Heiko Braak

List of Publications by Year
in descending order

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	Staging of brain pathology related to sporadic Parkinsonâ€™s disease. Neurobiology of Aging, 2003, 24, 197-211.	1.5	8,567
2	Staging of Alzheimer disease-associated neurofibrillary pathology using paraffin sections and immunocytochemistry. Acta Neuropathologica, 2006, 112, 389-404.	3.9	2,318
3	Correlation of Alzheimer Disease Neuropathologic Changes With Cognitive Status: A Review of the Literature. Journal of Neuropathology and Experimental Neurology, 2012, 71, 362-381.	0.9	1,599
4	Stages of the Pathologic Process in Alzheimer Disease: Age Categories From 1 to 100 Years. Journal of Neuropathology and Experimental Neurology, 2011, 70, 960-969.	0.9	1,562
5	Gastric Î±-synuclein immunoreactive inclusions in Meissner's and Auerbach's plexuses in cases staged for Parkinson's disease-related brain pathology. Neuroscience Letters, 2006, 396, 67-72.	1.0	1,170
6	Stages of pTDPâ€43 pathology in amyotrophic lateral sclerosis. Annals of Neurology, 2013, 74, 20-38.	2.8	820
7	The pathological process underlying Alzheimerâ€™s disease in individuals under thirty. Acta Neuropathologica, 2011, 121, 171-181.	3.9	654
8	Demonstration of Amyloid Deposits and Neurofibrillary Changes in Whole Brain Sections. Brain Pathology, 1991, 1, 213-216.	2.1	520
9	Amyotrophic lateral sclerosisâ€”a model of corticofugal axonal spread. Nature Reviews Neurology, 2013, 9, 708-714.	4.9	432
10	Microbes and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 979-984.	1.2	426
11	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. Neuroscience Letters, 1986, 65, 351-355.	1.0	413
12	The preclinical phase of the pathological process underlying sporadic Alzheimerâ€™s disease. Brain, 2015, 138, 2814-2833.	3.7	380
13	The human entorhinal cortex: normal morphology and lamina-specific pathology in various diseases. Neuroscience Research, 1992, 15, 6-31.	1.0	303
14	Alzheimerâ€™s pathogenesis: is there neuron-to-neuron propagation?. Acta Neuropathologica, 2011, 121, 589-595.	3.9	297
15	PART is part of Alzheimer disease. Acta Neuropathologica, 2015, 129, 749-756.	3.9	256
16	Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). Acta Neuropathologica, 2014, 127, 423-439.	3.9	237
17	Where, when, and in what form does sporadic AlzheimerÊ¼s disease begin?. Current Opinion in Neurology, 2012, 25, 708-714.	1.8	202
18	Diffusion tensor imaging analysis of sequential spreading of disease in amyotrophic lateral sclerosis confirms patterns of TDP-43 pathology. Brain, 2014, 137, 1733-1740.	3.7	179

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19	Tau seeding activity begins in the transentorhinal/entorhinal regions and anticipates phospho-tau pathology in Alzheimerâ€™s disease and PART. Acta Neuropathologica, 2018, 136, 57-67.	3.9	173
20	Hypothesis: Tau pathology is an initiating factor in sporadic Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 115-124.	0.4	169
21	Hot-spot KIF5A mutations cause familial ALS. Brain, 2018, 141, 688-697.	3.7	167
22	Cortical influences drive amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 917-924.	0.9	152
23	Spinal cord lesions in sporadic Parkinsonâ€™s disease. Acta Neuropathologica, 2012, 124, 643-664.	3.9	130
24	Intraneuronal tau aggregation precedes diffuse plaque deposition, but amyloid-Î² changes occur before increases of tau in cerebrospinal fluid. Acta Neuropathologica, 2013, 126, 631-641.	3.9	125
25	Potential Pathways of Abnormal Tau and Î±-Synuclein Dissemination in Sporadic Alzheimer's and Parkinson's Diseases. Cold Spring Harbor Perspectives in Biology, 2016, 8, a023630.	2.3	101
26	Topical Review: Functional Anatomy of Human Hippocampal Formation and Related Structures. Journal of Child Neurology, 1996, 11, 265-275.	0.7	100
27	Spreading of Tau Pathology in Sporadic Alzheimerâ€™s Disease Along Cortico-cortical Top-Down Connections. Cerebral Cortex, 2018, 28, 3372-3384.	1.6	91
28	Alzheimer's disease: Pathogenesis and prevention. Alzheimer's and Dementia, 2012, 8, 227-233.	0.4	87
29	Are cases with tau pathology occurring in the absence of AÎ² deposits part of the AD-related pathological process?. Acta Neuropathologica, 2014, 128, 767-772.	3.9	83
30	Characterization of tau prion seeding activity and strains from formaldehyde-fixed tissue. Acta Neuropathologica Communications, 2017, 5, 41.	2.4	78
31	Imaging the pathoanatomy of amyotrophic lateral sclerosis in vivo: targeting a propagation-based biological marker. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 374-381.	0.9	74
32	Pathological TDP-43 changes in Betz cells differ from those in bulbar and spinal Î±-motoneurons in sporadic amyotrophic lateral sclerosis. Acta Neuropathologica, 2017, 133, 79-90.	3.9	68
33	Microglial activation occurs late during preclinical Alzheimer's disease. Glia, 2018, 66, 2550-2562.	2.5	61
34	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. Acta Neuropathologica, 2010, 120, 67-74.	3.9	58
35	Neuroanatomy and pathology of sporadic Alzheimer's disease. Advances in Anatomy, Embryology and Cell Biology, 2015, 215, 1-162.	1.0	57
36	Cognitive phenotypes of sequential staging in amyotrophic lateral sclerosis. Cortex, 2018, 101, 163-171.	1.1	46

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37	Pathological Changes in the Parahippocampal Region in Select Nonâ€Alzheimer's Dementias. Annals of the New York Academy of Sciences, 2000, 911, 221-239.	1.8	43
38	To stage, or not to stage. Current Opinion in Neurobiology, 2020, 61, 10-22.	2.0	37
39	Evolutional Aspects of Alzheimer's Disease Pathogenesis. Journal of Alzheimer's Disease, 2012, 33, S155-S161.	1.2	34
40	Endothelial damage, vascular bagging and remodeling of the microvascular bed in human microangiopathy with deep white matter lesions. Acta Neuropathologica Communications, 2018, 6, 128.	2.4	33
41	Anterior Cingulate Cortex TDP-43 Pathology in Sporadic Amyotrophic Lateral Sclerosis. Journal of Neuropathology and Experimental Neurology, 2018, 77, 74-83.	0.9	31
42	Neurofibrillary pathology in the human paraventricular and supraoptic nuclei. Acta Neuropathologica, 1997, 94, 99-102.	3.9	29
43	Reply: the early pathological process in sporadic Alzheimerâ€™s disease. Acta Neuropathologica, 2013, 126, 615-618.	3.9	29
44	Longitudinal brain atrophy distribution in advanced Parkinson's disease: What makes the difference in â€œcognitive statusâ€•converters?. Human Brain Mapping, 2020, 41, 1416-1434.	1.9	28
45	Nerve cells immunoreactive for p62 in select hypothalamic and brainstem nuclei of controls and Parkinsonâ€™s disease cases. Journal of Neural Transmission, 2011, 118, 809-819.	1.4	25
46	From the Entorhinal Region via the Prosubiculum to the Dentate Fascia: Alzheimer Disease-Related Neurofibrillary Changes in the Temporal Allocortex. Journal of Neuropathology and Experimental Neurology, 2020, 79, 163-175.	0.9	24
47	Pattern of paresis in ALS is consistent with the physiology of the corticomotoneuronal projections to different muscle groups. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 991-998.	0.9	24
48	Corticoefferent pathology distribution in amyotrophic lateral sclerosis: in vivo evidence from a meta-analysis of diffusion tensor imaging data. Scientific Reports, 2018, 8, 15389.	1.6	23
49	Improved method facilitates reliable APOE genotyping of genomic DNA extracted from formaldehyde-fixed pathology specimens. Journal of Neuroscience Methods, 1998, 79, 229-231.	1.3	22
50	Age-related appearance of dendritic inclusions in catecholaminergic brainstem neurons. Neurobiology of Aging, 2013, 34, 286-297.	1.5	19
51	Paraffin sections of 70â€“100Î¼m: A novel technique and its benefits for studying the nervous system. Journal of Neuroscience Methods, 2013, 215, 241-244.	1.3	19
52	Anatomic survey of seeding in Alzheimerâ€™s disease brains reveals unexpected patterns. Acta Neuropathologica Communications, 2021, 9, 164.	2.4	17
53	Histological correlates of postmortem ultra-high-resolution single-section MRI in cortical cerebral microinfarcts. Acta Neuropathologica Communications, 2020, 8, 33.	2.4	16
54	Fabry Disease With Concomitant Lewy Body Disease. Journal of Neuropathology and Experimental Neurology, 2020, 79, 378-392.	0.9	16

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55	Seeding Propensity and Characteristics of Pathogenic Î±Syn Assemblies in Formalin-Fixed Human Tissue from the Enteric Nervous System, Olfactory Bulb, and Brainstem in Cases Staged for Parkinsonâ€™s Disease. Cells, 2021, 10, 139.	1.8	16
56	Two histological methods for recognition and study of cortical microinfarcts in thick sections. European Journal of Histochemistry, 2018, 62, .	0.6	14
57	Longitudinal Diffusion Tensor Imaging Resembles Patterns of Pathology Progression in Behavioral Variant Frontotemporal Dementia (bvFTD). Frontiers in Aging Neuroscience, 2018, 10, 47.	1.7	13
58	Structural correlates and cellular mechanisms in entorhinalâ€”hippocampal dysfunction. Hippocampus, 1993, 3, 293-301.	0.9	10
59	Top-Down Projections Direct the Gradual Progression of Alzheimer-Related Tau Pathology Throughout the Neocortex. Advances in Experimental Medicine and Biology, 2019, 1184, 291-303.	0.8	10
60	Clinicoanatomical substrates of selfish behaviour in amyotrophic lateral sclerosis â€“ An observational cohort study. Cortex, 2022, 146, 261-270.	1.1	8
61	Argyrophilic Grain Disease. , 0, , 165-170.		6
62	Involvement of cortico-efferent tracts in flail arm syndrome: a tract-of-interest-based DTI study. Journal of Neurology, 2022, 269, 2619-2626.	1.8	5
63	A comparative study of preâ€alpha islands in the entorhinal cortex from selected primates and in lissencephaly. Journal of Comparative Neurology, 2022, 530, 683-704.	0.9	3
64	Reply: Adult-onset distal spinal muscular atrophy: a new phenotype associated with KIF5A mutations. Brain, 2019, 142, e67-e67.	3.7	1