

# Candice M Brown

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/404400/publications.pdf>

Version: 2024-02-01

49  
papers

3,009  
citations

218662  
26  
h-index

233409  
45  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4500  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-146a Dysregulates Energy Metabolism During Neuroinflammation. Journal of NeuroImmune Pharmacology, 2022, 17, 228-241.	4.1	11
2	Pediatric Traumatic Brain Injury: An Update on Preclinical Models, Clinical Biomarkers, and the Implications of Cerebrovascular Dysfunction. Journal of Central Nervous System Disease, 2022, 14, 117957352210981.	1.9	7
3	Disruption of metabolic, sleep, and sensorimotor functional outcomes in a female transgenic mouse model of Alzheimer's disease. Behavioural Brain Research, 2021, 398, 112983.	2.2	2
4	Intermittent Lipopolysaccharide Exposure Significantly Increases Cortical Infarct Size and Impairs Autophagy. ASN Neuro, 2021, 13, 175909142199176.	2.7	2
5	A novel role for tissue-nonspecific alkaline phosphatase at the blood-brain barrier during sepsis. Neural Regeneration Research, 2021, 16, 99.	3.0	7
6	The Mitochondrial mitoNEET Ligand NL-1 Is Protective in a Murine Model of Transient Cerebral Ischemic Stroke. Pharmaceutical Research, 2021, 38, 803-817.	3.5	9
7	Tissue-Nonspecific Alkaline Phosphatase in Central Nervous System Health and Disease: A Focus on Brain Microvascular Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 5257.	4.1	8
8	Mild traumatic brain injury increases vulnerability to cerebral ischemia in mice. Experimental Neurology, 2021, 342, 113765.	4.1	9
9	Microvascular degeneration occurs before plaque onset and progresses with age in 3xTg AD mice. Neurobiology of Aging, 2021, 105, 115-128.	3.1	11
10	Loss of tissue-nonspecific alkaline phosphatase (TNAP) enzyme activity in cerebral microvessels is coupled to persistent neuroinflammation and behavioral deficits in late sepsis. Brain, Behavior, and Immunity, 2020, 84, 115-131.	4.1	13
11	Vascular Cellular Adhesion Molecule-1 (VCAM-1) and Memory Impairment in African-Americans after Small Vessel-Type Stroke. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104646.	1.6	8
12	Amyloid- $\beta$ Causes Mitochondrial Dysfunction via a Ca <sup>2+</sup> -Driven Upregulation of Oxidative Phosphorylation and Superoxide Production in Cerebrovascular Endothelial Cells. Journal of Alzheimer's Disease, 2020, 75, 119-138.	2.6	20
13	Circulating extracellular vesicle content reveals <i>de novo</i> DNA methyltransferase expression as a molecular method to predict septic shock. Journal of Extracellular Vesicles, 2019, 8, 1669881.	12.2	43
14	The cerebral angiome: High resolution MicroCT imaging of the whole brain cerebrovasculature in female and male mice. NeuroImage, 2019, 202, 116109.	4.2	25
15	Targeting the Blood-Brain Barrier to Prevent Sepsis-Associated Cognitive Impairment. Journal of Central Nervous System Disease, 2019, 11, 117957351984065.	1.9	74
16	Systemic inhibition of tissue-nonspecific alkaline phosphatase alters the brain-immune axis in experimental sepsis. Scientific Reports, 2019, 9, 18788.	3.3	20
17	Alkaline phosphatase: a potential biomarker for stroke and implications for treatment. Metabolic Brain Disease, 2019, 34, 3-19.	2.9	59
18	Abstract TP117: Experimental Stroke Induces Chronic Gut Dysbiosis in Male C57BL/6J Mice. Stroke, 2019, 50, .	2.0	0

#	ARTICLE	IF	CITATIONS
19	Abstract TP254: Effects of Inducible Nitric Oxide Synthase on Behavior and Functional Outcomes in a Novel “Humanized” Transgenic Mouse Model of Ischemic Stroke. Stroke, 2018, 49, .	2.0	0
20	Estrogens as neuroprotectants: Estrogenic actions in the context of cognitive aging and brain injury. Progress in Neurobiology, 2017, 157, 188-211.	5.7	157
21	MitoNEET (CISD1) Knockout Mice Show Signs of Striatal Mitochondrial Dysfunction and a Parkinson’s Disease Phenotype. ACS Chemical Neuroscience, 2017, 8, 2759-2765.	3.5	56
22	Merging Electronic Health Record Data and Genomics for Cardiovascular Research. Circulation: Cardiovascular Genetics, 2016, 9, 193-202.	5.1	20
23	Chronic Systemic Immune Dysfunction in African-Americans with Small Vessel-Type Ischemic Stroke. Translational Stroke Research, 2015, 6, 430-436.	4.2	10
24	Arginine Deprivation and Immune Suppression in a Mouse Model of Alzheimer’s Disease. Journal of Neuroscience, 2015, 35, 5969-5982.	3.6	147
25	SIRT1 inhibition during the hypoinflammatory phenotype of sepsis enhances immunity and improves outcome. Journal of Leukocyte Biology, 2014, 96, 785-796.	3.3	117
26	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
27	Long-Term Effects on Cognitive Function of Postmenopausal Hormone Therapy Prescribed to Women Aged 50 to 55 Years. JAMA Internal Medicine, 2013, 173, 1429.	5.1	161
28	Estrogens: Protective or Risk Factors in the Injured Brain?. Research and Perspectives in Endocrine Interactions, 2013, , 165-178.	0.2	0
29	Fueling the flame: bioenergy couples metabolism and inflammation. Journal of Leukocyte Biology, 2012, 92, 499-507.	3.3	136
30	Simultaneous Determination of 6 L-Arginine Metabolites in Human and Mouse Plasma by Using Hydrophilic-Interaction Chromatography and Electrospray Tandem Mass Spectrometry. Clinical Chemistry, 2011, 57, 701-709.	3.2	41
31	Production of Proinflammatory Cytokines and Chemokines During Neuroinflammation: Novel Roles for Estrogen Receptors $\text{ER}\alpha$ and $\text{ER}\beta$ . Endocrinology, 2010, 151, 4916-4925.	2.8	138
32	Estradiol Is a Potent Protective, Restorative, and Trophic Factor after Brain Injury. Seminars in Reproductive Medicine, 2009, 27, 240-249.	1.1	68
33	Neuroprotective effects of estrogens following ischemic stroke. Frontiers in Neuroendocrinology, 2009, 30, 201-211.	5.2	186
34	APOE genotype-specific differences in the innate immune response. Neurobiology of Aging, 2009, 30, 1350-1360.	3.1	282
35	Estradiol: a hormone with diverse and contradictory neuroprotective actions. Dialogues in Clinical Neuroscience, 2009, 11, 297-303.	3.7	30
36	The APOE4 genotype alters the response of microglia and macrophages to $17\beta$ -estradiol. Neurobiology of Aging, 2008, 29, 1783-1794.	3.1	46

#	ARTICLE	IF	CITATIONS
37	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
38	Androgen-Mediated Immune Function Is Altered by the Apolipoprotein E Gene. <i>Endocrinology</i> , 2007, 148, 3383-3390.	2.8	37
39	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
40	Mechanisms of Neuroprotection by Estrogen. <i>Endocrine</i> , 2006, 29, 209-216.	2.2	140
41	Advancing the Study of Stroke in Women. <i>Stroke</i> , 2006, 37, 2387-2399.	2.0	96
42	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
43	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
44	Sex steroids, APOE genotype and the innate immune system. <i>Neurobiology of Aging</i> , 2005, 26, 363-372.	3.1	63
45	APOE genotype-specific differences in human and mouse macrophage nitric oxide production. <i>Journal of Neuroimmunology</i> , 2004, 147, 62-67.	2.3	74
46	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
47	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
48	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
49	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