

Cheryl L Wellington

List of Publications by Citations

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Version: 2024-04-27

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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

2,220
citations

25
h-index

47
g-index

60
ext. papers

2,982
ext. citations

8.3
avg, IF

5.16
L-index

#	Paper	IF	Citations
54	Vascular contributions to cognitive impairment and dementia including Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2015 , 11, 710-7	1.2	364
53	Vascular dysfunction-The disregarded partner of Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2019 , 15, 158-167	1.2	265
52	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimers and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 107-117	6	129
51	HDL and cholesterol handling in the brain. <i>Cardiovascular Research</i> , 2014 , 103, 405-13	9.9	116
50	Merging pathology with biomechanics using CHIMERA (Closed-Head Impact Model of Engineered Rotational Acceleration): a novel, surgery-free model of traumatic brain injury. <i>Molecular Neurodegeneration</i> , 2014 , 9, 55	19	102
49	Weathering the COVID-19 storm: Lessons from hematologic cytokine syndromes. <i>Blood Reviews</i> , 2021 , 45, 100707	11.1	92
48	Towards clinical management of traumatic brain injury: a review of models and mechanisms from a biomechanical perspective. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 1325-38	4.1	70
47	The association of ABO blood group with indices of disease severity and multiorgan dysfunction in COVID-19. <i>Blood Advances</i> , 2020 , 4, 4981-4989	7.8	68
46	High-density lipoproteins and cerebrovascular integrity in Alzheimer's disease. <i>Cell Metabolism</i> , 2014 , 19, 574-91	24.6	61
45	Clearance of beta-amyloid is facilitated by apolipoprotein E and circulating high-density lipoproteins in bioengineered human vessels. <i>ELife</i> , 2017 , 6,	8.9	59
44	Cholesterol at the crossroads: Alzheimer's disease and lipid metabolism. <i>Clinical Genetics</i> , 2004 , 66, 1-164		53
43	Intravenously injected human apolipoprotein A-I rapidly enters the central nervous system via the choroid plexus. <i>Journal of the American Heart Association</i> , 2014 , 3, e001156	6	52
42	Reconstituted high-density lipoproteins acutely reduce soluble brain A β levels in symptomatic APP/PS1 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1027-36	6.9	48
41	Defining the biomechanical and biological threshold of murine mild traumatic brain injury using CHIMERA (Closed Head Impact Model of Engineered Rotational Acceleration). <i>Experimental Neurology</i> , 2017 , 292, 80-91	5.7	45
40	Cerebral Microvascular Injury: A Potentially Treatable Endophenotype of Traumatic Brain Injury-Induced Neurodegeneration. <i>Neuron</i> , 2019 , 103, 367-379	13.9	43
39	HDL from an Alzheimer's disease perspective. <i>Current Opinion in Lipidology</i> , 2019 , 30, 224-234	4.4	38
38	Vascular contributions to cognitive impairment and dementia (VCID): A report from the 2018 National Heart, Lung, and Blood Institute and National Institute of Neurological Disorders and Stroke Workshop. <i>Alzheimers and Dementia</i> , 2020 , 16, 1714-1733	1.2	36

37	Primum non nocere: a call for balance when reporting on CTE. <i>Lancet Neurology, The</i> , 2019 , 18, 231-233	24.1	34
36	CHIMERA repetitive mild traumatic brain injury induces chronic behavioural and neuropathological phenotypes in wild-type and APP/PS1 mice. <i>Alzheimers Research and Therapy</i> , 2019 , 11, 6	9	31
35	Chronic Exposure to Androgenic-Anabolic Steroids Exacerbates Axonal Injury and Microgliosis in the CHIMERA Mouse Model of Repetitive Concussion. <i>PLoS ONE</i> , 2016 , 11, e0146540	3.7	28
34	Distinct roles for metalloproteinases during traumatic brain injury. <i>Neurochemistry International</i> , 2016 , 96, 46-55	4.4	27
33	Amelioration of COVID-19-related cytokine storm syndrome: parallels to chimeric antigen receptor-T cell cytokine release syndrome. <i>British Journal of Haematology</i> , 2020 , 190, e150-e154	4.5	26
32	Small molecule inducers of ABCA1 and apoE that act through indirect activation of the LXR pathway. <i>Journal of Lipid Research</i> , 2018 , 59, 830-842	6.3	26
31	High-density lipoproteins suppress A β -induced PBMC adhesion to human endothelial cells in bioengineered vessels and in monoculture. <i>Molecular Neurodegeneration</i> , 2017 , 12, 60	19	25
30	Age at injury and genotype modify acute inflammatory and neurofilament-light responses to mild CHIMERA traumatic brain injury in wild-type and APP/PS1 mice. <i>Experimental Neurology</i> , 2018 , 301, 26-38	5.7	25
29	Assessing the importance of interleukin-6 in COVID-19. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e13	35.1	20
28	ApoA-I deficiency increases cortical amyloid deposition, cerebral amyloid angiopathy, cortical and hippocampal astrogliosis, and amyloid-associated astrocyte reactivity in APP/PS1 mice. <i>Alzheimers Research and Therapy</i> , 2019 , 11, 44	9	19
27	Identification of a Chrysanthemic Ester as an Apolipoprotein E Inducer in Astrocytes. <i>PLoS ONE</i> , 2016 , 11, e0162384	3.7	17
26	The Association of Inflammatory Cytokines in the Pulmonary Pathophysiology of Respiratory Failure in Critically Ill Patients With Coronavirus Disease 2019		16
25	Characterisation of serum total tau following paediatric traumatic brain injury: a case-control study. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, 558-567	14.5	15
24	Relation between plasma and brain lipids. <i>Current Opinion in Lipidology</i> , 2016 , 27, 225-32	4.4	15
23	Increased severity of the CHIMERA model induces acute vascular injury, sub-acute deficits in memory recall, and chronic white matter gliosis. <i>Experimental Neurology</i> , 2020 , 324, 113116	5.7	14
22	Quantification of Neurological Blood-Based Biomarkers in Critically Ill Patients With Coronavirus Disease 2019		13
21	A Rational Structured Epitope Defines a Distinct Subclass of Toxic Amyloid-beta Oligomers. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1591-1606	5.7	13
20	An End-to-end System for Automatic Characterization of Iba1 Immunopositive Microglia in Whole Slide Imaging. <i>Neuroinformatics</i> , 2019 , 17, 373-389	3.2	11

19	The pleiotropic vasoprotective functions of high density lipoproteins (HDL). <i>Journal of Biomedical Research</i> , 2017 ,	1.5	11
18	ApoE secretion modulating bromotyrosine derivative from the Australian marine sponge <i>Callyspongia</i> sp. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3537-40	2.9	10
17	Military-related risk factors for dementia. <i>Alzheimers and Dementia</i> , 2018 , 14, 1651-1662	1.2	10
16	Cerebrovascular amyloid Angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in Apolipoprotein E. <i>Molecular Neurodegeneration</i> , 2020 , 15, 23	19	9
15	Review of Design Considerations for Brain-on-a-Chip Models. <i>Micromachines</i> , 2021 , 12,	3.3	7
14	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. <i>Molecular Brain</i> , 2020 , 13, 66	4.5	5
13	Technique and preliminary findings for in vivo quantification of brain motion during injurious head impacts. <i>Journal of Biomechanics</i> , 2019 , 95, 109279	2.9	5
12	LCAT deficiency does not impair amyloid metabolism in APP/PS1 mice. <i>Journal of Lipid Research</i> , 2014 , 55, 1721-9	6.3	5
11	Solving neurodegeneration: common mechanisms and strategies for new treatments.. <i>Molecular Neurodegeneration</i> , 2022 , 17, 23	19	5
10	Vasoprotective Functions of High-Density Lipoproteins Relevant to Alzheimer's Disease Are Partially Conserved in Apolipoprotein B-Depleted Plasma. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
9	The Canadian Traumatic Brain Injury Research Consortium: Epitomizing Collaborative Research in Canada. <i>Journal of Neurotrauma</i> , 2018 , 35, 1858-1863	5.4	4
8	An in vitro bioengineered model of the human arterial neurovascular unit to study neurodegenerative diseases. <i>Molecular Neurodegeneration</i> , 2020 , 15, 70	19	3
7	Brain Hypoxia Is Associated With Neuroglial Injury in Humans Post-Cardiac Arrest. <i>Circulation Research</i> , 2021 , 129, 583-597	15.7	3
6	Persistently elevated complement alternative pathway biomarkers in COVID-19 correlate with hypoxemia and predict in-hospital mortality.. <i>Medical Microbiology and Immunology</i> , 2022 , 211, 37	4	2
5	An Automated Kinematic Measurement System for Sagittal Plane Murine Head Impacts. <i>Journal of Biomechanical Engineering</i> , 2020 , 142,	2.1	1
4	Serum neurofilament light chain correlates with myelin and axonal magnetic resonance imaging markers in multiple sclerosis.. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 57, 103366	4	0
3	Development of a novel, sensitive translational immunoassay to detect plasma glial fibrillary acidic protein (GFAP) after murine traumatic brain injury. <i>Alzheimers Research and Therapy</i> , 2021 , 13, 58	9	0
2	Red blood cell transfusion in animal models of acute brain injuries: a systematic review protocol. <i>Systematic Reviews</i> , 2021 , 10, 177	3	

- 1 Reduced fixed dose tocilizumab 400 mg IV compared to weight-based dosing in critically ill patients with COVID-19: A before-after cohort study.. *The Lancet Regional Health Americas*, **2022**, 100228