaccharide Exposure Significantly Increases Cortical Infarct Size and Impairs Autophagy. <i>ASN Neuro</i> , 2021, 13, 175909142199176.	2.7	2
47	Estrogens: Protective or Risk Factors in the Injured Brain?. <i>Research and Perspectives in Endocrine Interactions</i> , 2013, , 165-178.	0.2	0
48	Abstract TP254: Effects of Inducible Nitric Oxide Synthase on Behavior and Functional Outcomes in a Novel "Humanized" Transgenic Mouse Model of Ischemic Stroke. <i>Stroke</i> , 2018, 49, .	2.0	0
49	Abstract TP117: Experimental Stroke Induces Chronic Gut Dysbiosis in Male C57BL/6J Mice. <i>Stroke</i> , 2019, 50, .	2.0	0