

Brittany N Dugger

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,833
citations

101543

36
h-index

110387

64
g-index

73
all docs

73
docs citations

73
times ranked

6393
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathology of Neurodegenerative Diseases. Cold Spring Harbor Perspectives in Biology, 2017, 9, a028035.	5.5	865
2	Low clinical diagnostic accuracy of early vs advanced Parkinson disease. Neurology, 2014, 83, 406-412.	1.1	395
3	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. Acta Neuropathologica, 2016, 131, 87-102.	7.7	380
4	A longitudinal study of aging and neurodegenerative disorders and brain body donation program. Neuropathology, 2015, 35, 354-389.	1.2	336
5	LRRK2 knockout mice have an intact dopaminergic system but display alterations in exploratory and motor co-ordination behaviors. Molecular Neurodegeneration, 2012, 7, 25.	10.8	165
6	REM sleep behavior disorder and neuropathology in Parkinson's disease. Movement Disorders, 2015, 30, 1413-1417.	3.9	128
7	Submandibular gland needle biopsy for the diagnosis of Parkinson disease. Neurology, 2014, 82, 858-864.	1.1	120
8	TDP-43 in aging and Alzheimer's disease - a review. International Journal of Clinical and Experimental Pathology, 2011, 4, 147-55.	0.5	118
9	Interpretable classification of Alzheimer's disease pathologies with a convolutional neural network pipeline. Nature Communications, 2019, 10, 2173.	12.8	116
10	Evaluation of subcortical pathology and clinical correlations in FTLD-U subtypes. Acta Neuropathologica, 2009, 118, 349-358.	7.7	114
11	Concomitant pathologies among a spectrum of parkinsonian disorders. Parkinsonism and Related Disorders, 2014, 20, 525-529.	2.2	107
12	Submandibular Gland Biopsy for the Diagnosis of Parkinson Disease. Journal of Neuropathology and Experimental Neurology, 2013, 72, 130-136.	1.7	106
13	Rapid eye movement sleep behavior disorder and subtypes in autopsy-confirmed dementia with Lewy bodies. Movement Disorders, 2012, 27, 72-78.	3.9	99
14	TDP-43 deposition in prospectively followed, cognitively normal elderly individuals: correlation with argyrophilic grains but not other concomitant pathologies. Acta Neuropathologica, 2013, 126, 51-57.	7.7	82
15	Essential tremor is not associated with cerebellar Purkinje cell loss. Movement Disorders, 2014, 29, 496-500.	3.9	79
16	Graph theory network function in Parkinson's disease assessed with electroencephalography. Clinical Neurophysiology, 2016, 127, 2228-2236.	1.5	79
17	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion. Nature Communications, 2022, 13, 1511.	12.8	77
18	Olfactory dysfunction in incidental Lewy body disease and Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, 1260-1262.	2.2	68

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19	Peripheral Synucleinopathy in Early Parkinson's Disease: Submandibular Gland Needle Biopsy Findings. <i>Movement Disorders</i> , 2016, 31, 250-256.	3.9	66
20	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, 869-876.	2.6	65
21	Clinicopathological Outcomes of Prospectively Followed Normal Elderly Brain Bank Volunteers. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 244-252.	1.7	65
22	Androgen receptors are required for full masculinization of the ventromedial hypothalamus (VMH) in rats. <i>Hormones and Behavior</i> , 2007, 51, 195-201.	2.1	60
23	MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. <i>Neurology</i> , 2013, 81, 1681-1689.	1.1	58
24	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, 153-163.	2.8	58
25	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, 217-226.	1.6	56
26	Overexpression of Wild-Type Murine Tau Results in Progressive Tauopathy and Neurodegeneration. <i>American Journal of Pathology</i> , 2009, 175, 1598-1609.	3.8	56
27	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, 345-356.	2.6	56
28	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.	2.6	56
29	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, 122-126.	2.1	53
30	Plaques and tangles as well as Lewy-type alpha synucleinopathy are associated with formed visual hallucinations. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1009-1014.	2.2	45
31	LATE to the PART-y. <i>Brain</i> , 2019, 142, e47-e47.	7.6	44
32	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.	1.7	44
33	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, 529-536.	2.6	39
34	Cell type specific sequestration of choline acetyltransferase and tyrosine hydroxylase within Lewy bodies. <i>Acta Neuropathologica</i> , 2010, 120, 633-639.	7.7	38
35	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.	2.8	38
36	Multisite Assessment of Aging-Related Tau Astroglialopathy (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 605-619.	1.7	38

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37	Neuropathologic Heterogeneity Does Not Impair Florbetapir-Positron Emission Tomography Postmortem Correlates. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 72-80.	1.7	36
38	Neuropathological comparisons of amnesic and nonamnesic mild cognitive impairment. <i>BMC Neurology</i> , 2015, 15, 146.	1.8	36
39	Tau immunoreactivity in peripheral tissues of human aging and select tauopathies. <i>Neuroscience Letters</i> , 2019, 696, 132-139.	2.1	33
40	Theoretical Impact of Florbetapir (¹⁸ F) Amyloid Imaging on Diagnosis of Alzheimer Dementia and Detection of Preclinical Cortical Amyloid. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 948-953.	1.7	29
41	Optimization of Aryl Amides that Extend Survival in Prion-Infected Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 537-547.	2.5	27
42	Advances in Deep Neuropathological Phenotyping of Alzheimer Disease: Past, Present, and Future. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 2-15.	1.7	26
43	The influence of Apolipoprotein E genotype on regional pathology in Alzheimer's disease. <i>BMC Neurology</i> , 2013, 13, 44.	1.8	23
44	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020, 8, 59.	5.2	20
45	Predicting alpha-synuclein pathology by REM sleep behavior disorder diagnosis. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 92-96.	2.2	19
46	Social Leisure Activity, Physical Activity, and Valuation of Life: Findings from a Longevity Study. <i>Activities, Adaptation and Aging</i> , 2020, 44, 61-84.	2.4	17
47	Joint Semi-supervised and Active Learning for Segmentation of Gigapixel Pathology Images with Cost-Effective Labeling. , 2021, 2021, 591-600.		16
48	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, 223-229.	1.3	15
49	Neuropathological Findings in Parkinson's Disease With Mild Cognitive Impairment. <i>Movement Disorders</i> , 2020, 35, 845-850.	3.9	14
50	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.	2.5	13
51	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, BM1.S11422.	2.5	13
52	Impact of the Presence of Select Cardiovascular Risk Factors on Cognitive Changes among Dementia Subtypes. <i>Current Alzheimer Research</i> , 2018, 15, 1032-1044.	1.4	13
53	Neurodegenerative Disease Transmission and Transgenesis in Mice. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023549.	5.5	12
54	Improved diagnosis of Parkinson's disease from a detailed olfactory phenotype. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 714-721.	3.7	12

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55	Deep learning from multiple experts improves identification of amyloid neuropathologies. Acta Neuropathologica Communications, 2022, 10, 66.	5.2	12
56	A Semi-supervised Learning for Segmentation of Gigapixel Histopathology Images from Brain Tissues. , 2021, 2021, 1920-1923.		11
57	Anatomy of disturbed sleep in pallidoâ€pontoâ€nigral degeneration. Annals of Neurology, 2011, 69, 1014-1025.	5.3	10
58	Feasibility Study: Comparison of Frontal Cortex Needle Core Versus Open Biopsy for Detection of Characteristic Proteinopathies of Neurodegenerative Diseases. Journal of Neuropathology and Experimental Neurology, 2015, 74, 934-942.	1.7	10
59	The Impact of Aging on Brain Pituitary Adenylate Cyclase Activating Polypeptide, Pathology and Cognition in Mice and Rhesus Macaques. Frontiers in Aging Neuroscience, 2017, 9, 180.	3.4	10
60	Neuropathology Studies of Dementia in US Persons other than Non-Hispanic Whites.. Free Neuropathology, 2022, 3, .	3.0	7
61	Description and cohort characterization of the Longevity Study: learning from our elders. Aging Clinical and Experimental Research, 2016, 28, 863-869.	2.9	5
62	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. IEEE Access, 2022, 10, 49064-49079.	4.2	5
63	Guinea Pig Prion Protein Supports Rapid Propagation of Bovine Spongiform Encephalopathy and Variant Creutzfeldt-Jakob Disease Prions. Journal of Virology, 2016, 90, 9558-9569.	3.4	3
64	A novel vector for transgenesis in the rat CNS. Acta Neuropathologica Communications, 2017, 5, 84.	5.2	3
65	Automated grey and white matter segmentation in digitized AÎ² human brain tissue slide images. , 2020, , .		3
66	Neuropathology in the LifeAfter90 study: A new ethnically diverse cohort study of oldestâ€old. Alzheimer's and Dementia, 2021, 17, e051412.	0.8	1
67	P4â€037: THE USE OF CONVOLUTIONAL NEURAL NETWORKS TO QUANTIFY AMYLOID PLAQUES IN POSTMORTEM HUMAN BRAIN. Alzheimer's and Dementia, 2018, 14, P1446.	0.8	0
68	P3â€178: THE PRESENCE OF NEURONAL PROTEINS IN HUMAN SUBMANDIBULAR GLAND IN ALZHEIMER'S DISEASE AND NONDEMENTED INDIVIDUALS. Alzheimer's and Dementia, 2018, 14, P1136.	0.8	0
69	The status of digital pathology and machine learning within Alzheimerâ€™s Disease Centers. Alzheimer's and Dementia, 2020, 16, e043916.	0.8	0