

Brittany N Dugger

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.

66
papers

3,148
citations

30
h-index

55
g-index

73
ext. papers

4,008
ext. citations

5.5
avg, IF

5.25
L-index

#	Paper	IF	Citations
66	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion.. <i>Nature Communications</i> , 2022 , 13, 1511	17.4	7
65	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
64	Deep learning from multiple experts improves identification of amyloid neuropathologies.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 66	7.3	1
63	Joint Semi-supervised and Active Learning for Segmentation of Gigapixel Pathology Images with Cost-Effective Labeling. 2021 , 2021, 591-600		2
62	A Semi-supervised Learning for Segmentation of Gigapixel Histopathology Images from Brain Tissues. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2021 , 2021, 1920-1923	0.9	3
61	Neuropathology in the LifeAfter90 study: A new ethnically diverse cohort study of oldest-old.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e051412	1.2	
60	The status of digital pathology and machine learning within Alzheimer's Disease Centers. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043916	1.2	
59	Neuropathological Findings in Parkinson's Disease With Mild Cognitive Impairment. <i>Movement Disorders</i> , 2020 , 35, 845-850	7	6
58	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 59	7.3	11
57	Social Leisure Activity, Physical Activity, and Valuation of Life: Findings from a Longevity Study. <i>Activities, Adaptation and Aging</i> , 2020 , 44, 61-84	0.7	11
56	Unified Staging System for Lewy Body Disorders: Clinicopathologic Correlations and Comparison to Braak Staging. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 891-899	3.1	24
55	Interpretable classification of Alzheimer's disease pathologies with a convolutional neural network pipeline. <i>Nature Communications</i> , 2019 , 10, 2173	17.4	53
54	LATE to the PART-y. <i>Brain</i> , 2019 , 142, e47	11.2	25
53	Neuropathological Diagnoses of Demented Hispanic, Black, and Non-Hispanic White Decedents Seen at an Alzheimer's Disease Center. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 145-158	4.3	29
52	Tau immunoreactivity in peripheral tissues of human aging and select tauopathies. <i>Neuroscience Letters</i> , 2019 , 696, 132-139	3.3	14
51	P4-037: THE USE OF CONVOLUTIONAL NEURAL NETWORKS TO QUANTIFY AMYLOID PLAQUES IN POSTMORTEM HUMAN BRAIN 2018 , 14, P1446-P1446		
50	P3-178: THE PRESENCE OF NEURONAL PROTEINS IN HUMAN SUBMANDIBULAR GLAND IN ALZHEIMER'S DISEASE AND NONDEMENTED INDIVIDUALS 2018 , 14, P1136-P1136		

49	Impact of the Presence of Select Cardiovascular Risk Factors on Cognitive Changes among Dementia Subtypes. <i>Current Alzheimer Research</i> , 2018 , 15, 1032-1044	3	12
48	Predicting alpha-synuclein pathology by REM sleep behavior disorder diagnosis. <i>Parkinsonism and Related Disorders</i> , 2018 , 55, 92-96	3.6	16
47	Pathology of Neurodegenerative Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017 , 9,	10.2	360
46	Neurodegenerative Disease Transmission and Transgenesis in Mice. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017 , 9,	10.2	9
45	Multisite Assessment of Aging-Related Tau Astroglipathy (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017 , 76, 605-619	3.1	28
44	Improved diagnosis of Parkinson's disease from a detailed olfactory phenotype. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 714-721	5.3	7
43	A novel vector for transgenesis in the rat CNS. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 84	7.3	1
42	The Impact of Aging on Brain Pituitary Adenylate Cyclase Activating Polypeptide, Pathology and Cognition in Mice and Rhesus Macaques. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 180	5.3	8
41	Optimization of Aryl Amides that Extend Survival in Prion-Infected Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 358, 537-47	4.7	22
40	Guinea Pig Prion Protein Supports Rapid Propagation of Bovine Spongiform Encephalopathy and Variant Creutzfeldt-Jakob Disease Prions. <i>Journal of Virology</i> , 2016 , 90, 9558-9569	6.6	2
39	Description and cohort characterization of the Longevity Study: learning from our elders. <i>Aging Clinical and Experimental Research</i> , 2016 , 28, 863-9	4.8	5
38	Aging-related tau astroglipathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016 , 131, 87-102	14.3	272
37	Graph theory network function in Parkinson's disease assessed with electroencephalography. <i>Clinical Neurophysiology</i> , 2016 , 127, 2228-36	4.3	48
36	A Cross-Sectional Analysis of Late-Life Cardiovascular Factors and Their Relation to Clinically Defined Neurodegenerative Diseases. <i>Alzheimer Disease and Associated Disorders</i> , 2016 , 30, 223-9	2.5	12
35	Peripheral Synucleinopathy in Early Parkinson's Disease: Submandibular Gland Needle Biopsy Findings. <i>Movement Disorders</i> , 2016 , 31, 250-6	7	47
34	The Presence of Select Tau Species in Human Peripheral Tissues and Their Relation to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 51, 345-56	4.3	25
33	Prevalence of Submandibular Gland Synucleinopathy in Parkinson's Disease, Dementia with Lewy Bodies and other Lewy Body Disorders. <i>Journal of Parkinson's Disease</i> , 2016 , 6, 153-63	5.3	39
32	Neuropathological comparisons of amnestic and nonamnestic mild cognitive impairment. <i>BMC Neurology</i> , 2015 , 15, 146	3.1	28

31	REM sleep behavior disorder and neuropathology in Parkinson's disease. <i>Movement Disorders</i> , 2015 , 30, 1413-7	7	91
30	Feasibility Study: Comparison of Frontal Cortex Needle Core Versus Open Biopsy for Detection of Characteristic Proteinopathies of Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015 , 74, 934-42	3.1	7
29	Arizona Study of Aging and Neurodegenerative Disorders and Brain and Body Donation Program. <i>Neuropathology</i> , 2015 , 35, 354-89	2	211
28	Concomitant pathologies among a spectrum of parkinsonian disorders. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 525-9	3.6	80
27	Olfactory dysfunction in incidental Lewy body disease and Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 1260-2	3.6	46
26	Plaques and tangles as well as Lewy-type alpha synucleinopathy are associated with formed visual hallucinations. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 1009-14	3.6	31
25	Submandibular gland needle biopsy for the diagnosis of Parkinson disease. <i>Neurology</i> , 2014 , 82, 858-64	6.5	96
24	Low clinical diagnostic accuracy of early vs advanced Parkinson disease: clinicopathologic study. <i>Neurology</i> , 2014 , 83, 406-12	6.5	281
23	Essential tremor is not associated with cerebellar Purkinje cell loss. <i>Movement Disorders</i> , 2014 , 29, 496-500	5.0	60
22	Theoretical impact of Flortbetapir (18F) amyloid imaging on diagnosis of alzheimer dementia and detection of preclinical cortical amyloid. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 948-53	3.1	25
21	Neuropathologic heterogeneity does not impair flortbetapir-positron emission tomography postmortem correlates. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 72-80	3.1	31
20	Clinicopathological outcomes of prospectively followed normal elderly brain bank volunteers. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 244-52	3.1	43
19	The influence of Apolipoprotein E genotype on regional pathology in Alzheimer's disease. <i>BMC Neurology</i> , 2013 , 13, 44	3.1	16
18	TDP-43 deposition in prospectively followed, cognitively normal elderly individuals: correlation with argyrophilic grains but not other concomitant pathologies. <i>Acta Neuropathologica</i> , 2013 , 126, 51-7	14.3	59
17	MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. <i>Neurology</i> , 2013 , 81, 1681-9	6.5	46
16	The distribution of phosphorylated tau in spinal cords of Alzheimer's disease and non-demented individuals. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 529-36	4.3	30
15	Quantitative appraisal of ventricular cerebrospinal fluid biomarkers in neuropathologically diagnosed Parkinson's disease cases lacking Alzheimer's disease pathology. <i>Biomarker Insights</i> , 2013 , 8, 19-28	3.5	10
14	Submandibular gland biopsy for the diagnosis of Parkinson disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 130-6	3.1	89

13	Rapid eye movement sleep behavior disorder and subtypes in autopsy-confirmed dementia with Lewy bodies. <i>Movement Disorders</i> , 2012 , 27, 72-8	7	80
12	Presence of Striatal Amyloid Plaques in Parkinson's Disease Dementia Predicts Concomitant Alzheimer's Disease: Usefulness for Amyloid Imaging. <i>Journal of Parkinson's Disease</i> , 2012 , 2, 57-65	5.3	31
11	LRRK2 knockout mice have an intact dopaminergic system but display alterations in exploratory and motor co-ordination behaviors. <i>Molecular Neurodegeneration</i> , 2012 , 7, 25	19	139
10	Striatal amyloid plaque density predicts Braak neurofibrillary stage and clinicopathological Alzheimer's disease: implications for amyloid imaging. <i>Journal of Alzheimer's Disease</i> , 2012 , 28, 869-76	4.3	54
9	Disease specificity and pathologic progression of tau pathology in brainstem nuclei of Alzheimer's disease and progressive supranuclear palsy. <i>Neuroscience Letters</i> , 2011 , 491, 122-6	3.3	42
8	Anatomy of disturbed sleep in pallido-ponto-nigral degeneration. <i>Annals of Neurology</i> , 2011 , 69, 1014-1025	9.4	10
7	TDP-43 in aging and Alzheimer's disease - a review. <i>International Journal of Clinical and Experimental Pathology</i> , 2011 , 4, 147-55	1.4	112
6	Cell type specific sequestration of choline acetyltransferase and tyrosine hydroxylase within Lewy bodies. <i>Acta Neuropathologica</i> , 2010 , 120, 633-9	14.3	34
5	Evaluation of subcortical pathology and clinical correlations in FTL-D subtypes. <i>Acta Neuropathologica</i> , 2009 , 118, 349-58	14.3	103
4	Overexpression of wild-type murine tau results in progressive tauopathy and neurodegeneration. <i>American Journal of Pathology</i> , 2009 , 175, 1598-609	5.8	48
3	Gonadal steroids regulate neural plasticity in the sexually dimorphic nucleus of the preoptic area of adult male and female rats. <i>Neuroendocrinology</i> , 2008 , 88, 17-24	5.6	13
2	Androgen receptors are required for full masculinization of the ventromedial hypothalamus (VMH) in rats. <i>Hormones and Behavior</i> , 2007 , 51, 195-201	3.7	48
1	Partial demasculinization of several brain regions in adult male (XY) rats with a dysfunctional androgen receptor gene. <i>Journal of Comparative Neurology</i> , 2005 , 487, 217-26	3.4	48