

Thor D Stein

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

12,123
citations

71004

43
h-index

31191

106
g-index

139
all docs

139
docs citations

139
times ranked

11788
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study and functional validation implicates JADE1 in tauopathy. <i>Acta Neuropathologica</i> , 2022, 143, 33-53.	3.9	19
2	Association Between Antemortem FLAIR White Matter Hyperintensities and Neuropathology in Brain Donors Exposed to Repetitive Head Impacts. <i>Neurology</i> , 2022, 98, .	1.5	14
3	Tau phosphorylation sites serine202 and serine396 are differently altered in chronic traumatic encephalopathy and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 1511-1522.	0.4	22
4	Plasma p-tau ₁₈₁ shows stronger network association to Alzheimer's disease dementia than neurofilament light and total tau. <i>Alzheimer's and Dementia</i> , 2022, 18, 1523-1536.	0.4	18
5	A comparison between tau and amyloid- β^2 cerebrospinal fluid biomarkers in chronic traumatic encephalopathy and Alzheimer disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 28.	3.0	16
6	Interface astrogliosis in contact sport head impacts and military blast exposure. <i>Acta Neuropathologica Communications</i> , 2022, 10, 52.	2.4	8
7	Trajectories of Cognitive Decline in Brain Donors With Autopsy-Confirmed Alzheimer Disease and Cerebrovascular Disease. <i>Neurology</i> , 2022, 98, .	1.5	10
8	Ante-mortem plasma phosphorylated tau (181) predicts Alzheimer's disease neuropathology and regional tau at autopsy. <i>Brain</i> , 2022, 145, 3546-3557.	3.7	15
9	Utility of the <sc>ALSFRS</sc> for predicting <sc>ALS</sc> and comorbid disease neuropathology: The Veterans Affairs Biorepository Brain Bank. <i>Muscle and Nerve</i> , 2022, , .	1.0	0
10	MicroRNA Alterations in Chronic Traumatic Encephalopathy and Amyotrophic Lateral Sclerosis. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	8
11	Association of <i>APOE</i> Genotypes and Chronic Traumatic Encephalopathy. <i>JAMA Neurology</i> , 2022, 79, 787.	4.5	27
12	Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. <i>Neuron</i> , 2021, 109, 448-460.e4.	3.8	56
13	Glioblastoma and malignant melanoma: Serendipitous or anticipated association?. <i>Neuropathology</i> , 2021, 41, 65-71.	0.7	4
14	Putative dendritic correlates of chronic traumatic encephalopathy: A preliminary quantitative Golgi exploration. <i>Journal of Comparative Neurology</i> , 2021, 529, 1308-1326.	0.9	6
15	Early Selective Vulnerability of the CA2 Hippocampal Subfield in Primary Age-Related Tauopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 102-111.	0.9	35
16	The Second NINDS/NIBIB Consensus Meeting to Define Neuropathological Criteria for the Diagnosis of Chronic Traumatic Encephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 210-219.	0.9	111
17	Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. <i>Translational Psychiatry</i> , 2021, 11, 250.	2.4	29
18	Cytokine Levels in Human Vitreous in Proliferative Diabetic Retinopathy. <i>Cells</i> , 2021, 10, 1069.	1.8	23

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19	Validity of the 2014 traumatic encephalopathy syndrome criteria for CTE pathology. <i>Alzheimer's and Dementia</i> , 2021, 17, 1709-1724.	0.4	41
20	Altered oligodendroglia and astroglia in chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2021, 142, 295-321.	3.9	26
21	Traumatic injury compromises nucleocytoplasmic transport and leads to TDP-43 pathology. <i>ELife</i> , 2021, 10, .	2.8	33
22	Tau isoforms are differentially expressed across the hippocampus in chronic traumatic encephalopathy and Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 86.	2.4	38
23	Protein and Imaging Biomarkers in the Eye for Early Detection of Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 375-387.	1.2	10
24	A proteomic network approach resolves stage-specific molecular phenotypes in chronic traumatic encephalopathy. <i>Molecular Neurodegeneration</i> , 2021, 16, 40.	4.4	4
25	Predictors of cognitive impairment in primary age-related tauopathy: an autopsy study. <i>Acta Neuropathologica Communications</i> , 2021, 9, 134.	2.4	32
26	Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE ϵ 2 protective effect in Alzheimer disease. <i>Molecular Psychiatry</i> , 2021, 26, 6054-6064.	4.1	27
27	Monomeric C-reactive protein via endothelial CD31 for neurovascular inflammation in an ApoE genotype-dependent pattern: A risk factor for Alzheimer's disease?. <i>Aging Cell</i> , 2021, 20, e13501.	3.0	25
28	The Department of Veterans Affairs Gulf War Veterans' Illnesses Biorepository: Supporting Research on Gulf War Veterans' Illnesses. <i>Brain Sciences</i> , 2021, 11, 1349.	1.1	2
29	Authors' Response. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 1008-1010.	0.9	8
30	Re: The Second NINDS/NIBIB Consensus Meeting to Define Neuropathological Criteria for the Diagnosis of Chronic Traumatic Encephalopathy. <i>J Neuropathol Exp Neurol</i> 2021;80(3):210-9. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 1007-1008.	0.9	3
31	Differential gene expression in the cortical sulcus compared to the gyral crest within the early stages of chronic traumatic encephalopathy. <i>Free Neuropathology</i> , 2021, 2, .	2.4	1
32	Incidence of and Mortality From Amyotrophic Lateral Sclerosis in National Football League Athletes. <i>JAMA Network Open</i> , 2021, 4, e2138801.	2.8	35
33	Structural MRI profiles and tau correlates of atrophy in autopsy-confirmed CTE. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 193.	3.0	22
34	Alzheimer's disease heterogeneity explained by polygenic risk scores based on brain transcriptomic profiles. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
35	A comparison between tau and amyloid β cerebrospinal fluid biomarkers in chronic traumatic encephalopathy and Alzheimer disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
36	Domain specific cognitive functions predict neuropathological traits in the Framingham Heart Study.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054249.	0.4	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.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e056349.	0.4	0
38	Duration of American Football Play and Chronic Traumatic Encephalopathy. <i>Annals of Neurology</i> , 2020, 87, 116-131.	2.8	136
39	Loss of MINAR2 impairs motor function and causes Parkinsonâ€™s disease-like symptoms in mice. <i>Brain Communications</i> , 2020, 2, fcaa047.	1.5	6
40	Revised Framingham Stroke Risk Profile: Association with Cognitive Status and MRI-Derived Volumetric Measures. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1393-1408.	1.2	4
41	CCL2 is associated with microglia and macrophage recruitment in chronic traumatic encephalopathy. <i>Journal of Neuroinflammation</i> , 2020, 17, 370.	3.1	40
42	Characterizing tau deposition in chronic traumatic encephalopathy (CTE): utility of the McKee CTE staging scheme. <i>Acta Neuropathologica</i> , 2020, 140, 495-512.	3.9	66
43	Practical Considerations in the Diagnosis of Mild Chronic Traumatic Encephalopathy and Distinction From Age-Related Tau Astroglipathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 921-924.	0.9	12
44	Reply to "Chronic Traumatic Encephalopathy and Primary Age-Related Tauopathy". <i>Annals of Neurology</i> , 2020, 88, 1052-1053.	2.8	2
45	Association of probable REM sleep behavior disorder with pathology and years of contact sports play in chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2020, 140, 851-862.	3.9	19
46	Neurofilament light chain in the vitreous humor of the eye. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 111.	3.0	13
47	Epigenome signatures landscaped by histone H3K9me3 are associated with the synaptic dysfunction in Alzheimer's disease. <i>Aging Cell</i> , 2020, 19, e13153.	3.0	53
48	A longitudinal examination of plasma neurofilament light and total tau for the clinical detection and monitoring of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 94, 60-70.	1.5	35
49	Alterations of transcriptome signatures in head trauma-related neurodegenerative disorders. <i>Scientific Reports</i> , 2020, 10, 8811.	1.6	14
50	Evolution of neuronal and glial tau isoforms in chronic traumatic encephalopathy. <i>Brain Pathology</i> , 2020, 30, 913-925.	2.1	38
51	Late contributions of repetitive head impacts and TBI to depression symptoms and cognition. <i>Neurology</i> , 2020, 95, e793-e804.	1.5	37
52	Chronic Traumatic Encephalopathy and Neuropathological Comorbidities. <i>Seminars in Neurology</i> , 2020, 40, 384-393.	0.5	10
53	Neuropathological profile of long-duration amyotrophic lateral sclerosis in military Veterans. <i>Brain Pathology</i> , 2020, 30, 1028-1040.	2.1	15
54	Associations between brain inflammatory profiles and human neuropathology are altered based on apolipoprotein E Î¼4 genotype. <i>Scientific Reports</i> , 2020, 10, 2924.	1.6	40

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55	Association of White Matter Rarefaction, Arteriosclerosis, and Tau With Dementia in Chronic Traumatic Encephalopathy. <i>JAMA Neurology</i> , 2019, 76, 1298.	4.5	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. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 64.	3.0	47
57	Mid-life and late-life vascular risk factor burden and neuropathology in old age. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2403-2412.	1.7	18
58	Upregulation of Lysyl Oxidase Expression in Vitreous of Diabetic Subjects: Implications for Diabetic Retinopathy. <i>Cells</i> , 2019, 8, 1122.	1.8	13
59	Contact sport participation and chronic traumatic encephalopathy are associated with altered severity and distribution of cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2019, 138, 401-413.	3.9	26
60	Failure to detect an association between self-reported traumatic brain injury and Alzheimer's disease neuropathology and dementia. <i>Alzheimer's and Dementia</i> , 2019, 15, 686-698.	0.4	52
61	Association of Cognitive Function with Amyloid- β^2 and Tau Proteins in the Vitreous Humor. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1429-1438.	1.2	22
62	Artificial intelligence in neuropathology: deep learning-based assessment of tauopathy. <i>Laboratory Investigation</i> , 2019, 99, 1019-1029.	1.7	79
63	Cortical degeneration in chronic traumatic encephalopathy and Alzheimer's disease neuropathologic change. <i>Neurological Sciences</i> , 2019, 40, 529-533.	0.9	10
64	Reduced interleukin 1A gene expression in the dorsolateral prefrontal cortex of individuals with PTSD and depression. <i>Neuroscience Letters</i> , 2019, 692, 204-209.	1.0	30
65	Gene Profiling of Nucleus Basalis Tau Containing Neurons in Chronic Traumatic Encephalopathy: A Chronic Effects of Neurotrauma Consortium Study. <i>Journal of Neurotrauma</i> , 2018, 35, 1260-1271.	1.7	21
66	Concussion, microvascular injury, and early tauopathy in young athletes after impact head injury and an impact concussion mouse model. <i>Brain</i> , 2018, 141, 422-458.	3.7	315
67	Characterization of Detergent Insoluble Proteome in Chronic Traumatic Encephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 40-49.	0.9	19
68	Common proteomic profiles of induced pluripotent stem cell-derived three-dimensional neurons and brain tissue from Alzheimer patients. <i>Journal of Proteomics</i> , 2018, 182, 21-33.	1.2	40
69	Age of first exposure to tackle football and chronic traumatic encephalopathy. <i>Annals of Neurology</i> , 2018, 83, 886-901.	2.8	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. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 158, 297-307.	1.0	66

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73	Chronic Traumatic Encephalopathy Within an Amyotrophic Lateral Sclerosis Brain Bank Cohort. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 1091-1100.	0.9	32
74	Variation in TMEM106B in chronic traumatic encephalopathy. <i>Acta Neuropathologica Communications</i> , 2018, 6, 115.	2.4	38
75	Association of Chronic Low-grade Inflammation With Risk of Alzheimer Disease in <i>ApoE4</i> Carriers. <i>JAMA Network Open</i> , 2018, 1, e183597.	2.8	145
76	Astrocytic degeneration in chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2018, 136, 955-972.	3.9	51
77	A Clinicopathological Investigation of White Matter Hyperintensities and Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1347-1360.	1.2	55
78	Cerebrospinal fluid tau, A β 2, and sTREM2 in Former National Football League Players: Modeling the relationship between repetitive head impacts, microglial activation, and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2018, 14, 1159-1170.	0.4	96
79	Lewy Body Pathology and Chronic Traumatic Encephalopathy Associated With Contact Sports. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 757-768.	0.9	74
80	Axonal disruption in white matter underlying cortical sulcus tau pathology in chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2017, 133, 367-380.	3.9	62
81	Transcriptome analyses of chronic traumatic encephalopathy show alterations in protein phosphatase expression associated with tauopathy. <i>Experimental and Molecular Medicine</i> , 2017, 49, e333-e333.	3.2	41
82	Amylin receptor ligands reduce the pathological cascade of Alzheimer's disease. <i>Neuropharmacology</i> , 2017, 119, 170-181.	2.0	34
83	Quantitative validation of a nonlinear histology-MRI coregistration method using generalized Q-sampling imaging in complex human cortical white matter. <i>NeuroImage</i> , 2017, 153, 152-167.	2.1	31
84	Clinicopathological Evaluation of Chronic Traumatic Encephalopathy in Players of American Football. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 360.	3.8	771
85	Altered metabotropic glutamate receptor 5 markers in PTSD: In vivo and postmortem evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8390-8395.	3.3	107
86	Cognitive Reserve as a Modifier of Clinical Expression in Chronic Traumatic Encephalopathy: A Preliminary Examination. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017, 29, 6-12.	0.9	32
87	[P3 β 127]: CONCUSSION, MICROVASCULAR INJURY, AND EARLY TAUOPATHY IN YOUNG ATHLETES AFTER IMPACT HEAD INJURY AND AN IMPACT CONCUSSION MOUSE MODEL. <i>Alzheimer's and Dementia</i> , 2017, 13, P983.	0.4	0
88	CCL11 is increased in the CNS in chronic traumatic encephalopathy but not in Alzheimer's disease. <i>PLoS ONE</i> , 2017, 12, e0185541.	1.1	56
89	P2 β 055: Early Chronic Traumatic Encephalopathy in Young Athletes After Concussive Closed-Head Impact Injury and Mouse Model of Impact Concussion. <i>Alzheimer's and Dementia</i> , 2016, 12, P628.	0.4	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. <i>American Journal of Pathology</i> , 2016, 186, 3236-3245.	1.9	8
92	Progression of tau pathology within cholinergic nucleus basalis neurons in chronic traumatic encephalopathy: A chronic effects of neurotrauma consortium study. <i>Brain Injury</i> , 2016, 30, 1399-1413.	0.6	21
93	Microglial neuroinflammation contributes to tau accumulation in chronic traumatic encephalopathy. <i>Acta Neuropathologica Communications</i> , 2016, 4, 112.	2.4	206
94	Characterization of Early Pathological Tau Conformations and Phosphorylation in Chronic Traumatic Encephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 19-34.	0.9	86
95	Potential Long-Term Consequences of Concussive and Subconcussive Injury. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2016, 27, 503-511.	0.7	61
96	The first NINDS/NIBIB consensus meeting to define neuropathological criteria for the diagnosis of chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2016, 131, 75-86.	3.9	708
97	Pathologically Confirmed Chronic Traumatic Encephalopathy in a 25-Year-Old Former College Football Player. <i>JAMA Neurology</i> , 2016, 73, 353.	4.5	39
98	Assessing clinicopathological correlation in chronic traumatic encephalopathy: rationale and methods for the UNITE study. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 62.	3.0	99
99	The Neuropathology of Chronic Traumatic Encephalopathy. <i>Brain Pathology</i> , 2015, 25, 350-364.	2.1	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. <i>Annual Review of Clinical Psychology</i> , 2015, 11, 309-330.	6.3	92
103	Beta-amyloid deposition in chronic traumatic encephalopathy. <i>Acta Neuropathologica</i> , 2015, 130, 21-34.	3.9	234
104	Post-traumatic neurodegeneration and chronic traumatic encephalopathy. <i>Molecular and Cellular Neurosciences</i> , 2015, 66, 81-90.	1.0	108
105	Diagnostic value of lobar microbleeds in individuals without intracerebral hemorrhage. <i>Alzheimer's and Dementia</i> , 2015, 11, 1480-1488.	0.4	119
106	Concussion in Chronic Traumatic Encephalopathy. <i>Current Pain and Headache Reports</i> , 2015, 19, 47.	1.3	129
107	The neuropathology of sport. <i>Acta Neuropathologica</i> , 2014, 127, 29-51.	3.9	348
108	Primary age-related tauopathy (PART): a common pathology associated with human aging. <i>Acta Neuropathologica</i> , 2014, 128, 755-766.	3.9	1,060

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109	Chronic traumatic encephalopathy: a spectrum of neuropathological changes following repetitive brain trauma in athletes and military personnel. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 4.	3.0	195
110	A 34-Year-Old Man with Bitemporal Hemianopsia. <i>Brain Pathology</i> , 2014, 24, 107-110.	2.1	4
111	Dissecting phenotypic traits linked to human resilience to Alzheimer's pathology. <i>Brain</i> , 2013, 136, 2510-2526.	3.7	294
112	The spectrum of disease in chronic traumatic encephalopathy. <i>Brain</i> , 2013, 136, 43-64.	3.7	1,690
113	Clinical presentation of chronic traumatic encephalopathy. <i>Neurology</i> , 2013, 81, 1122-1129.	1.5	459
114	The Department of Veterans Affairs Biorepository Brain Bank: A national resource for amyotrophic lateral sclerosis research. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2013, 14, 591-597.	1.1	15
115	Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model. <i>Science Translational Medicine</i> , 2012, 4, 134ra60.	5.8	684
116	Entorhinal verrucae geometry is coincident and correlates with Alzheimer's lesions: a combined neuropathology and high-resolution ex vivo MRI analysis. <i>Acta Neuropathologica</i> , 2012, 123, 85-96.	3.9	21
117	Case 40-2011. <i>New England Journal of Medicine</i> , 2011, 365, 2520-2530.	13.9	9
118	Pathological mechanism of lumbar disc herniation resulting in neurogenic muscle hypertrophy. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1682-1684.	0.8	6
119	Nrf2, a multi-organ protector?. <i>FASEB Journal</i> , 2005, 19, 1061-1066.	0.2	468
120	Neutralization of Transthyretin Reverses the Neuroprotective Effects of Secreted Amyloid Precursor Protein (APP) in APPSw Mice Resulting in Tau Phosphorylation and Loss of Hippocampal Neurons: Support for the Amyloid Hypothesis. <i>Journal of Neuroscience</i> , 2004, 24, 7707-7717.	1.7	243
121	Genetic dissection of systemic autoimmune disease in Nrf2-deficient mice. <i>Physiological Genomics</i> , 2004, 18, 261-272.	1.0	136
122	Genetic Programming by the Proteolytic Fragments of the Amyloid Precursor Protein: Somewhere Between Confusion and Clarity. <i>Reviews in the Neurosciences</i> , 2003, 14, 317-41.	1.4	23
123	Circulating Autoantibodies Recognize and Bind Dying Neurons Following Injury to the Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002, 61, 1100-1108.	0.9	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. <i>Journal of Neuroscience</i> , 2002, 22, 7380-7388.	1.7	265
125	Effect of 6-fluoro-m-tyrosine on dopamine release and metabolism in rat striatum using in vivo microdialysis. <i>Brain Research</i> , 2000, 884, 192-195.	1.1	0