

Amanda Heslegrave

List of Publications by Citations

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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.

69

papers

1,749

citations

26

h-index

40

g-index

85

ext. papers

2,399

ext. citations

7.3

avg, IF

4.55

L-index

#	Paper	IF	Citations
69	Increased cerebrospinal fluid soluble TREM2 concentration in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2016 , 11, 3	19	168
68	G-quadruplex-binding small molecules ameliorate FTD/ALS pathology and. <i>EMBO Molecular Medicine</i> , 2018 , 10, 22-31	12	119
67	Molecular biomarkers of Alzheimer's disease: progress and prospects. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	109
66	Identification of novel CSF biomarkers for neurodegeneration and their validation by a high-throughput multiplexed targeted proteomic assay. <i>Molecular Neurodegeneration</i> , 2015 , 10, 64	19	87
65	The gene cluster is a key modulator of soluble TREM2 and Alzheimer's disease risk. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	77
64	Evaluation of mutant huntingtin and neurofilament proteins as potential markers in Huntington's disease. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	67
63	Cerebrospinal fluid tau, A β and sTREM2 in Former National Football League Players: Modeling the relationship between repetitive head impacts, microglial activation, and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1159-1170	1.2	64
62	Activation of AMP-activated protein kinase by vascular endothelial growth factor mediates endothelial angiogenesis independently of nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 10638-52	5.4	63
61	Soluble TREM-2 in cerebrospinal fluid from patients with multiple sclerosis treated with natalizumab or mitoxantrone. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1587-1595	5	53
60	Familial Alzheimer's disease patient-derived neurons reveal distinct mutation-specific effects on amyloid beta. <i>Molecular Psychiatry</i> , 2020 , 25, 2919-2931	15.1	51
59	Nitric oxide-dependent damage to neuronal mitochondria involves the NMDA receptor. <i>European Journal of Neuroscience</i> , 2002 , 15, 458-64	3.5	48
58	Longitudinal measurement of serum neurofilament light in presymptomatic familial Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 19	9	47
57	Sense and antisense RNA are not toxic in Drosophila models of C9orf72-associated ALS/FTD. <i>Acta Neuropathologica</i> , 2018 , 135, 445-457	14.3	45
56	Deletion of Lkb1 in pro-opiomelanocortin neurons impairs peripheral glucose homeostasis in mice. <i>Diabetes</i> , 2011 , 60, 735-45	0.9	41
55	Serum neurofilament light levels correlate with severity measures and neurodegeneration markers in autosomal dominant Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 113	9	38
54	Neurofilament light as a blood biomarker for neurodegeneration in Down syndrome. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 39	9	37
53	Stability of blood-based biomarkers of Alzheimer's disease over multiple freeze-thaw cycles. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 448-451	5.2	35

52	In vivo detection of cerebral tau pathology in long-term survivors of traumatic brain injury. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	34
51	Exercise as a potential modulator of inflammation in patients with Alzheimer's disease measured in cerebrospinal fluid and plasma. <i>Experimental Gerontology</i> , 2019 , 121, 91-98	4.5	34
50	A targeted proteomic multiplex CSF assay identifies increased malate dehydrogenase and other neurodegenerative biomarkers in individuals with Alzheimer's disease pathology. <i>Translational Psychiatry</i> , 2016 , 6, e952	8.6	33
49	Cerebrospinal fluid soluble TREM2 levels in frontotemporal dementia differ by genetic and pathological subgroup. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 79	9	31
48	The prognostic value of neurofilament levels in patients with sepsis-associated encephalopathy - A prospective, pilot observational study. <i>PLoS ONE</i> , 2019 , 14, e0211184	3.7	30
47	Combined tissue and fluid proteomics with Tandem Mass Tags to identify low-abundance protein biomarkers of disease in peripheral body fluid: An Alzheimer's Disease case study. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 153-159	2.2	30
46	Plasma tau is increased in frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 804-807	5.5	28
45	Plasma neurofilament light chain concentration is increased and correlates with the severity of neuropathy in hereditary transthyretin amyloidosis. <i>Journal of the Peripheral Nervous System</i> , 2019 , 24, 314-319	4.7	28
44	CSF concentrations of soluble TREM2 as a marker of microglial activation in HIV-1 infection. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019 , 6, e512	9.1	27
43	Blood Biomarkers for Alzheimer's Disease: Much Promise, Cautious Progress. <i>Molecular Diagnosis and Therapy</i> , 2017 , 21, 13-22	4.5	26
42	Mutant huntingtin and neurofilament light have distinct longitudinal dynamics in Huntington's disease. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	24
41	Increased serum neurofilament light chain concentration indicates poor outcome in Guillain-Barré syndrome. <i>Journal of Neuroinflammation</i> , 2020 , 17, 86	10.1	23
40	Population-based blood screening for preclinical Alzheimer's disease in a British birth cohort at age 70. <i>Brain</i> , 2021 , 144, 434-449	11.2	21
39	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 1189-1201	4.3	19
38	Congenital hyperinsulinism due to mutations in HNF4A and HADH. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010 , 11, 185-91	10.5	19
37	PDXK mutations cause polyneuropathy responsive to pyridoxal 5'-phosphate supplementation. <i>Annals of Neurology</i> , 2019 , 86, 225-240	9.4	18
36	Cerebrospinal fluid neurogranin and TREM2 in Huntington's disease. <i>Scientific Reports</i> , 2018 , 8, 4260	4.9	17
35	Amyloid β peptides are differentially vulnerable to preanalytical surface exposure, an effect incompletely mitigated by the use of ratios. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 311-321	5.2	15

34	Transitioning from cerebrospinal fluid to blood tests to facilitate diagnosis and disease monitoring in Alzheimer's disease. <i>Journal of Internal Medicine</i> , 2021 , 290, 583-601	10.8	15
33	Plasma levels of soluble TREM2 and neurofilament light chain in TREM2 rare variant carriers. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 94	9	15
32	Gene replacement therapy after neuropathy onset provides therapeutic benefit in a model of CMT1X. <i>Human Molecular Genetics</i> , 2019 , 28, 3528-3542	5.6	14
31	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019 , 24, 102077	5.3	13
30	Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. <i>Science Translational Medicine</i> , 2021 , 13, eabg9922	17.5	9
29	A multi-center study of neurofilament assay reliability and inter-laboratory variability. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2020 , 21, 452-458	3.6	8
28	Breaking the cycle: Reversal of flux in the tricarboxylic acid cycle by dimethyl fumarate. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6, e562	9.1	7
27	Cerebrospinal Fluid YKL-40 and Chitotriosidase Levels in Frontotemporal Dementia Vary by Clinical, Genetic and Pathological Subtype. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020 , 49, 56-76	2.6	7
26	Inflammatory markers of CHMP2B-mediated frontotemporal dementia. <i>Journal of Neuroimmunology</i> , 2018 , 324, 136-142	3.5	6
25	Effect of Spinal Manometers on Cerebrospinal Fluid Amyloid- β Concentration. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 885-891	4.3	5
24	Plasma Neurofilament Light as a Biomarker of Neurological Involvement in Wilson's Disease. <i>Movement Disorders</i> , 2021 , 36, 503-508	7	5
23	Interlaboratory validation of cerebrospinal fluid β synuclein quantification in the diagnosis of sporadic Creutzfeldt-Jakob disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 461-470	5.2	5
22	Multicentre longitudinal study of fluid and neuroimaging BIOMarkers of AXonal injury after traumatic brain injury: the BIO-AX-TBI study protocol. <i>BMJ Open</i> , 2020 , 10, e042093	3	4
21	Evidence of upregulation of the cholinergic anti-inflammatory pathway in late-life depression. <i>Journal of Affective Disorders</i> , 2021 , 286, 275-281	6.6	3
20	Brain-derived neurotrophic factor in cerebrospinal fluid and plasma is not a biomarker for Huntington's disease. <i>Scientific Reports</i> , 2021 , 11, 3481	4.9	3
19	Cerebrospinal fluid neurofilament light chain levels in CLN2 disease patients treated with enzyme replacement therapy normalise after two years on treatment. <i>F1000Research</i> , 2021 , 10, 614	3.6	2
18	Neurofilament Light in CSF and Plasma Is a Marker of Neuronal Damage in HTLV-1-Associated Myelopathy and Correlates With Neuroinflammation. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	2
17	Longitudinal dynamics of mutant huntingtin and neurofilament light in Huntington's disease: the prospective HD-CSF study		2

16	Cerebrospinal fluid metallomics in cerebral amyloid angiopathy: an exploratory analysis. <i>Journal of Neurology</i> , 2021 , 1	5.5	2
15	Neurofilament light plasma concentration positively associates with age and negatively associates with weight and height in the dog. <i>Neuroscience Letters</i> , 2021 , 744, 135593	3.3	2
14	Genetic Variants and Related Biomarkers in Sporadic Alzheimer's Disease. <i>Current Genetic Medicine Reports</i> , 2015 , 3, 19-25	2.2	1
13	Assessing Neurofilaments as Biomarkers of Neuroprotection in Progressive Multiple Sclerosis: From the MS-STAT Randomized Controlled Trial.. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022 , 9,	9.1	1
12	A population-based study of head injury, cognitive function and pathological markers. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 842-856	5.3	1
11	Association of CSF sTREM2, a marker of microglia activation, with cholinergic basal forebrain volume in major depressive disorder. <i>Journal of Affective Disorders</i> , 2021 , 293, 429-434	6.6	1
10	Leveraging large multi-center cohorts of Alzheimer disease endophenotypes to understand the role of Klotho heterozygosity on disease risk. <i>PLoS ONE</i> , 2022 , 17, e0267298	3.7	1
9	Serum neurofilament light concentration does not increase following exposure to low velocity football heading.. <i>Science and Medicine in Football</i> , 2021 , 5, 188-194	2.7	0
8	Cerebrospinal fluid neurofilament light levels in CLN2 disease patients treated with enzyme replacement therapy normalise after two years on treatment.. <i>F1000Research</i> , 2021 , 10, 614	3.6	0
7	Plasma neurofilament light chain protein as a predictor of days in delirium and deep sedation, mortality and length of stay in critically ill patients.. <i>EBioMedicine</i> , 2022 , 80, 104043	8.8	0
6	P2-105: IDENTIFYING MARKERS OF MICROGLIA ACTIVATION IN CSF FROM PATIENTS WITH ALZHEIMER'S DISEASE USING A NOVEL MASS SPECTROMETRY APPROACH 2014 , 10, P509-P509		
5	Haem oxygenase/nitric oxide synthase interaction: a role in neurodegeneration?. <i>Biochemical Society Transactions</i> , 2002 , 30, A84-A84	5.1	
4	P1-188: MODELLING AMYLOID BETA PROFILES IN IPSC-DERIVED CORTICAL NEURONS OF MULTIPLE FAMILIAL ALZHEIMER'S DISEASE GENOTYPES, INCLUDING A CASE STUDY OF SAME DONOR CULTURE MEDIA, CSF AND BRAIN TISSUE 2018 , 14, P350-P351		
3	O2-04-04: LONGITUDINAL MEASUREMENT OF SERUM NEUROFILAMENT LIGHT CONCENTRATION IN FAMILIAL ALZHEIMER'S DISEASE 2018 , 14, P623-P624		
2	P1-026: CEREBROSPINAL FLUID TAU, A β AND STREM2 IN FORMER NATIONAL FOOTBALL LEAGUE PLAYERS: MODELING THE RELATIONSHIP BETWEEN REPETITIVE HEAD IMPACTS, MICROGLIAL ACTIVATION, AND NEURODEGENERATION 2018 , 14, P275-P276		
1	O3-09-03: SERUM NEUROFILAMENT LIGHT LEVELS CORRELATE WITH SEVERITY MEASURES AND NEURODEGENERATION MARKERS IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE 2018 , 14, P1037-P1037		