

Melanie D Sweeney

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1921115/melanie-d-sweeney-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

5,893

citations

20

h-index

35

g-index

35

ext. papers

8,042

ext. citations

14.6

avg, IF

6.43

L-index

#	Paper	IF	Citations
28	Blood-brain barrier breakdown in the aging human hippocampus. <i>Neuron</i> , 2015 , 85, 296-302	13.9	1023
27	Blood-brain barrier breakdown in Alzheimer disease and other neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2018 , 14, 133-150	15	991
26	Blood-Brain Barrier: From Physiology to Disease and Back. <i>Physiological Reviews</i> , 2019 , 99, 21-78	47.9	647
25	Blood-brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019 , 25, 270-276	50.5	577
24	Pericytes of the neurovascular unit: key functions and signaling pathways. <i>Nature Neuroscience</i> , 2016 , 19, 771-83	25.5	530
23	APOE4 leads to blood-brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020 , 581, 71-76	50.4	356
22	The role of brain vasculature in neurodegenerative disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1318-1331	25.5	338
21	Neurovascular dysfunction and neurodegeneration in dementia and Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 887-900	6.9	269
20	Vascular dysfunction-The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019 , 15, 158-167	1.2	265
19	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020 , 16, 137-153	15	161
18	Pericyte loss leads to circulatory failure and pleiotrophin depletion causing neuron loss. <i>Nature Neuroscience</i> , 2019 , 22, 1089-1098	25.5	144
17	Brain imaging of neurovascular dysfunction in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016 , 131, 687-707	14.3	124
16	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019 , 15, 961-984	1.2	113
15	Cerebrospinal fluid biomarkers of neurovascular dysfunction in mild dementia and Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1055-68	7.3	74
14	Shedding of soluble platelet-derived growth factor receptor-1 from human brain pericytes. <i>Neuroscience Letters</i> , 2015 , 607, 97-101	3.3	71
13	Structural Basis of Telomerase Inhibition by the Highly Specific BIBR1532. <i>Structure</i> , 2015 , 23, 1934-1942	5.2	50
12	Acute Ablation of Cortical Pericytes Leads to Rapid Neurovascular Uncoupling. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 27	6.1	30

11	In vivo imaging and analysis of cerebrovascular hemodynamic responses and tissue oxygenation in the mouse brain. <i>Nature Protocols</i> , 2018 , 13, 1377-1402	18.8	29
10	Associations between Vascular Function and Tau PET Are Associated with Global Cognition and Amyloid. <i>Journal of Neuroscience</i> , 2020 , 40, 8573-8586	6.6	23
9	A novel sensitive assay for detection of a biomarker of pericyte injury in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2020 , 16, 821-830	1.2	22
8	Undetectable gadolinium brain retention in individuals with an age-dependent blood-brain barrier breakdown in the hippocampus and mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1568-1575 ^{1,2,10}	1.2	22
7	Functional connectivity among brain regions affected in Alzheimer's disease is associated with CSF TNF- α in APOE4 carriers. <i>Neurobiology of Aging</i> , 2020 , 86, 112-122	5.6	9
6	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. <i>International Journal of Stroke</i> , 2019 , 1747493019871915	6.3	8
5	Evidence that blood-CSF barrier transport, but not inflammatory biomarkers, change in migraine, while CSF sVCAM1 associates with migraine frequency and CSF fibrinogen. <i>Headache</i> , 2021 , 61, 536-545 ^{4,2}	4.2	3
4	Prion Protein Antagonists Rescue Alzheimer's Amyloid- β Related Cognitive Deficits. <i>Trends in Molecular Medicine</i> , 2019 , 25, 74-76	11.5	3
3	Early neuroinflammation is associated with lower amyloid and tau levels in cognitively normal older adults. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 299-307	16.6	2
2	Altered Permeability Of The Blood-CSF Barrier In Chronic Migraine. <i>FASEB Journal</i> , 2018 , 32, 922.6-922.60.9		
1	P4-260: NEUROIMAGING CORRELATES OF PSEN1 MUTATION-RELATED SPASTIC PARAPARESIS 2019 , 15, P1380-P1380		