

Melanie D Sweeney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1921115/publications.pdf>

Version: 2024-02-01

30
papers

9,947
citations

331538

21
h-index

477173

29
g-index

35
all docs

35
docs citations

35
times ranked

11797
citing authors

#	ARTICLE	IF	CITATIONS
1	Bloodâ€“brain barrier breakdown in Alzheimer disease and other neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2018, 14, 133-150.	4.9	1,731
2	Blood-Brain Barrier Breakdown in the Aging Human Hippocampus. <i>Neuron</i> , 2015, 85, 296-302.	3.8	1,436
3	Blood-Brain Barrier: From Physiology to Disease and Back. <i>Physiological Reviews</i> , 2019, 99, 21-78.	13.1	1,232
4	Bloodâ€“brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019, 25, 270-276.	15.2	987
5	Pericytes of the neurovascular unit: key functions and signaling pathways. <i>Nature Neuroscience</i> , 2016, 19, 771-783.	7.1	766
6	APOE4 leads to bloodâ€“brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020, 581, 71-76.	13.7	705
7	The role of brain vasculature in neurodegenerative disorders. <i>Nature Neuroscience</i> , 2018, 21, 1318-1331.	7.1	612
8	Vascular dysfunctionâ€“The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
9	Neurovascular dysfunction and neurodegeneration in dementia and Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 887-900.	1.8	405
10	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020, 16, 137-153.	4.9	405
11	Pericyte loss leads to circulatory failure and pleiotrophin depletion causing neuron loss. <i>Nature Neuroscience</i> , 2019, 22, 1089-1098.	7.1	246
12	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019, 15, 961-984.	0.4	200
13	Brain imaging of neurovascular dysfunction in Alzheimerâ€™s disease. <i>Acta Neuropathologica</i> , 2016, 131, 687-707.	3.9	160
14	Shedding of soluble platelet-derived growth factor receptor- β^2 from human brain pericytes. <i>Neuroscience Letters</i> , 2015, 607, 97-101.	1.0	97
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, 1055-1068.	2.4	92
16	Structural Basis of Telomerase Inhibition by the Highly Specific BIBR1532. <i>Structure</i> , 2015, 23, 1934-1942.	1.6	83
17	Associations between Vascular Function and Tau PET Are Associated with Global Cognition and Amyloid. <i>Journal of Neuroscience</i> , 2020, 40, 8573-8586.	1.7	60
18	Acute Ablation of Cortical Pericytes Leads to Rapid Neurovascular Uncoupling. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 27.	1.8	50

#	ARTICLE	IF	CITATIONS
19	In vivo imaging and analysis of cerebrovascular hemodynamic responses and tissue oxygenation in the mouse brain. <i>Nature Protocols</i> , 2018, 13, 1377-1402.	5.5	45
20	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.	0.4	43
21	A lymphatic waste-disposal system implicated in Alzheimer's disease. <i>Nature</i> , 2018, 560, 172-174.	13.7	23
22	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.	0.4	22
23	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.	1.5	22
24	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.	2.0	19
25	The small HDL particle hypothesis of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2023, 19, 391-404.	0.4	18
26	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, , 174749301987191.	2.9	13
27	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.	1.8	13
28	Prion Protein Antagonists Rescue Alzheimer's Amyloid- β -Related Cognitive Deficits. <i>Trends in Molecular Medicine</i> , 2019, 25, 74-76.	3.5	5
29	P4260: NEUROIMAGING CORRELATES OF <i>PSEN1</i> MUTATION-RELATED SPASTIC PARAPARESIS. <i>Alzheimer's and Dementia</i> , 2019, 15, P1380.	0.4	0
30	Altered Permeability Of The Blood-CSF Barrier In Chronic Migraine. <i>FASEB Journal</i> , 2018, 32, 922.6-922.6.	0.2	0