Thor D Stein

List of Publications by Year in descending order

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61984 27406 12,123 125 43 106 citations h-index g-index papers 139 139 139 10705 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Genome-wide association study and functional validation implicates JADE1 in tauopathy. Acta Neuropathologica, 2022, 143, 33-53.	7.7	19
2	Association Between Antemortem FLAIR White Matter Hyperintensities and Neuropathology in Brain Donors Exposed to Repetitive Head Impacts. Neurology, 2022, 98, .	1.1	14
3	Tau phosphorylation sites serine202 and serine396 are differently altered in chronic traumatic encephalopathy and Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 1511-1522.	0.8	22
4	Plasma pâ€ŧau ₁₈₁ shows stronger network association to Alzheimer's disease dementia than neurofilament light and total tau. Alzheimer's and Dementia, 2022, 18, 1523-1536.	0.8	18
5	A comparison between tau and amyloid- \hat{l}^2 cerebrospinal fluid biomarkers in chronic traumatic encephalopathy and Alzheimer disease. Alzheimer's Research and Therapy, 2022, 14, 28.	6.2	16
6	Interface astrogliosis in contact sport head impacts and military blast exposure. Acta Neuropathologica Communications, 2022, 10, 52.	5.2	8
7	Trajectories of Cognitive Decline in Brain Donors With Autopsy-Confirmed Alzheimer Disease and Cerebrovascular Disease. Neurology, 2022, 98, .	1.1	10
8	Ante-mortem plasma phosphorylated tau (181) predicts Alzheimer's disease neuropathology and regional tau at autopsy. Brain, 2022, 145, 3546-3557.	7.6	15
9	Utility of the <scp>ALSFRSâ€R</scp> for predicting <scp>ALS</scp> and comorbid disease neuropathology: The Veterans Affairs Biorepository Brain Bank. Muscle and Nerve, 2022, , .	2.2	O
10	MicroRNA Alterations in Chronic Traumatic Encephalopathy and Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2022, 16 , .	2.8	8
11	Association of <i>APOE</i> Genotypes and Chronic Traumatic Encephalopathy. JAMA Neurology, 2022, 79, 787.	9.0	27
12	Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Neuron, 2021, 109, 448-460.e4.	8.1	56
13	Glioblastoma and malignant melanoma: Serendipitous or anticipated association?. Neuropathology, 2021, 41, 65-71.	1.2	4
14	Putative dendritic correlates of chronic traumatic encephalopathy: A preliminary quantitative Golgi exploration. Journal of Comparative Neurology, 2021, 529, 1308-1326.	1.6	6
15	Early Selective Vulnerability of the CA2 Hippocampal Subfield in Primary Age-Related Tauopathy. Journal of Neuropathology and Experimental Neurology, 2021, 80, 102-111.	1.7	35
16	The Second NINDS/NIBIB Consensus Meeting to Define Neuropathological Criteria for the Diagnosis of Chronic Traumatic Encephalopathy. Journal of Neuropathology and Experimental Neurology, 2021, 80, 210-219.	1.7	111
17	Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. Translational Psychiatry, 2021, 11, 250.	4.8	29
18	Cytokine Levels in Human Vitreous in Proliferative Diabetic Retinopathy. Cells, 2021, 10, 1069.	4.1	23

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19	Validity of the 2014 traumatic encephalopathy syndrome criteria for CTE pathology. Alzheimer's and Dementia, 2021, 17, 1709-1724.	0.8	41
20	Altered oligodendroglia and astroglia in chronic traumatic encephalopathy. Acta Neuropathologica, 2021, 142, 295-321.	7.7	26
21	Traumatic injury compromises nucleocytoplasmic transport and leads to TDP-43 pathology. ELife, 2021, 10, .	6.0	33
22	Tau isoforms are differentially expressed across the hippocampus in chronic traumatic encephalopathy and Alzheimer's disease. Acta Neuropathologica Communications, 2021, 9, 86.	5.2	38
23	Protein and Imaging Biomarkers in the Eye for Early Detection of Alzheimer's Disease. Journal of Alzheimer's Disease Reports, 2021, 5, 375-387.	2.2	10
24	A proteomic network approach resolves stage-specific molecular phenotypes in chronic traumatic encephalopathy. Molecular Neurodegeneration, 2021, 16, 40.	10.8	4
25	Predictors of cognitive impairment in primary age-related tauopathy: an autopsy study. Acta Neuropathologica Communications, 2021, 9, 134.	5.2	32
26	Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE $\hat{l}\mu 2$ protective effect in Alzheimer disease. Molecular Psychiatry, 2021, 26, 6054-6064.	7.9	27
27	Monomeric Câ€reactive protein via endothelial CD31 for neurovascular inflammation in an ApoE genotypeâ€dependent pattern: A risk factor for Alzheimer's disease?. Aging Cell, 2021, 20, e13501.	6.7	25
28	The Department of Veterans Affairs Gulf War Veterans' Illnesses Biorepository: Supporting Research on Gulf War Veterans' Illnesses. Brain Sciences, 2021, 11, 1349.	2.3	2
29	Authors' Response. Journal of Neuropathology and Experimental Neurology, 2021, 80, 1008-1010.	1.7	8
30	Re: The Second NINDS/NIBIB Consensus Meeting to Define Neuropathological Criteria for the Diagnosis of Chronic Traumatic Encephalopathy. J Neuropathol Exp Neurol 2021;80(3):210–9. Journal of Neuropathology and Experimental Neurology, 2021, 80, 1007-1008.	1.7	3
31	Differential gene expression in the cortical sulcus compared to the gyral crest within the early stages of chronic traumatic encephalopathy. Free Neuropathology, 2021, 2, .	3.0	1
32	Incidence of and Mortality From Amyotrophic Lateral Sclerosis in National Football League Athletes. JAMA Network Open, 2021, 4, e2138801.	5.9	35
33	Structural MRI profiles and tau correlates of atrophy in autopsy-confirmed CTE. Alzheimer's Research and Therapy, 2021, 13, 193.	6.2	22
34	Alzheimer's disease heterogeneity explained by polygenic risk scores based on brain transcriptomic profiles. Alzheimer's and Dementia, 2021, 17, .	0.8	0
35	A comparison between tau and amyloidâ€b cerebrospinal fluid biomarkers in chronic traumatic encephalopathy and Alzheimer disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
36	Domain specific cognitive functions predict neuropathological traits in the Framingham Heart Study Alzheimer's and Dementia, 2021, 17 Suppl 3, e054249.	0.8	0

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37	The relationship between first-degree family history of dementia, tau pathology and functional impairment among brain donors at risk for chronic traumatic encephalopathy Alzheimer's and Dementia, 2021, 17 Suppl 3, e056349.	0.8	0
38	Duration of American Football Play and Chronic Traumatic Encephalopathy. Annals of Neurology, 2020, 87, 116-131.	5.3	136
39	Loss of MINAR2 impairs motor function and causes Parkinson's disease-like symptoms in mice. Brain Communications, 2020, 2, fcaa047.	3.3	6
40	Revised Framingham Stroke Risk Profile: Association with Cognitive Status and MRI-Derived Volumetric Measures. Journal of Alzheimer's Disease, 2020, 78, 1393-1408.	2.6	4
41	CCL2 is associated with microglia and macrophage recruitment in chronic traumatic encephalopathy. Journal of Neuroinflammation, 2020, 17, 370.	7.2	40
42	Characterizing tau deposition in chronic traumatic encephalopathy (CTE): utility of the McKee CTE staging scheme. Acta Neuropathologica, 2020, 140, 495-512.	7.7	66
43	Practical Considerations in the Diagnosis of Mild Chronic Traumatic Encephalopathy and Distinction From Age-Related Tau Astrogliopathy. Journal of Neuropathology and Experimental Neurology, 2020, 79, 921-924.	1.7	12
44	Reply to "Chronic Traumatic Encephalopathy and Primary Ageâ€Related Tauopathy― Annals of Neurology, 2020, 88, 1052-1053.	5.3	2
45	Association of probable REM sleep behavior disorder with pathology and years of contact sports play in chronic traumatic encephalopathy. Acta Neuropathologica, 2020, 140, 851-862.	7.7	19
46	Neurofilament light chain in the vitreous humor of the eye. Alzheimer's Research and Therapy, 2020, 12, 111.	6.2	13
47	Epigenome signatures landscaped by histone H3K9me3 are associated with the synaptic dysfunction in Alzheimer's disease. Aging Cell, 2020, 19, e13153.	6.7	53
48	A longitudinal examination of plasma neurofilament light and total tau for the clinical detection and monitoring of Alzheimer's disease. Neurobiology of Aging, 2020, 94, 60-70.	3.1	35
49	Alterations of transcriptome signatures in head trauma-related neurodegenerative disorders. Scientific Reports, 2020, 10, 8811.	3.3	14
50	Evolution of neuronal and glial tau isoforms in chronic traumatic encephalopathy. Brain Pathology, 2020, 30, 913-925.	4.1	38
51	Late contributions of repetitive head impacts and TBI to depression symptoms and cognition. Neurology, 2020, 95, e793-e804.	1.1	37
52	Chronic Traumatic Encephalopathy and Neuropathological Comorbidities. Seminars in Neurology, 2020, 40, 384-393.	1.4	10
53	Neuropathological profile of longâ€duration amyotrophic lateral sclerosis in military Veterans. Brain Pathology, 2020, 30, 1028-1040.	4.1	15
54	Associations between brain inflammatory profiles and human neuropathology are altered based on apolipoprotein E ε4 genotype. Scientific Reports, 2020, 10, 2924.	3.3	40

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55	Association of White Matter Rarefaction, Arteriolosclerosis, and Tau With Dementia in Chronic Traumatic Encephalopathy. JAMA Neurology, 2019, 76, 1298.	9.0	67
56	Independent effects of white matter hyperintensities on cognitive, neuropsychiatric, and functional decline: a longitudinal investigation using the National Alzheimer's Coordinating Center Uniform Data Set. Alzheimer's Research and Therapy, 2019, 11, 64.	6.2	47
57	Midâ€life and lateâ€life vascular risk factor burden and neuropathology in old age. Annals of Clinical and Translational Neurology, 2019, 6, 2403-2412.	3.7	18
58	Upregulation of Lysyl Oxidase Expression in Vitreous of Diabetic Subjects: Implications for Diabetic Retinopathy. Cells, 2019, 8, 1122.	4.1	13
59	Contact sport participation and chronic traumatic encephalopathy are associated with altered severity and distribution of cerebral amyloid angiopathy. Acta Neuropathologica, 2019, 138, 401-413.	7.7	26
60	Failure to detect an association between selfâ€reported traumatic brain injury and Alzheimer's disease neuropathology and dementia. Alzheimer's and Dementia, 2019, 15, 686-698.	0.8	52
61	Association of Cognitive Function with Amyloid- \hat{l}^2 and Tau Proteins in the Vitreous Humor. Journal of Alzheimer's Disease, 2019, 68, 1429-1438.	2.6	22
62	Artificial intelligence in neuropathology: deep learning-based assessment of tauopathy. Laboratory Investigation, 2019, 99, 1019-1029.	3.7	79
63	Cortical degeneration in chronic traumatic encephalopathy and Alzheimer's disease neuropathologic change. Neurological Sciences, 2019, 40, 529-533.	1.9	10
64	Reduced interleukin 1A gene expression in the dorsolateral prefrontal cortex of individuals with PTSD and depression. Neuroscience Letters, 2019, 692, 204-209.	2.1	30
65	Gene Profiling of Nucleus Basalis Tau Containing Neurons in Chronic Traumatic Encephalopathy: A Chronic Effects of Neurotrauma Consortium Study. Journal of Neurotrauma, 2018, 35, 1260-1271.	3.4	21
66	Concussion, microvascular injury, and early tauopathy in young athletes after impact head injury and an impact concussion mouse model. Brain, 2018, 141, 422-458.	7.6	315
67	Characterization of Detergent Insoluble Proteome in Chronic Traumatic Encephalopathy. Journal of Neuropathology and Experimental Neurology, 2018, 77, 40-49.	1.7	19
68	Common proteomic profiles of induced pluripotent stem cell-derived three-dimensional neurons and brain tissue from Alzheimer patients. Journal of Proteomics, 2018, 182, 21-33.	2.4	40
69	Age of first exposure to tackle football and chronic traumatic encephalopathy. Annals of Neurology, 2018, 83, 886-901.	5. 3	106
70	Pathology of Chronic Traumatic Encephalopathy. , 2018, , 19-38.		2
71	Comorbid Pathology in Chronic Traumatic Encephalopathy. , 2018, , 91-99.		0
72	The neuropathology of chronic traumatic encephalopathy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 158, 297-307.	1.8	66

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73	Chronic Traumatic Encephalopathy Within an Amyotrophic Lateral Sclerosis Brain Bank Cohort. Journal of Neuropathology and Experimental Neurology, 2018, 77, 1091-1100.	1.7	32
74	Variation in TMEM106B in chronic traumatic encephalopathy. Acta Neuropathologica Communications, 2018, 6, 115.	5.2	38
75	Association of Chronic Low-grade Inflammation With Risk of Alzheimer Disease in <i>ApoE4</i> Carriers. JAMA Network Open, 2018, 1, e183597.	5.9	145
76	Astrocytic degeneration in chronic traumatic encephalopathy. Acta Neuropathologica, 2018, 136, 955-972.	7.7	51
77	A Clinicopathological Investigation of White Matter Hyperintensities and Alzheimer's Disease Neuropathology. Journal of Alzheimer's Disease, 2018, 63, 1347-1360.	2.6	55
78	Cerebrospinal fluid tau, $\hat{Al^2}$, and sTREM2 in Former National Football League Players: Modeling the relationship between repetitive head impacts, microglial activation, and neurodegeneration. Alzheimer's and Dementia, 2018, 14, 1159-1170.	0.8	96
79	Lewy Body Pathology and Chronic Traumatic Encephalopathy Associated With Contact Sports. Journal of Neuropathology and Experimental Neurology, 2018, 77, 757-768.	1.7	74
80	Axonal disruption in white matter underlying cortical sulcus tau pathology in chronic traumatic encephalopathy. Acta Neuropathologica, 2017, 133, 367-380.	7.7	62
81	Transcriptome analyses of chronic traumatic encephalopathy show alterations in protein phosphatase expression associated with tauopathy. Experimental and Molecular Medicine, 2017, 49, e333-e333.	7.7	41
82	Amylin receptor ligands reduce the pathological cascade of Alzheimer's disease. Neuropharmacology, 2017, 119, 170-181.	4.1	34
83	Quantitative validation of a nonlinear histology-MRI coregistration method using generalized Q-sampling imaging in complex human cortical white matter. NeuroImage, 2017, 153, 152-167.	4.2	31
84	Clinicopathological Evaluation of Chronic Traumatic Encephalopathy in Players of American Football. JAMA - Journal of the American Medical Association, 2017, 318, 360.	7.4	771
85	Altered metabotropic glutamate receptor 5 markers in PTSD: In vivo and postmortem evidence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8390-8395.	7.1	107
86	Cognitive Reserve as a Modifier of Clinical Expression in Chronic Traumatic Encephalopathy: A Preliminary Examination. Journal of Neuropsychiatry and Clinical Neurosciences, 2017, 29, 6-12.	1.8	32
87	[P3–127]: CONCUSSION, MICROVASCULAR INJURY, AND EARLY TAUOPATHY IN YOUNG ATHLETES AFTER IMPACT HEAD INJURY AND AN IMPACT CONCUSSION MOUSE MODE. Alzheimer's and Dementia, 2017, 13, P983.	0.8	0
88	CCL11 is increased in the CNS in chronic traumatic encephalopathy but not in Alzheimer's disease. PLoS ONE, 2017, 12, e0185541.	2.5	56
89	P2â€055: Early Chronic Traumatic Encephalopathy in Young Athletes After Concussive Closedâ€Head Impact Injury and Mouse Model of Impact Concussion. Alzheimer's and Dementia, 2016, 12, P628.	0.8	0
90	P3-297: CVD is Pathologically Associated with Greater Alzheimer's Disease in Non-Demented Older Adults., 2016, 12, P954-P955.		0

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91	The Role of Substance P in Pulmonary Clearance of Bacteria in Comparative Injury Models. American Journal of Pathology, 2016, 186, 3236-3245.	3.8	8
92	Progression of tau pathology within cholinergic nucleus basalis neurons in chronic traumatic encephalopathy: A chronic effects of neurotrauma consortium study. Brain Injury, 2016, 30, 1399-1413.	1.2	21
93	Microglial neuroinflammation contributes to tau accumulation in chronic traumatic encephalopathy. Acta Neuropathologica Communications, 2016, 4, 112.	5.2	206
94	Characterization of Early Pathological Tau Conformations and Phosphorylation in Chronic Traumatic Encephalopathy. Journal of Neuropathology and Experimental Neurology, 2016, 75, 19-34.	1.7	86
95	Potential Long-Term Consequences of Concussive and Subconcussive Injury. Physical Medicine and Rehabilitation Clinics of North America, 2016, 27, 503-511.	1.3	61
96	The first NINDS/NIBIB consensus meeting to define neuropathological criteria for the diagnosis of chronic traumatic encephalopathy. Acta Neuropathologica, 2016, 131, 75-86.	7.7	708
97	Pathologically Confirmed Chronic Traumatic Encephalopathy in a 25-Year-Old Former College Football Player. JAMA Neurology, 2016, 73, 353.	9.0	39
98	Assessing clinicopathological correlation in chronic traumatic encephalopathy: rationale and methods for the UNITE study. Alzheimer's Research and Therapy, 2015, 7, 62.	6.2	99
99	The Neuropathology of Chronic Traumatic Encephalopathy. Brain Pathology, 2015, 25, 350-364.	4.1	411
100	P2-034: Mechanistic pathobiology of acute concussion, traumatic brain injury, and chronic traumatic encephalopathy in mouse models of blast neurotrauma and impact concussion. , 2015, 11, P494-P494.		0
101	O5-03-06: The unite study: Understanding chronic traumatic encephalopathy through clinico-pathological correlation - methods and instructive cases. , 2015, 11, P321-P321.		0
102	Chronic Traumatic Encephalopathy: Historical Origins and Current Perspective. Annual Review of Clinical Psychology, 2015, 11, 309-330.	12.3	92
103	Beta-amyloid deposition in chronic traumatic encephalopathy. Acta Neuropathologica, 2015, 130, 21-34.	7.7	234
104	Post-traumatic neurodegeneration and chronic traumatic encephalopathy. Molecular and Cellular Neurosciences, 2015, 66, 81-90.	2.2	108
105	Diagnostic value of lobar microbleeds in individuals without intracerebral hemorrhage. Alzheimer's and Dementia, 2015, 11, 1480-1488.	0.8	119
106	Concussion in Chronic Traumatic Encephalopathy. Current Pain and Headache Reports, 2015, 19, 47.	2.9	129
107	The neuropathology of sport. Acta Neuropathologica, 2014, 127, 29-51.	7.7	348
108	Primary age-related tauopathy (PART): a common pathology associated with human aging. Acta Neuropathologica, 2014, 128, 755-766.	7.7	1,060

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109	Chronic traumatic encephalopathy: a spectrum of neuropathological changes following repetitive brain trauma in athletes and military personnel. Alzheimer's Research and Therapy, 2014, 6, 4.	6.2	195
110	A 34‥earâ€Old Man with Bitemporal Hemianopsia. Brain Pathology, 2014, 24, 107-110.	4.1	4
111	Dissecting phenotypic traits linked to human resilience to Alzheimer's pathology. Brain, 2013, 136, 2510-2526.	7.6	294
112	The spectrum of disease in chronic traumatic encephalopathy. Brain, 2013, 136, 43-64.	7.6	1,690
113	Clinical presentation of chronic traumatic encephalopathy. Neurology, 2013, 81, 1122-1129.	1.1	459
114	The Department of Veterans Affairs Biorepository Brain Bank: A national resource for amyotrophic lateral sclerosis research. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 591-597.	1.7	15
115	Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model. Science Translational Medicine, 2012, 4, 134ra60.	12.4	684
116	Entorhinal verrucae geometry is coincident and correlates with Alzheimer's lesions: a combined neuropathology and high-resolution ex vivo MRI analysis. Acta Neuropathologica, 2012, 123, 85-96.	7.7	21
117	Case 40-2011. New England Journal of Medicine, 2011, 365, 2520-2530.	27.0	9
118	Pathological mechanism of lumbar disc herniation resulting in neurogenic muscle hypertrophy. Journal of Clinical Neuroscience, 2011, 18, 1682-1684.	1.5	6
119	Nrf2, a multiâ€organ protector?. FASEB Journal, 2005, 19, 1061-1066.	0.5	468
120	Neutralization of Transthyretin Reverses the Neuroprotective Effects of Secreted Amyloid Precursor Protein (APP) in APP _{Sw} Mice Resulting in Tau Phosphorylation and Loss of Hippocampal Neurons: Support for the Amyloid Hypothesis. Journal of Neuroscience, 2004, 24, 7707-7717.	3.6	243
121	Genetic dissection of systemic autoimmune disease in Nrf2-deficient mice. Physiological Genomics, 2004, 18, 261-272.	2.3	136
122	Genetic Programming by the Proteolytic Fragments of the Amyloid Precursor Protein: Somewhere Between Confusion and Clarity. Reviews in the Neurosciences, 2003, 14, 317-41.	2.9	23
123	Circulating Autoantibodies Recognize and Bind Dying Neurons Following Injury to the Brain. Journal of Neuropathology and Experimental Neurology, 2002, 61, 1100-1108.	1.7	43
124	Lack of Neurodegeneration in Transgenic Mice Overexpressing Mutant Amyloid Precursor Protein Is Associated with Increased Levels of Transthyretin and the Activation of Cell Survival Pathways. Journal of Neuroscience, 2002, 22, 7380-7388.	3.6	265
125	Effect of 6-fluoro-m-tyrosine on dopamine release and metabolism in rat striatum using in vivo microdialysis. Brain Research, 2000, 884, 192-195.	2.2	0