

Melanie D Sweeney

List of Publications by Year in Descending Order

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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.

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	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	3
27	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
26	Acute Ablation of Cortical Pericytes Leads to Rapid Neurovascular Uncoupling. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 27	6.1	30
25	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020 , 16, 137-153	15	161
24	APOE4 leads to blood-brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020 , 581, 71-76	50.4	356
23	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
22	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
21	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
20	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
19	Pericyte loss leads to circulatory failure and pleiotrophin depletion causing neuron loss. <i>Nature Neuroscience</i> , 2019 , 22, 1089-1098	25.5	144
18	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019 , 15, 961-984	1.2	113
17	P4-260: NEUROIMAGING CORRELATES OF PSEN1 MUTATION-RELATED SPASTIC PARAPARESIS 2019 , 15, P1380-P1380		
16	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 ¹⁰	1.2	10
15	Prion Protein Antagonists Rescue Alzheimer's Amyloid-Related Cognitive Deficits. <i>Trends in Molecular Medicine</i> , 2019 , 25, 74-76	11.5	3
14	Vascular dysfunction-The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019 , 15, 158-167	1.2	265
13	Blood-brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019 , 25, 270-276	50.5	577
12	Blood-Brain Barrier: From Physiology to Disease and Back. <i>Physiological Reviews</i> , 2019 , 99, 21-78	47.9	647

11	Blood-brain barrier breakdown in Alzheimer disease and other neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2018 , 14, 133-150	15	991
10	Altered Permeability Of The Blood-CSF Barrier In Chronic Migraine. <i>FASEB Journal</i> , 2018 , 32, 922.6-922.60.9		
9	The role of brain vasculature in neurodegenerative disorders. <i>Nature Neuroscience</i> , 2018 , 21, 1318-1331	25.5	338
8	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
7	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
6	Pericytes of the neurovascular unit: key functions and signaling pathways. <i>Nature Neuroscience</i> , 2016 , 19, 771-83	25.5	530
5	Brain imaging of neurovascular dysfunction in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016 , 131, 687-707	14.3	124
4	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
3	Shedding of soluble platelet-derived growth factor receptor-1 from human brain pericytes. <i>Neuroscience Letters</i> , 2015 , 607, 97-101	3.3	71
2	Structural Basis of Telomerase Inhibition by the Highly Specific BIBR1532. <i>Structure</i> , 2015 , 23, 1934-1942	5.2	50
1	Blood-brain barrier breakdown in the aging human hippocampus. <i>Neuron</i> , 2015 , 85, 296-302	13.9	1023