

Heiko Braak

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

22,837
citations

87723

38
h-index

110170

64
g-index

67
all docs

67
docs citations

67
times ranked

20961
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of pre- α islands in the entorhinal cortex from selected primates and in lissencephaly. <i>Journal of Comparative Neurology</i> , 2022, 530, 683-704.	0.9	3
2	Involvement of cortico-efferent tracts in flail arm syndrome: a tract-of-interest-based DTI study. <i>Journal of Neurology</i> , 2022, 269, 2619-2626.	1.8	5
3	Clinicoanatomical substrates of selfish behaviour in amyotrophic lateral sclerosis – An observational cohort study. <i>Cortex</i> , 2022, 146, 261-270.	1.1	8
4	Hypothesis: Tau pathology is an initiating factor in sporadic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, 115-124.	0.4	169
5	Seeding Propensity and Characteristics of Pathogenic τ -Syn Assemblies in Formalin-Fixed Human Tissue from the Enteric Nervous System, Olfactory Bulb, and Brainstem in Cases Staged for Parkinson's Disease. <i>Cells</i> , 2021, 10, 139.	1.8	16
6	Anatomic survey of seeding in Alzheimer's disease brains reveals unexpected patterns. <i>Acta Neuropathologica Communications</i> , 2021, 9, 164.	2.4	17
7	From the Entorhinal Region via the Prosubiculum to the Dentate Fascia: Alzheimer Disease-Related Neurofibrillary Changes in the Temporal Allocortex. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 163-175.	0.9	24
8	To stage, or not to stage. <i>Current Opinion in Neurobiology</i> , 2020, 61, 10-22.	2.0	37
9	Longitudinal brain atrophy distribution in advanced Parkinson's disease: What makes the difference in "cognitive status"-converters?. <i>Human Brain Mapping</i> , 2020, 41, 1416-1434.	1.9	28
10	Pattern of paresis in ALS is consistent with the physiology of the corticomotoneuronal projections to different muscle groups. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 991-998.	0.9	24
11	Histological correlates of postmortem ultra-high-resolution single-section MRI in cortical cerebral microinfarcts. <i>Acta Neuropathologica Communications</i> , 2020, 8, 33.	2.4	16
12	Fabry Disease With Concomitant Lewy Body Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 378-392.	0.9	16
13	Reply: Adult-onset distal spinal muscular atrophy: a new phenotype associated with KIF5A mutations. <i>Brain</i> , 2019, 142, e67-e67.	3.7	1
14	Top-Down Projections Direct the Gradual Progression of Alzheimer-Related Tau Pathology Throughout the Neocortex. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1184, 291-303.	0.8	10
15	Cognitive phenotypes of sequential staging in amyotrophic lateral sclerosis. <i>Cortex</i> , 2018, 101, 163-171.	1.1	46
16	Hot-spot KIF5A mutations cause familial ALS. <i>Brain</i> , 2018, 141, 688-697.	3.7	167
17	Anterior Cingulate Cortex TDP-43 Pathology in Sporadic Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 74-83.	0.9	31
18	Imaging the pathoanatomy of amyotrophic lateral sclerosis in vivo: targeting a propagation-based biological marker. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 374-381.	0.9	74

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19	Microglial activation occurs late during preclinical Alzheimer's disease. <i>Glia</i> , 2018, 66, 2550-2562.	2.5	61
20	Endothelial damage, vascular bagging and remodeling of the microvascular bed in human microangiopathy with deep white matter lesions. <i>Acta Neuropathologica Communications</i> , 2018, 6, 128.	2.4	33
21	Two histological methods for recognition and study of cortical microinfarcts in thick sections. <i>European Journal of Histochemistry</i> , 2018, 62, .	0.6	14
22	Corticoefferent pathology distribution in amyotrophic lateral sclerosis: in vivo evidence from a meta-analysis of diffusion tensor imaging data. <i>Scientific Reports</i> , 2018, 8, 15389.	1.6	23
23	Longitudinal Diffusion Tensor Imaging Resembles Patterns of Pathology Progression in Behavioral Variant Frontotemporal Dementia (bvFTD). <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 47.	1.7	13
24	Spreading of Tau Pathology in Sporadic Alzheimer's Disease Along Cortico-cortical Top-Down Connections. <i>Cerebral Cortex</i> , 2018, 28, 3372-3384.	1.6	91
25	Tau seeding activity begins in the transentorhinal/entorhinal regions and anticipates phospho-tau pathology in Alzheimer's disease and PART. <i>Acta Neuropathologica</i> , 2018, 136, 57-67.	3.9	173
26	Characterization of tau prion seeding activity and strains from formaldehyde-fixed tissue. <i>Acta Neuropathologica Communications</i> , 2017, 5, 41.	2.4	78
27	Cortical influences drive amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 917-924.	0.9	152
28	Pathological TDP-43 changes in Betz cells differ from those in bulbar and spinal motoneurons in sporadic amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , 2017, 133, 79-90.	3.9	68
29	Potential Pathways of Abnormal Tau and β -Synuclein Dissemination in Sporadic Alzheimer's and Parkinson's Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a023630.	2.3	101
30	Microbes and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 979-984.	1.2	426
31	PART is part of Alzheimer disease. <i>Acta Neuropathologica</i> , 2015, 129, 749-756.	3.9	256
32	The preclinical phase of the pathological process underlying sporadic Alzheimer's disease. <i>Brain</i> , 2015, 138, 2814-2833.	3.7	380
33	Neuroanatomy and pathology of sporadic Alzheimer's disease. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 215, 1-162.	1.0	57
34	Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). <i>Acta Neuropathologica</i> , 2014, 127, 423-439.	3.9	237
35	Are cases with tau pathology occurring in the absence of $A\beta$ deposits part of the AD-related pathological process?. <i>Acta Neuropathologica</i> , 2014, 128, 767-772.	3.9	83
36	Diffusion tensor imaging analysis of sequential spreading of disease in amyotrophic lateral sclerosis confirms patterns of TDP-43 pathology. <i>Brain</i> , 2014, 137, 1733-1740.	3.7	179

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37	Amyotrophic lateral sclerosisâ€”a model of corticofugal axonal spread. <i>Nature Reviews Neurology</i> , 2013, 9, 708-714.	4.9	432
38	Reply: the early pathological process in sporadic Alzheimerâ€™s disease. <i>Acta Neuropathologica</i> , 2013, 126, 615-618.	3.9	29
39	Age-related appearance of dendritic inclusions in catecholaminergic brainstem neurons. <i>Neurobiology of Aging</i> , 2013, 34, 286-297.	1.5	19
40	Intraneuronal tau aggregation precedes diffuse plaque deposition, but amyloid- β^2 changes occur before increases of tau in cerebrospinal fluid. <i>Acta Neuropathologica</i> , 2013, 126, 631-641.	3.9	125
41	Stages of pTDPâ€³43 pathology in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2013, 74, 20-38.	2.8	820
42	Paraffin sections of 70â€”100 μ m: A novel technique and its benefits for studying the nervous system. <i>Journal of Neuroscience Methods</i> , 2013, 215, 241-244.	1.3	19
43	Where, when, and in what form does sporadic Alzheimerâ€™s disease begin?. <i>Current Opinion in Neurology</i> , 2012, 25, 708-714.	1.8	202
44	Evolutional Aspects of Alzheimer's Disease Pathogenesis. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S155-S161.	1.2	34
45	Correlation of Alzheimer Disease Neuropathologic Changes With Cognitive Status: A Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 362-381.	0.9	1,599
46	Alzheimer's disease: Pathogenesis and prevention. <i>Alzheimer's and Dementia</i> , 2012, 8, 227-233.	0.4	87
47	Spinal cord lesions in sporadic Parkinsonâ€™s disease. <i>Acta Neuropathologica</i> , 2012, 124, 643-664.	3.9	130
48	Stages of the Pathologic Process in Alzheimer Disease: Age Categories From 1 to 100 Years. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 960-969.	0.9	1,562
49	The pathological process underlying Alzheimerâ€™s disease in individuals under thirty. <i>Acta Neuropathologica</i> , 2011, 121, 171-181.	3.9	654
50	Alzheimerâ€™s pathogenesis: is there neuron-to-neuron propagation?. <i>Acta Neuropathologica</i> , 2011, 121, 589-595.	3.9	297
51	Nerve cells immunoreactive for p62 in select hypothalamic and brainstem nuclei of controls and Parkinsonâ€™s disease cases. <i>Journal of Neural Transmission</i> , 2011, 118, 809-819.	1.4	25
52	Amyotrophic lateral sclerosis: dash-like accumulation of phosphorylated TDP-43 in somatodendritic and axonal compartments of somatomotor neurons of the lower brainstem and spinal cord. <i>Acta Neuropathologica</i> , 2010, 120, 67-74.	3.9	58
53	Gastric β -synuclein immunoreactive inclusions in Meissner's and Auerbach's plexuses in cases staged for Parkinson's disease-related brain pathology. <i>Neuroscience Letters</i> , 2006, 396, 67-72.	1.0	1,170
54	Staging of Alzheimer disease-associated neurofibrillary pathology using paraffin sections and immunocytochemistry. <i>Acta Neuropathologica</i> , 2006, 112, 389-404.	3.9	2,318

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55	Staging of brain pathology related to sporadic Parkinson's disease. <i>Neurobiology of Aging</i> , 2003, 24, 197-211.	1.5	8,567
56	Pathological Changes in the Parahippocampal Region in Select Non-Alzheimer's Dementias. <i>Annals of the New York Academy of Sciences</i> , 2000, 911, 221-239.	1.8	43
57	Improved method facilitates reliable APOE genotyping of genomic DNA extracted from formaldehyde-fixed pathology specimens. <i>Journal of Neuroscience Methods</i> , 1998, 79, 229-231.	1.3	22
58	Neurofibrillary pathology in the human paraventricular and supraoptic nuclei. <i>Acta Neuropathologica</i> , 1997, 94, 99-102.	3.9	29
59	Topical Review: Functional Anatomy of Human Hippocampal Formation and Related Structures. <i>Journal of Child Neurology</i> , 1996, 11, 265-275.	0.7	100
60	Structural correlates and cellular mechanisms in entorhinal hippocampal dysfunction. <i>Hippocampus</i> , 1993, 3, 293-301.	0.9	10
61	The human entorhinal cortex: normal morphology and lamina-specific pathology in various diseases. <i>Neuroscience Research</i> , 1992, 15, 6-31.	1.0	303
62	Demonstration of Amyloid Deposits and Neurofibrillary Changes in Whole Brain Sections. <i>Brain Pathology</i> , 1991, 1, 213-216.	2.1	520
63	Occurrence of neuropil threads in the senile human brain and in Alzheimer's disease: A third location of paired helical filaments outside of neurofibrillary tangles and neuritic plaques. <i>Neuroscience Letters</i> , 1986, 65, 351-355.	1.0	413
64	Argyrophilic Grain Disease. , 0, , 165-170.		6