

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	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
2	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion. <i>Nature Communications</i> , 2022, 13, 1511.	12.8	77
3	Neuropathology Studies of Dementia in US Persons other than Non-Hispanic Whites.. <i>Free Neuropathology</i> , 2022, 3, .	3.0	7
4	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. <i>IEEE Access</i> , 2022, 10, 49064-49079.	4.2	5
5	Deep learning from multiple experts improves identification of amyloid neuropathologies. <i>Acta Neuropathologica Communications</i> , 2022, 10, 66.	5.2	12
6	Joint Semi-supervised and Active Learning for Segmentation of Gigapixel Pathology Images with Cost-Effective Labeling. , 2021, 2021, 591-600.		16
7	A Semi-supervised Learning for Segmentation of Gigapixel Histopathology Images from Brain Tissues. , 2021, 2021, 1920-1923.		11
8	Neuropathology in the LifeAfter90 study: A new ethnically diverse cohort study of oldest-old. <i>Alzheimer's and Dementia</i> , 2021, 17, e051412.	0.8	1
9	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
10	Automated grey and white matter segmentation in digitized A β human brain tissue slide images. , 2020, , .		3
11	The status of digital pathology and machine learning within Alzheimer's Disease Centers. <i>Alzheimer's and Dementia</i> , 2020, 16, e043916.	0.8	0
12	Neuropathological Findings in Parkinson's Disease With Mild Cognitive Impairment. <i>Movement Disorders</i> , 2020, 35, 845-850.	3.9	14
13	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020, 8, 59.	5.2	20
14	LATE to the PART-y. <i>Brain</i> , 2019, 142, e47-e47.	7.6	44
15	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
16	Interpretable classification of Alzheimer's disease pathologies with a convolutional neural network pipeline. <i>Nature Communications</i> , 2019, 10, 2173.	12.8	116
17	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
18	Tau immunoreactivity in peripheral tissues of human aging and select tauopathies. <i>Neuroscience Letters</i> , 2019, 696, 132-139.	2.1	33

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19	P4â€³7: THE USE OF CONVOLUTIONAL NEURAL NETWORKS TO QUANTIFY AMYLOID PLAQUES IN POSTMORTEM HUMAN BRAIN. <i>Alzheimer's and Dementia</i> , 2018, 14, P1446.	0.8	0
20	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.	0.8	0
21	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
22	Predicting alpha-synuclein pathology by REM sleep behavior disorder diagnosis. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 92-96.	2.2	19
23	Pathology of Neurodegenerative Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a028035.	5.5	865
24	Neurodegenerative Disease Transmission and Transgenesis in Mice. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023549.	5.5	12
25	Multisite Assessment of Aging-Related Tau Astroglipathy (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 605-619.	1.7	38
26	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
27	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.	3.4	10
28	A novel vector for transgenesis in the rat CNS. <i>Acta Neuropathologica Communications</i> , 2017, 5, 84.	5.2	3
29	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
30	Peripheral <sc>S</sc>yucleinopathy in <sc>E</sc>arly <sc>P</sc>arkinson's <sc>D</sc>isease: <sc>S</sc>ubmandibular <sc>G</sc>land <sc>N</sc>eedle <sc>B</sc>iopsy <sc>F</sc>indings. <i>Movement Disorders</i> , 2016, 31, 250-256.	3.9	66
31	The Presence of Select Tau Species in Human Peripheral Tissues and Their Relation to Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 345-356.	2.6	56
32	Prevalence of Submandibular Gland Synucleinopathy in Parkinsonâ€™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
33	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
34	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.	3.4	3
35	Description and cohort characterization of the Longevity Study: learning from our elders. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 863-869.	2.9	5
36	Aging-related tau astroglipathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016, 131, 87-102.	7.7	380

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37	Graph theory network function in Parkinson's disease assessed with electroencephalography. <i>Clinical Neurophysiology</i> , 2016, 127, 2228-2236.	1.5	79
38	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.	1.7	10
39	A study of aging and neurodegenerative disorders and brain and body donation program. <i>Neuropathology</i> , 2015, 35, 354-389.	1.2	336
40	Neuropathological comparisons of amnesic and nonamnesic mild cognitive impairment. <i>BMC Neurology</i> , 2015, 15, 146.	1.8	36
41	REM sleep behavior disorder and neuropathology in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1413-1417.	3.9	128
42	Essential tremor is not associated with cerebellar Purkinje cell loss. <i>Movement Disorders</i> , 2014, 29, 496-500.	3.9	79
43	Theoretical Impact of Flortetapir (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
44	Neuropathologic Heterogeneity Does Not Impair Flortetapir-Positron Emission Tomography Postmortem Correlates. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 72-80.	1.7	36
45	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
46	Concomitant pathologies among a spectrum of parkinsonian disorders. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 525-529.	2.2	107
47	Olfactory dysfunction in incidental Lewy body disease and Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1260-1262.	2.2	68
48	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
49	Submandibular gland needle biopsy for the diagnosis of Parkinson disease. <i>Neurology</i> , 2014, 82, 858-864.	1.1	120
50	Low clinical diagnostic accuracy of early vs advanced Parkinson disease. <i>Neurology</i> , 2014, 83, 406-412.	1.1	395
51	The influence of Apolipoprotein E genotype on regional pathology in Alzheimer's disease. <i>BMC Neurology</i> , 2013, 13, 44.	1.8	23
52	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, 51-57.	7.7	82
53	MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. <i>Neurology</i> , 2013, 81, 1681-1689.	1.1	58
54	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

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55	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, BMI.S11422.	2.5	13
56	Submandibular Gland Biopsy for the Diagnosis of Parkinson Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 130-136.	1.7	106
57	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
58	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.	10.8	165
59	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
60	Rapid eye movement sleep behavior disorder and subtypes in autopsy-confirmed dementia with Lewy bodies. <i>Movement Disorders</i> , 2012, 27, 72-78.	3.9	99
61	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
62	Anatomy of disturbed sleep in pallidum-ponto-nigral degeneration. <i>Annals of Neurology</i> , 2011, 69, 1014-1025.	5.3	10
63	TDP-43 in aging and Alzheimer's disease - a review. <i>International Journal of Clinical and Experimental Pathology</i> , 2011, 4, 147-55.	0.5	118
64	Cell type specific sequestration of choline acetyltransferase and tyrosine hydroxylase within Lewy bodies. <i>Acta Neuropathologica</i> , 2010, 120, 633-639.	7.7	38
65	Evaluation of subcortical pathology and clinical correlations in FTLD-U subtypes. <i>Acta Neuropathologica</i> , 2009, 118, 349-358.	7.7	114
66	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
67	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
68	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
69	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