

Cheryl A Hawkes

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,664
citations

566801

15
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

2560
citing authors

#	ARTICLE	IF	CITATIONS
1	Perivascular drainage of solutes is impaired in the ageing mouse brain and in the presence of cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2011, 121, 431-443.	3.9	288
2	Review: Cerebral amyloid angiopathy, prion angiopathy, <sc>CADASIL</sc> and the spectrum of protein elimination failure angiopathies (<sc>PEFA</sc>) in neurodegenerative disease with a focus on therapy. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 593-611.	1.8	177
3	Disruption of Arterial Perivascular Drainage of Amyloid- β from the Brains of Mice Expressing the Human APOE ϵ 4 Allele. <i>PLoS ONE</i> , 2012, 7, e41636.	1.1	138
4	Amyloid- β -dependent compromise of microvascular structure and function in a model of Alzheimer's disease. <i>Brain</i> , 2012, 135, 3039-3050.	3.7	134
5	Failure of Perivascular Drainage of β -amyloid in Cerebral Amyloid Angiopathy. <i>Brain Pathology</i> , 2014, 24, 396-403.	2.1	132
6	A Review of the Impact of Maternal Obesity on the Cognitive Function and Mental Health of the Offspring. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1093.	1.8	119
7	Regional differences in the morphological and functional effects of aging on cerebral basement membranes and perivascular drainage of amyloid- β from the mouse brain. <i>Aging Cell</i> , 2013, 12, 224-236.	3.0	115
8	The Cerebrovascular Basement Membrane: Role in the Clearance of β -amyloid and Cerebral Amyloid Angiopathy. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 251.	1.7	97
9	Afferent and efferent immunological pathways of the brain. <i>Anatomy, Function and Failure. Brain, Behavior, and Immunity</i> , 2014, 36, 9-14.	2.0	84
10	Phosphodiesterase III inhibitor promotes drainage of cerebrovascular β -amyloid. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 519-533.	1.7	82
11	Prenatal high-fat diet alters the cerebrovasculature and clearance of β -amyloid in adult offspring. <i>Journal of Pathology</i> , 2015, 235, 619-631.	2.1	51
12	Hypertension drives parenchymal β -amyloid accumulation in the brain parenchyma. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 124-129.	1.7	37
13	A Simulation Model of Periarterial Clearance of Amyloid- β from the Brain. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 18.	1.7	30
14	Increased β pathology in aged Tg2576 mice born to mothers fed a high fat diet. <i>Scientific Reports</i> , 2016, 6, 21981.	1.6	26
15	Loss of cholinergic innervation differentially affects eNOS-mediated blood flow, drainage of β and cerebral amyloid angiopathy in the cortex and hippocampus of adult mice. <i>Acta Neuropathologica Communications</i> , 2021, 9, 12.	2.4	16
16	3D Reconstruction of the Neurovascular Unit Reveals Differential Loss of Cholinergic Innervation in the Cortex and Hippocampus of the Adult Mouse Brain. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 172.	1.7	15
17	Endothelial-Derived Extracellular Vesicles Induce Cerebrovascular Dysfunction in Inflammation. <i>Pharmaceutics</i> , 2021, 13, 1525.	2.0	15
18	MK886 Reduces Cerebral Amyloid Angiopathy Severity in TgCRND8 Mice. <i>Neurodegenerative Diseases</i> , 2014, 13, 17-23.	0.8	12

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19	Pre- and Post-natal High Fat Feeding Differentially Affects the Structure and Integrity of the Neurovascular Unit of 16-Month Old Male and Female Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 1045.	1.4	12
20	Age-related ultrastructural neurovascular changes in the female mouse cortex and hippocampus. <i>Neurobiology of Aging</i> , 2021, 101, 273-284.	1.5	11
21	Amyloid and tau in the brain in sporadic Alzheimer's disease: defining the chicken and the egg. <i>Acta Neuropathologica</i> , 2014, 127, 617-618.	3.9	10
22	Knockout of apolipoprotein A4 decreases parenchymal and vascular amyloid pathology in the Tg2576 mouse model of Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 698-714.	1.8	10
23	The role of perivascular innervation and neurally mediated vasoreactivity in the pathophysiology of Alzheimer's disease. <i>Clinical Science</i> , 2017, 131, 1207-1214.	1.8	5
24	P281: Beta Amyloid Pathology is Increased in TC2576 Mice Born to Mothers Fed a High Fat Diet. <i>Alzheimer's and Dementia</i> , 2016, 12, P738.	0.4	0