

# Dietmar R. Thal

## List of Publications by Citations

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219  
papers

18,853  
citations

60  
h-index

135  
g-index

244  
ext. papers

22,560  
ext. citations

7.6  
avg, IF

6.45  
L-index

#	Paper	IF	Citations
219	Phases of A beta-deposition in the human brain and its relevance for the development of AD. <i>Neurology</i> , <b>2002</b> , 58, 1791-800	6.5	1908
218	National Institute on Aging-Alzheimer's Association guidelines for the neuropathologic assessment of Alzheimer's disease: a practical approach. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 1-11	14.3	1425
217	National Institute on Aging-Alzheimer's Association guidelines for the neuropathologic assessment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2012</b> , 8, 1-13	1.2	1396
216	Correlation of Alzheimer disease neuropathologic changes with cognitive status: a review of the literature. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2012</b> , 71, 362-81	3.1	1145
215	Stages of the pathologic process in Alzheimer disease: age categories from 1 to 100 years. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2011</b> , 70, 960-9	3.1	1068
214	Primary age-related tauopathy (PART): a common pathology associated with human aging. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 755-66	14.3	776
213	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 631-6	25.5	522
212	Nonsteroidal anti-inflammatory drugs repress beta-secretase gene promoter activity by the activation of PPARgamma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 443-8	11.5	332
211	Aging-related tau astroglial pathology (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 87-102	14.3	272
210	Staging of neurofibrillary pathology in Alzheimer's disease: a study of the BrainNet Europe Consortium. <i>Brain Pathology</i> , <b>2008</b> , 18, 484-96	6	270
209	Beta-secretase processing of APP inhibits neuronal activity in the hippocampus. <i>Nature</i> , <b>2015</b> , 526, 443-7	50.4	257
208	Sequence of Abeta-protein deposition in the human medial temporal lobe. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 733-48	3.1	248
207	Vascular pathology in Alzheimer disease: correlation of cerebral amyloid angiopathy and arteriosclerosis/lipohyalinosis with cognitive decline. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2003</b> , 62, 1287-301	3.1	247
206	Cerebral amyloid angiopathy and its relationship to Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2008</b> , 115, 599-609	14.3	240
205	Two types of sporadic cerebral amyloid angiopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2002</b> , 61, 282-93	3.1	235
204	Review: sporadic cerebral amyloid angiopathy. <i>Neuropathology and Applied Neurobiology</i> , <b>2011</b> , 37, 75-93	3.2	232
203	Vascular pathology in the aged human brain. <i>Acta Neuropathologica</i> , <b>2010</b> , 119, 277-90	14.3	225

202	Interactions of pathological proteins in neurodegenerative diseases. <i>Acta Neuropathologica</i> , <b>2017</b> , 134, 187-205	14.3	193
201	Staging/typing of Lewy body related alpha-synuclein pathology: a study of the BrainNet Europe Consortium. <i>Acta Neuropathologica</i> , <b>2009</b> , 117, 635-52	14.3	189
200	Increased brain beta-amyloid load, phosphorylated tau, and risk of Alzheimer disease associated with an intronic CYP46 polymorphism. <i>Archives of Neurology</i> , <b>2003</b> , 60, 29-35		187
199	TDP-43 is intercellularly transmitted across axon terminals. <i>Journal of Cell Biology</i> , <b>2015</b> , 211, 897-911	7.3	182
198	Microglial repopulation model reveals a robust homeostatic process for replacing CNS myeloid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18150-5 <sup>11.5</sup>		181
197	The biphasic relationship between regional brain senile plaque and neurofibrillary tangle distributions: modification by age, sex, and APOE polymorphism. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1019, 24-8	6.5	156
196	Evolution of Alzheimer's disease-related cytoskeletal changes in the basal nucleus of Meynert. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 259-69	14.3	152
195	The development of amyloid beta protein deposits in the aged brain. <i>Science of Aging Knowledge Environment: SAGE KE</i> , <b>2006</b> , 2006, re1		142
194	Neuropathology and biochemistry of A $\beta$ and its aggregates in Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 167-82	14.3	141
193	Vascular dementia: different forms of vessel disorders contribute to the development of dementia in the elderly brain. <i>Experimental Gerontology</i> , <b>2012</b> , 47, 816-24	4.5	134
192	Mutant valosin-containing protein causes a novel type of frontotemporal dementia. <i>Annals of Neurology</i> , <b>2005</b> , 57, 457-61	9.4	131
191	Extracellular phosphorylation of the amyloid $\beta$ peptide promotes formation of toxic aggregates during the pathogenesis of Alzheimer's disease. <i>EMBO Journal</i> , <b>2011</b> , 30, 2255-65	13	129
190	Pathological consequences of VCP mutations on human striated muscle. <i>Brain</i> , <b>2007</b> , 130, 381-93	11.2	128
189	Assessment of beta-amyloid deposits in human brain: a study of the BrainNet Europe Consortium. <i>Acta Neuropathologica</i> , <b>2009</b> , 117, 309-20	14.3	119
188	Alzheimer-related tau-pathology in the perforant path target zone and in the hippocampal stratum oriens and radiatum correlates with onset and degree of dementia. <i>Experimental Neurology</i> , <b>2000</b> , 163, 98-110	5.7	113
187	PART, a distinct tauopathy, different from classical sporadic Alzheimer disease. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 757-62	14.3	109
186	Biochemical stages of amyloid- $\beta$ peptide aggregation and accumulation in the human brain and their association with symptomatic and pathologically preclinical Alzheimer's disease. <i>Brain</i> , <b>2014</b> , 137, 887-903	11.2	109
185	Capillary cerebral amyloid angiopathy is associated with vessel occlusion and cerebral blood flow disturbances. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 1936-48	5.6	102

184	Amyloid beta-protein (Aβ)-containing astrocytes are located preferentially near N-terminal-truncated Aβ deposits in the human entorhinal cortex. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 608-17	14.3	98
183	The role of astrocytes in amyloid β-protein toxicity and clearance. <i>Experimental Neurology</i> , <b>2012</b> , 236, 1-5	5.7	97
182	Limited role of free TDP-43 as a diagnostic tool in neurodegenerative diseases. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2014</b> , 15, 351-6	3.6	95
181	[(18)F]flutemetamol amyloid positron emission tomography in preclinical and symptomatic Alzheimer's disease: specific detection of advanced phases of amyloid-β pathology. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 975-85	1.2	93
180	PDGFRα- and c-kit-mutated gastrointestinal stromal tumours (GISTs) are characterized by distinctive histological and immunohistochemical features. <i>Histopathology</i> , <b>2005</b> , 46, 166-75	7.3	93
179	Parenchymal and vascular Aβ-deposition and its effects on the degeneration of neurons and cognition in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , <b>2008</b> , 12, 1848-62	5.6	90
178	Tumor detection with 5-aminolevulinic acid fluorescence and Gd-DTPA-enhanced intraoperative MRI at the border of contrast-enhancing lesions: a prospective study based on histopathological assessment. <i>Neurosurgical Focus</i> , <b>2014</b> , 36, E3	4.2	89
177	Neurodegeneration in normal brain aging and disease. <i>Science of Aging Knowledge Environment: SAGE KE</i> , <b>2004</b> , 2004, pe26		89
176	Chitinase enzyme activity in CSF is a powerful biomarker of Alzheimer disease. <i>Neurology</i> , <b>2012</b> , 78, 569-75	7.5	86
175	Mutual exacerbation of peroxisome proliferator-activated receptor γ coactivator 1β deregulation and β-synuclein oligomerization. <i>Annals of Neurology</i> , <b>2015</b> , 77, 15-32	9.4	85
174	Gender and age modify the association between APOE and AD-related neuropathology. <i>Neurology</i> , <b>2001</b> , 56, 1696-701	6.5	85
173	The evolution of Alzheimer's disease-related cytoskeletal pathology in the human raphe nuclei. <i>Neuropathology and Applied Neurobiology</i> , <b>2000</b> , 26, 553-67	5.2	84
172	Interlaboratory comparison of assessments of Alzheimer disease-related lesions: a study of the BrainNet Europe Consortium. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2006</b> , 65, 740-57	3.1	83
171	Peripheral monocytes are functionally altered and invade the CNS in ALS patients. <i>Acta Neuropathologica</i> , <b>2016</b> , 132, 391-411	14.3	77
170	Staging of sporadic Parkinson disease-related alpha-synuclein pathology: inter- and intra-rater reliability. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2005</b> , 64, 623-8	3.1	75
169	The autonomic higher order processing nuclei of the lower brain stem are among the early targets of the Alzheimer's disease-related cytoskeletal pathology. <i>Acta Neuropathologica</i> , <b>2001</b> , 101, 555-64	14.3	75
168	Relationship of apolipoprotein E and age at onset to Parkinson disease neuropathology. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2006</b> , 65, 116-23	3.1	74
167	Post-mortem assessment in vascular dementia: advances and aspirations. <i>BMC Medicine</i> , <b>2016</b> , 14, 129	11.4	73

166	Stages of granulovacuolar degeneration: their relation to Alzheimer's disease and chronic stress response. <i>Acta Neuropathologica</i> , <b>2011</b> , 122, 577-89	14.3	73
165	Inter-laboratory comparison of neuropathological assessments of beta-amyloid protein: a study of the BrainNet Europe consortium. <i>Acta Neuropathologica</i> , <b>2008</b> , 115, 533-46	14.3	73
164	Capillary cerebral amyloid angiopathy identifies a distinct APOE epsilon4-associated subtype of sporadic Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2010</b> , 120, 169-83	14.3	68
163	GGA1 is expressed in the human brain and affects the generation of amyloid beta-peptide. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 12838-46	6.6	68
162	Assessment of alpha-synuclein pathology: a study of the BrainNet Europe Consortium. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2008</b> , 67, 125-43	3.1	67
161	Phosphorylation of the amyloid $\beta$ peptide at Ser26 stabilizes oligomeric assembly and increases neurotoxicity. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 525-37	14.3	65
160	Different neuroinflammatory profile in amyotrophic lateral sclerosis and frontotemporal dementia is linked to the clinical phase. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 4-10	5.5	64
159	Spreading of amyloid, tau, and microvascular pathology in Alzheimer's disease: findings from neuropathological and neuroimaging studies. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 42 Suppl 4, S421-9	4.3	60
158	Telomere shortening reduces Alzheimer's disease amyloid pathology in mice. <i>Brain</i> , <b>2011</b> , 134, 2044-56	11.2	60
157	Progression of neurofibrillary changes and PHF-tau in end-stage Alzheimer's disease is different from plaque and cortical microglial pathology. <i>Neurobiology of Aging</i> , <b>1998</b> , 19, 517-25	5.6	60
156	Cerebral small vessel disease-induced apolipoprotein E leakage is associated with Alzheimer disease and the accumulation of amyloid beta-protein in perivascular astrocytes. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2008</b> , 67, 842-56	3.1	60
155	Filamentous tau pathology in nerve cells, astrocytes, and oligodendrocytes of aged baboons. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 39-52	3.1	60
154	Post-mortem histopathology underlying $\beta$ amyloid PET imaging following flutemetamol F 18 injection. <i>Acta Neuropathologica Communications</i> , <b>2016</b> , 4, 130	7.3	57
153	Neuromyelitis optica lesions may inform multiple sclerosis heterogeneity debate. <i>Annals of Neurology</i> , <b>2012</b> , 72, 385-94	9.4	57
152	The relationship between subcortical tau pathology and Alzheimer's disease. <i>Biochemical Society Transactions</i> , <b>2012</b> , 40, 711-5	5.1	55
151	Genetic association of acyl-coenzyme A: cholesterol acyltransferase with cerebrospinal fluid cholesterol levels, brain amyloid load, and risk for Alzheimer's disease. <i>Molecular Psychiatry</i> , <b>2003</b> , 8, 635-8	15.1	55
150	Loss of gamma-secretase function impairs endocytosis of lipoprotein particles and membrane cholesterol homeostasis. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 12097-106	6.6	54
149	The impact of argyrophilic grain disease on the development of dementia and its relationship to concurrent Alzheimer's disease-related pathology. <i>Neuropathology and Applied Neurobiology</i> , <b>2005</b> , 31, 270-9	5.2	53

148	Fleecy amyloid deposits in the internal layers of the human entorhinal cortex are comprised of N-terminal truncated fragments of Aβ. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1999</b> , 58, 210-6	3.1	53
147	Signal regulatory protein-beta1: a microglial modulator of phagocytosis in Alzheimer's disease. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 2528-39	5.8	52
146	Inverse relationship between cerebrovascular lesions and severity of lewy body pathology in patients with lewy body diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2010</b> , 69, 442-8	3.1	52
145	Sporadic late-onset nemaline myopathy: clinico-pathological characteristics and review of 76 cases. <i>Orphanet Journal of Rare Diseases</i> , <b>2017</b> , 12, 86	4.2	51
144	Characteristics of dyschoric capillary cerebral amyloid angiopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2010</b> , 69, 1158-67	3.1	51
143	Visualizing in deceased COVID-19 patients how SARS-CoV-2 attacks the respiratory and olfactory mucosae but spares the olfactory bulb. <i>Cell</i> , <b>2021</b> , 184, 5932-5949.e15	56.2	51
142	High-molecular weight Aβ oligomers and protofibrils are the predominant Aβ species in the native soluble protein fraction of the AD brain. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 287-95	5.6	50
141	The need to unify neuropathological assessments of vascular alterations in the ageing brain: multicentre survey by the BrainNet Europe consortium. <i>Experimental Gerontology</i> , <b>2012</b> , 47, 825-33	4.5	50
140	Aβ-induced acceleration of Alzheimer-related β pathology spreading and its association with prion protein. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 913-941	14.3	48
139	Pyroglutamylated amyloid-βs associated with hyperphosphorylated tau and severity of Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 67-79	14.3	48
138	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> , <b>2010</b> , 120, 67-74	14.3	47
137	Occurrence and co-localization of amyloid beta-protein and apolipoprotein E in perivascular drainage channels of wild-type and APP-transgenic mice. <i>Neurobiology of Aging</i> , <b>2007</b> , 28, 1221-30	5.6	46
136	Cholesterol 25-hydroxylase on chromosome 10q is a susceptibility gene for sporadic Alzheimer's disease. <i>Neurodegenerative Diseases</i> , <b>2005</b> , 2, 233-41	2.3	46
135	Capillary cerebral amyloid angiopathy in Alzheimer's disease: association with allocortical/hippocampal microinfarcts and cognitive decline. <i>Acta Neuropathologica</i> , <b>2018</b> , 135, 681-694	14.3	42
134	Alpha2-macroglobulin inhibits the malignant properties of astrocytoma cells by impeding beta-catenin signaling. <i>Cancer Research</i> , <b>2010</b> , 70, 277-87	10.1	42
133	Association study of cholesterol-related genes in Alzheimer's disease. <i>Neurogenetics</i> , <b>2007</b> , 8, 179-88	3	42
132	Apolipoprotein E co-localizes with newly formed amyloid beta-protein (Aβ) deposits lacking immunoreactivity against N-terminal epitopes of Aβ in a genotype-dependent manner. <i>Acta Neuropathologica</i> , <b>2005</b> , 110, 459-71	14.3	42
131	Frontotemporal lobar degeneration FTLD-tau: preclinical lesions, vascular, and Alzheimer-related co-pathologies. <i>Journal of Neural Transmission</i> , <b>2015</b> , 122, 1007-18	4.3	41

130	Capillary CAA and perivascular Aβ deposition: two distinct features of Alzheimer's disease pathology. <i>Journal of the Neurological Sciences</i> , <b>2010</b> , 299, 155-62	3.2	41
129	Aberrant neuronal and paracellular deposition of endostatin in brains of patients with Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 10621-6	6.6	41
128	Detection of Striatal Amyloid Plaques with [18F]flutemetamol: Validation with Postmortem Histopathology. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 52, 863-73	4.3	40
127	Performance of [F]flutemetamol amyloid imaging against the neuritic plaque component of CERAD and the current (2012) NIA-AA recommendations for the neuropathologic diagnosis of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2017</b> , 9, 25-34	5.2	40
126	Dispersible amyloid β protein oligomers, protofibrils, and fibrils represent diffusible but not soluble aggregates: their role in neurodegeneration in amyloid precursor protein (APP) transgenic mice. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2641-60	5.6	40
125	Expression of coronin-3 (coronin-1C) in diffuse gliomas is related to malignancy. <i>Journal of Pathology</i> , <b>2008</b> , 214, 415-24	9.4	40
124	Selective vulnerability of different types of commissural neurons for amyloid beta-protein-induced neurodegeneration in APP23 mice correlates with dendritic tree morphology. <i>Brain</i> , <b>2006</b> , 129, 2992-3005	11.2	40
123	Pathology of clinical and preclinical Alzheimer's disease. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2013</b> , 263 Suppl 2, S137-45	5.1	39
122	Linear array ultrasound in low-grade glioma surgery: histology-based assessment of accuracy in comparison to conventional intraoperative ultrasound and intraoperative MRI. <i>Acta Neurochirurgica</i> , <b>2015</b> , 157, 195-206	3	38
121	The subunits of alpha2-macroglobulin receptor/low density lipoprotein receptor-related protein, native and transformed alpha2-macroglobulin and interleukin 6 in Alzheimer's disease. <i>Brain Research</i> , <b>1997</b> , 777, 223-7	3.7	38
120	Molecular evolution and genetics of the Saitohin gene and tau haplotype in Alzheimer's disease and argyrophilic grain disease. <i>Journal of Neurochemistry</i> , <b>2004</b> , 89, 179-88	6	38
119	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 463-484	14.3	38
118	Navigated high frequency ultrasound: description of technique and clinical comparison with conventional intracranial ultrasound. <i>World Neurosurgery</i> , <b>2014</b> , 82, 366-75	2.1	36
117	Excitatory amino acid transporter EAAT-2 in tangle-bearing neurons in Alzheimer's disease. <i>Brain Pathology</i> , <b>2002</b> , 12, 405-11	6	36
116	Association of ATP-binding cassette transporter variants with the risk of Alzheimer's disease. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 485-94	2.6	34
115	Early loss of oligodendrocytes in human and experimental neuromyelitis optica lesions. <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 523-38	14.3	34
114	Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. <i>Neuro-Oncology</i> , <b>2011</b> , 13, 710-24	1	32
113	Cysteine-sparing notch3 mutations: cadasil or cadasil variants?. <i>Neurology</i> , <b>2008</b> , 71, 774-6	6.5	32

112	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , <b>2021</b> , 12, 1726	17.4	32
111	Transgenic expression of intraneuronal A $\beta$ 2 but not A $\beta$ 0 leads to cellular A $\beta$ lesions, degeneration, and functional impairment without typical Alzheimer's disease pathology. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 1273-83	6.6	31
110	The TGF- $\beta$ System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 669	4.1	30
109	Sensitivity and specificity of linear array intraoperative ultrasound in glioblastoma surgery: a comparative study with high field intraoperative MRI and conventional sector array ultrasound. <i>Neurosurgical Review</i> , <b>2015</b> , 38, 499-509; discussion 509	3.9	29
108	Estimation of amyloid distribution by [F]flutemetamol PET predicts the neuropathological phase of amyloid $\beta$ protein deposition. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 557-567	14.3	29
107	Amyloid- $\beta$ protein modulates the perivascular clearance of neuronal apolipoprotein E in mouse models of Alzheimer's disease. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 699-712	4.3	29
106	Multisite Assessment of Aging-Related Tau Astroglial Pathology (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2017</b> , 76, 605-619	3.1	28
105	Neuropathological consensus criteria for the evaluation of Lewy pathology in post-mortem brains: a multi-centre study. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 159-172	14.3	28
104	Serotonin 2B receptor slows disease progression and prevents degeneration of spinal cord mononuclear phagocytes in amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 465-80	14.3	27
103	TSPO Versus P2X7 as a Target for Neuroinflammation: An In Vitro and In Vivo Study. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 604-607	8.9	27
102	Distinct molecular patterns of TDP-43 pathology in Alzheimer's disease: relationship with clinical phenotypes. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 61	7.3	26
101	Telomere shortening leads to earlier age of onset in ALS mice. <i>Aging</i> , <b>2016</b> , 8, 382-93	5.6	26
100	Histopathological Insights on Imaging Results of Intraoperative Magnetic Resonance Imaging, 5-Aminolevulinic Acid, and Intraoperative Ultrasound in Glioblastoma Surgery. <i>Neurosurgery</i> , <b>2017</b> , 81, 165-174	3.2	24
99	The pre-capillary segment of the blood-brain barrier and its relation to perivascular drainage in Alzheimer's disease and small vessel disease. <i>Scientific World Journal, The</i> , <b>2009</b> , 9, 557-63	2.2	24
98	Association of the glutathione S-transferase omega-1 Ala140Asp polymorphism with cerebrovascular atherosclerosis and plaque-associated interleukin-1 alpha expression. <i>Stroke</i> , <b>2007</b> , 38, 2847-50	6.7	24
97	Age-dependent association between butyrylcholinesterase K-variant and Alzheimer disease-related neuropathology in human brains. <i>Neuroscience Letters</i> , <b>2002</b> , 320, 25-8	3.3	24
96	Oligodendroglia in cortical multiple sclerosis lesions decrease with disease progression, but regenerate after repeated experimental demyelination. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 231-46	14.3	23
95	Telomere shortening impairs regeneration of the olfactory epithelium in response to injury but not under homeostatic conditions. <i>PLoS ONE</i> , <b>2011</b> , 6, e27801	3.7	23

94	Nerve cells immunoreactive for p62 in select hypothalamic and brainstem nuclei of controls and Parkinson's disease cases. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 809-19	4.3	23
93	Proteomics in cerebrospinal fluid and spinal cord suggests UCHL1, MAP2 and GPNMB as biomarkers and underpins importance of transcriptional pathways in amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 119-134	14.3	23
92	Potential human transmission of amyloid $\beta$ pathology: surveillance and risks. <i>Lancet Neurology</i> , <b>2020</b> , 19, 872-878	24.1	23
91	Dysregulation of a novel miR-1825/TBCB/TUBA4A pathway in sporadic and familial ALS. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 4301-4319	10.3	21
90	Expression of alpha2-macroglobulin, neutrophil elastase, and interleukin-1alpha differs in early-stage and late-stage atherosclerotic lesions in the arteries of the circle of Willis. <i>Acta Neuropathologica</i> , <b>2007</b> , 113, 33-43	14.3	21
89	Restoring miR-132 expression rescues adult hippocampal neurogenesis and memory deficits in Alzheimer's disease. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 1805-1821.e8	18	21
88	Analysis of cell type-specific expression of CK1 epsilon in various tissues of young adult BALB/c Mice and in mammary tumors of SV40 T-Ag-transgenic mice. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2010</b> , 58, 1-15	3.4	20
87	Clearance of amyloid $\beta$ protein and its role in the spreading of Alzheimer's disease pathology. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 25	5.3	19
86	Neuropathological assessments of the pathology in frontotemporal lobar degeneration with TDP43-positive inclusions: an inter-laboratory study by the BrainNet Europe consortium. <i>Journal of Neural Transmission</i> , <b>2015</b> , 122, 957-72	4.3	19
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