

# Brittany N Dugger

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

4,833  
citations

101384

36  
h-index

110170

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.	2.3	865
2	Low clinical diagnostic accuracy of early vs advanced Parkinson disease. Neurology, 2014, 83, 406-412.	1.5	395
3	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. Acta Neuropathologica, 2016, 131, 87-102.	3.9	380
4	A Arizona study of aging and neurodegenerative disorders and brain body donation program. Neuropathology, 2015, 35, 354-389.	0.7	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.	4.4	165
6	REM sleep behavior disorder and neuropathology in Parkinson's disease. Movement Disorders, 2015, 30, 1413-1417.	2.2	128
7	Submandibular gland needle biopsy for the diagnosis of Parkinson disease. Neurology, 2014, 82, 858-864.	1.5	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.	5.8	116
10	Evaluation of subcortical pathology and clinical correlations in FTLD-U subtypes. Acta Neuropathologica, 2009, 118, 349-358.	3.9	114
11	Concomitant pathologies among a spectrum of parkinsonian disorders. Parkinsonism and Related Disorders, 2014, 20, 525-529.	1.1	107
12	Submandibular Gland Biopsy for the Diagnosis of Parkinson Disease. Journal of Neuropathology and Experimental Neurology, 2013, 72, 130-136.	0.9	106
13	Rapid eye movement sleep behavior disorder and subtypes in autopsy-confirmed dementia with Lewy bodies. Movement Disorders, 2012, 27, 72-78.	2.2	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.	3.9	82
15	Essential tremor is not associated with cerebellar Purkinje cell loss. Movement Disorders, 2014, 29, 496-500.	2.2	79
16	Graph theory network function in Parkinson's disease assessed with electroencephalography. Clinical Neurophysiology, 2016, 127, 2228-2236.	0.7	79
17	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion. Nature Communications, 2022, 13, 1511.	5.8	77
18	Olfactory dysfunction in incidental Lewy body disease and Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, 1260-1262.	1.1	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.	2.2	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.	1.2	65
21	Clinicopathological Outcomes of Prospectively Followed Normal Elderly Brain Bank Volunteers. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 244-252.	0.9	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.	1.0	60
23	MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. <i>Neurology</i> , 2013, 81, 1681-1689.	1.5	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.	1.5	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.	0.9	56
26	Overexpression of Wild-Type Murine Tau Results in Progressive Tauopathy and Neurodegeneration. <i>American Journal of Pathology</i> , 2009, 175, 1598-1609.	1.9	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.	1.2	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.	1.2	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.	1.0	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.	1.1	45
31	LATE to the PART-y. <i>Brain</i> , 2019, 142, e47-e47.	3.7	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.	0.9	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.	1.2	39
34	Cell type specific sequestration of choline acetyltransferase and tyrosine hydroxylase within Lewy bodies. <i>Acta Neuropathologica</i> , 2010, 120, 633-639.	3.9	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.	1.5	38
36	Multisite Assessment of Aging-Related Tau Astroglialopathy (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 605-619.	0.9	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.	0.9	36
38	Neuropathological comparisons of amnesic and nonamnesic mild cognitive impairment. <i>BMC Neurology</i> , 2015, 15, 146.	0.8	36
39	Tau immunoreactivity in peripheral tissues of human aging and select tauopathies. <i>Neuroscience Letters</i> , 2019, 696, 132-139.	1.0	33
40	Theoretical Impact of Florbetapir ( <sup>18</sup> 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.	0.9	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.	1.3	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.	0.9	26
43	The influence of Apolipoprotein E genotype on regional pathology in Alzheimer's disease. <i>BMC Neurology</i> , 2013, 13, 44.	0.8	23
44	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020, 8, 59.	2.4	20
45	Predicting alpha-synuclein pathology by REM sleep behavior disorder diagnosis. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 92-96.	1.1	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.	1.7	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.	0.6	15
49	Neuropathological Findings in Parkinson's Disease With Mild Cognitive Impairment. <i>Movement Disorders</i> , 2020, 35, 845-850.	2.2	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.	1.2	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.	1.0	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.	0.7	13
53	Neurodegenerative Disease Transmission and Transgenesis in Mice. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023549.	2.3	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.	1.7	12

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55	Deep learning from multiple experts improves identification of amyloid neuropathologies. <i>Acta Neuropathologica Communications</i> , 2022, 10, 66.	2.4	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. <i>Annals of Neurology</i> , 2011, 69, 1014-1025.	2.8	10
58	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, 934-942.	0.9	10
59	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.	1.7	10
60	Neuropathology Studies of Dementia in US Persons other than Non-Hispanic Whites.. <i>Free Neuropathology</i> , 2022, 3, .	2.4	7
61	Description and cohort characterization of the Longevity Study: learning from our elders. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 863-869.	1.4	5
62	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. <i>IEEE Access</i> , 2022, 10, 49064-49079.	2.6	5
63	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.	1.5	3
64	A novel vector for transgenesis in the rat CNS. <i>Acta Neuropathologica Communications</i> , 2017, 5, 84.	2.4	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. <i>Alzheimer's and Dementia</i> , 2021, 17, e051412.	0.4	1
67	P4â€037: THE USE OF CONVOLUTIONAL NEURAL NETWORKS TO QUANTIFY AMYLOID PLAQUES IN POSTMORTEM HUMAN BRAIN. <i>Alzheimer's and Dementia</i> , 2018, 14, P1446.	0.4	0
68	P3â€178: THE PRESENCE OF NEURONAL PROTEINS IN HUMAN SUBMANDIBULAR GLAND IN ALZHEIMER'S DISEASE AND NONDEMENTED INDIVIDUALS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1136.	0.4	0
69	The status of digital pathology and machine learning within Alzheimerâ€™s Disease Centers. <i>Alzheimer's and Dementia</i> , 2020, 16, e043916.	0.4	0