Dietmar R. Thal

List of Publications by Year
in descending order

222	25,679	11651 70	7160 153
papers	citations	h-index	g-index

245	245	245	23650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phases of AÎ²-deposition in the human brain and its relevance for the development of AD. Neurology, 2002, 58, 1791-1800.	1.1	2,555
2	National Institute on Agingâ€“Alzheimerâ€™s Association guidelines for the neuropathologic assessment of Alzheimerâ€™s disease: a practical approach. Acta Neuropathologica, 2012, 123, 1-11.	7.7	2,002
3	National Institute on Agingâ€“Alzheimer's Association guidelines for the neuropathologic assessment of Alzheimer's disease. Alzheimer's and Dementia, 2012, 8, 1-13.	0.8	1,968
4	Correlation of Alzheimer Disease Neuropathologic Changes With Cognitive Status: A Review of the Literature. Journal of Neuropathology and Experimental Neurology, 2012, 71, 362-381.	1.7	1,599
5	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.	1.7	1,562
6	Primary age-related tauopathy (PART): a common pathology associated with human aging. Acta Neuropathologica, 2014, 128, 755-766.	7.7	1,060
7	Haploinsufficiency of TBK1 causes familial ALS and fronto-temporal dementia. Nature Neuroscience, 2015, 18, 631-636.	14.8	652
8	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. Acta Neuropathologica, 2016, 131, 87-102.	7.7	380
9	Nonsteroidal anti-inflammatory drugs repress Î²-secretase gene promoter activity by the activation of PPARÎ³. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 443-448.	7.1	365
10	Staging of Neurofibrillary Pathology in Alzheimer's Disease: A Study of the BrainNet Europe Consortium. Brain Pathology, 2008, 18, 484-496.	4.1	361
11	Vascular Pathology in Alzheimer Disease: Correlation of Cerebral Amyloid Angiopathy and Arteriosclerosis/Lipohyalinosis with Cognitive Decline. Journal of Neuropathology and Experimental Neurology, 2003, 62, 1287-1301.	1.7	315
12	Î·-Secretase processing of APP inhibits neuronal activity in the hippocampus. Nature, 2015, 526, 443-447.	27.8	308
13	Two Types of Sporadic Cerebral Amyloid Angiopathy. Journal of Neuropathology and Experimental Neurology, 2002, 61, 282-293.	1.7	307
14	Sequence of AÎ²-Protein Deposition in the Human Medial Temporal Lobe. Journal of Neuropathology and Experimental Neurology, 2000, 59, 733-748.	1.7	305
15	Cerebral amyloid angiopathy and its relationship to Alzheimerâ€™s disease. Acta Neuropathologica, 2008, 115, 599-609.	7.7	288
16	Interactions of pathological proteins in neurodegenerative diseases. Acta Neuropathologica, 2017, 134, 187-205.	7.7	288
17	Review: Sporadic cerebral amyloid angiopathy. Neuropathology and Applied Neurobiology, 2011, 37, 75-93.	3.2	285
18	Vascular pathology in the aged human brain. Acta Neuropathologica, 2010, 119, 277-290.	7.7	275

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19	TDP-43 is intercellularly transmitted across axon terminals. Journal of Cell Biology, 2015, 211, 897-911.	5.2	263
20	Staging/typing of Lewy body related Î±-synuclein pathology: a study of the BrainNet Europe Consortium. Acta Neuropathologica, 2009, 117, 635-652.	7.7	249
21	Visualizing in deceased COVID-19 patients how SARS-CoV-2 attacks the respiratory and olfactory mucosae but spares the olfactory bulb. Cell, 2021, 184, 5932-5949.e15.	28.9	245
22	Neuropathology and biochemistry of AÎ² and its aggregates in Alzheimerâ€™s disease. Acta Neuropathologica, 2015, 129, 167-182.	7.7	224
23	Increased Brain Î²-Amyloid Load, Phosphorylated Tau, and Risk of Alzheimer Disease Associated With an Intronic CYP46 Polymorphism. Archives of Neurology, 2003, 60, 29.	4.5	210
24	Microglial repopulation model reveals a robust homeostatic process for replacing CNS myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18150-18155.	7.1	210
25	The probabilistic model of Alzheimer disease: the amyloid hypothesis revised. Nature Reviews Neuroscience, 2022, 23, 53-66.	10.2	203
26	The Biphasic Relationship between Regional Brain Senile Plaque and Neurofibrillary Tangle Distributions: Modification by Age, Sex, and APOE Polymorphism. Annals of the New York Academy of Sciences, 2004, 1019, 24-28.	3.8	193
27	Vascular dementia: Different forms of vessel disorders contribute to the development of dementia in the elderly brain. Experimental Gerontology, 2012, 47, 816-824.	2.8	179
28	Evolution of Alzheimer's disease-related cytoskeletal changes in the basal nucleus of Meynert. Acta Neuropathologica, 2000, 100, 259-269.	7.7	178
29	The Development of Amyloid beta Protein Deposits in the Aged Brain. Science of Aging Knowledge Environment: SAGE KE, 2006, 2006, re1-re1.	0.8	174
30	Mutant valosinâ€containing protein causes a novel type of frontotemporal dementia. Annals of Neurology, 2005, 57, 457-461.	5.3	160
31	Extracellular phosphorylation of the amyloid Î²-peptide promotes formation of toxic aggregates during the pathogenesis of Alzheimer's disease. EMBO Journal, 2011, 30, 2255-2265.	7.8	160
32	Alzheimer-Related Ï„-Pathology in the Perforant Path Target Zone and in the Hippocampal Stratum Oriens and Radiatum Correlates with Onset and Degree of Dementia. Experimental Neurology, 2000, 163, 98-110.	4.1	148
33	Pathological consequences of VCP mutations on human striated muscle. Brain, 2007, 130, 381-393.	7.6	148
34	Assessment of Î²-amyloid deposits in human brain: a study of the BrainNet Europe Consortium. Acta Neuropathologica, 2009, 117, 309-320.	7.7	143
35	PART, a distinct tauopathy, different from classical sporadic Alzheimer disease. Acta Neuropathologica, 2015, 129, 757-762.	7.7	139
36	Biochemical stages of amyloid-Î² peptide aggregation and accumulation in the human brain and their association with symptomatic and pathologically preclinical Alzheimerâ€™s disease. Brain, 2014, 137, 887-903.	7.6	136

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37	Relationship of Apolipoprotein E and Age at Onset to Parkinson Disease Neuropathology. Journal of Neuropathology and Experimental Neurology, 2006, 65, 116-123.	1.7	132
38	Limited role of free TDP-43 as a diagnostic tool in neurodegenerative diseases. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 351-356.	1.7	131
39	The role of astrocytes in amyloid Î²-protein toxicity and clearance. Experimental Neurology, 2012, 236, 1-5.	4.1	121
40	[¹⁸F]flutemetamol amyloid positron emission tomography in preclinical and symptomatic Alzheimer's disease: Specific detection of advanced phases of amyloidâ€Î² pathology. Alzheimer's and Dementia, 2015, 11, 975-985.	0.8	117
41	Capillary cerebral amyloid angiopathy is associated with vessel occlusion and cerebral blood flow disturbances. Neurobiology of Aging, 2009, 30, 1936-1948.	3.1	116
42	Peripheral monocytes are functionally altered and invade the CNS in ALS patients. Acta Neuropathologica, 2016, 132, 391-411.	7.7	116
43	Amyloid Î²-protein (AÎ²)-containing astrocytes are located preferentially near N-terminal-truncated AÎ² deposits in the human entorhinal cortex. Acta Neuropathologica, 2000, 100, 608-617.	7.7	112
44	Tumor detection with 5-aminolevulinic acid fluorescence and Gd-DTPAâ€“enhanced intraoperative MRI at the border of contrast-enhancing lesions: a prospective study based on histopathological assessment. Neurosurgical Focus, 2014, 36, E3.	2.3	112
45	Mutual exacerbation of peroxisome proliferatorâ€activated receptor Î³ coactivator 1Î± deregulation and Î±â€synuclein oligomerization. Annals of Neurology, 2015, 77, 15-32.	5.3	112
46	Parenchymal and vascular AÎ²â€deposition and its effects on the degeneration of neurons and cognition in Alzheimer's disease. Journal of Cellular and Molecular Medicine, 2008, 12, 1848-1862.	3.6	109
47	The evolution of Alzheimer's disease-related cytoskeletal pathology in the human raphe nuclei. Neuropathology and Applied Neurobiology, 2000, 26, 553-567.	3.2	108
48	PDGFRalpha- and c-kit-mutated gastrointestinal stromal tumours (GISTs) are characterized by distinctive histological and immunohistochemical features. Histopathology, 2005, 46, 166-175.	2.9	108
49	Neuropathological consensus criteria for the evaluation of Lewy pathology in post-mortem brains: a multi-centre study. Acta Neuropathologica, 2021, 141, 159-172.	7.7	107
50	Chitinase enzyme activity in CSF is a powerful biomarker of Alzheimer disease. Neurology, 2012, 78, 569-577.	1.1	106
51	Neurodegeneration in Normal Brain Aging and Disease. Science of Aging Knowledge Environment: SAGE KE, 2004, 2004, pe26-pe26.	0.8	106
52	Post-mortem assessment in vascular dementia: advances and aspirations. BMC Medicine, 2016, 14, 129.	5.5	99
53	Different neuroinflammatory profile in amyotrophic lateral sclerosis and frontotemporal dementia is linked to the clinical phase. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 4-10.	1.9	96
54	Gender and age modify the association between APOE and AD-related neuropathology. Neurology, 2001, 56, 1696-1701.	1.1	95

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55	Interlaboratory Comparison of Assessments of Alzheimer Disease-Related Lesions: A Study of the BrainNet Europe Consortium. Journal of Neuropathology and Experimental Neurology, 2006, 65, 740-757.	1.7	95
56	Stages of granulovacuolar degeneration: their relation to Alzheimerâ€™s disease and chronic stress response. Acta Neuropathologica, 2011, 122, 577-589.	7.7	95
57	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimerâ€™s disease. Acta Neuropathologica, 2020, 139, 463-484.	7.7	91
58	Telomere shortening reduces Alzheimerâ€™s disease amyloid pathology in mice. Brain, 2011, 134, 2044-2056.	7.6	90
59	The autonomic higher order processing nuclei of the lower brain stem are among the early targets of the Alzheimer's disease-related cytoskeletal pathology. Acta Neuropathologica, 2001, 101, 555-564.	7.7	89
60	Filamentous Tau Pathology in Nerve Cells, Astrocytes, and Oligodendrocytes of Aged Baboons. Journal of Neuropathology and Experimental Neurology, 2000, 59, 39-52.	1.7	86
61	Inter-laboratory comparison of neuropathological assessments of Î²-amyloid protein: a study of the BrainNet Europe consortium. Acta Neuropathologica, 2008, 115, 533-546.	7.7	86
62	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. Nature Communications, 2021, 12, 1726.	12.8	86
63	Staging of Sporadic Parkinson Disease-Related Î±-Synuclein Pathology: Inter- and Intra-Rater Reliability. Journal of Neuropathology and Experimental Neurology, 2005, 64, 623-628.	1.7	85
64	Phosphorylation of the amyloid Î²-peptide at Ser26 stabilizes oligomeric assembly and increases neurotoxicity. Acta Neuropathologica, 2016, 131, 525-537.	7.7	84
65	GGA1 Is Expressed in the Human Brain and Affects the Generation of Amyloid Â-Peptide. Journal of Neuroscience, 2006, 26, 12838-12846.	3.6	82
66	Capillary cerebral amyloid angiopathy identifies a distinct APOE Îµ4-associated subtype of sporadic Alzheimerâ€™s disease. Acta Neuropathologica, 2010, 120, 169-183.	7.7	81
67	Sporadic late-onset nemaline myopathy: clinico-pathological characteristics and review of 76 cases. Orphanet Journal of Rare Diseases, 2017, 12, 86.	2.7	77
68	Post-mortem histopathology underlying Î²-amyloid PET imaging following flutemetamol F 18 injection. Acta Neuropathologica Communications, 2016, 4, 130.	5.2	76
69	Restoring miR-132 expression rescues adult hippocampal neurogenesis and memory deficits in Alzheimerâ€™s disease. Cell Stem Cell, 2021, 28, 1805-1821.e8.	11.1	76
70	Spreading of Amyloid, Tau, and Microvascular Pathology in Alzheimer's Disease: Findings from Neuropathological and Neuroimaging Studies. Journal of Alzheimer's Disease, 2014, 42, S421-S429.	2.6	75
71	AÎ²-induced acceleration of Alzheimer-related Ï„-pathology spreading and its association with prion protein. Acta Neuropathologica, 2019, 138, 913-941.	7.7	75
72	Assessment of Î±-Synuclein Pathology: A Study of the BrainNet Europe Consortium. Journal of Neuropathology and Experimental Neurology, 2008, 67, 125-143.	1.7	73

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73	Proteomics in cerebrospinal fluid and spinal cord suggests UCHL1, MAP2 and GPNMB as biomarkers and underpins importance of transcriptional pathways in amyotrophic lateral sclerosis. Acta Neuropathologica, 2020, 139, 119-134.	7.7	73
74	Inverse Relationship Between Cerebrovascular Lesions and Severity of Lewy Body Pathology in Patients With Lewy Body Diseases. Journal of Neuropathology and Experimental Neurology, 2010, 69, 442-448.	1.7	71
75	Cerebral Small Vessel Disease-Induced Apolipoprotein E Leakage Is Associated With Alzheimer Disease and the Accumulation of Amyloid Î²-Protein in Perivascular Astrocytes. Journal of Neuropathology and Experimental Neurology, 2008, 67, 842-856.	1.7	70
76	Capillary cerebral amyloid angiopathy in Alzheimerâ€™s disease: association with allocortical/hippocampal microinfarcts and cognitive decline. Acta Neuropathologica, 2018, 135, 681-694.	7.7	70
77	Progression of neurofibrillary changes and PHF-Ï„ in end-stage Alzheimerâ€™s disease is different from plaque and cortical microglial pathology. Neurobiology of Aging, 1998, 19, 517-525.	3.1	67
78	The relationship between subcortical tau pathology and Alzheimer's disease. Biochemical Society Transactions, 2012, 40, 711-715.	3.4	67
79	Neuromyelitis optica lesions may inform multiple sclerosis heterogeneity debate. Annals of Neurology, 2012, 72, 385-394.	5.3	67
80	Signal Regulatory Protein-Î²1. American Journal of Pathology, 2009, 175, 2528-2539.	3.8	66
81	Fleecy Amyloid Deposits in the Internal Layers of the Human Entorhinal Cortex are Comprised of N-terminal Truncated Fragments of AÎ². Journal of Neuropathology and Experimental Neurology, 1999, 58, 210-216.	1.7	63
82	Loss of Î³-Secretase Function Impairs Endocytosis of Lipoprotein Particles and Membrane Cholesterol Homeostasis. Journal of Neuroscience, 2008, 28, 12097-12106.	3.6	62
83	Characteristics of Dyshoric Capillary Cerebral Amyloid Angiopathy. Journal of Neuropathology and Experimental Neurology, 2010, 69, 1158-1167.	1.7	62
84	The impact of argyrophilic grain disease on the development of dementia and its relationship to concurrent Alzheimer's disease-related pathology. Neuropathology and Applied Neurobiology, 2005, 31, 270-279.	3.2	60
85	Genetic association of acyl-coenzyme A: cholesterol acyltransferase with cerebrospinal fluid cholesterol levels, brain amyloid load, and risk for Alzheimer's disease. Molecular Psychiatry, 2003, 8, 635-638.	7.9	59
86	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.	7.7	58
87	Highâ€molecular weight AÎ² oligomers and protofibrils are the predominant AÎ² species in the native soluble protein fraction of the AD brain. Journal of Cellular and Molecular Medicine, 2012, 16, 287-295.	3.6	58
88	Distinct molecular patterns of TDP-43 pathology in Alzheimerâ€™s disease: relationship with clinical phenotypes. Acta Neuropathologica Communications, 2020, 8, 61.	5.2	58
89	The need to unify neuropathological assessments of vascular alterations in the ageing brain. Experimental Gerontology, 2012, 47, 825-833.	2.8	57
90	Performance of [¹⁸F]flutemetamol amyloid imaging against the neuritic plaque component of CERAD and the current (2012) NIAâ€AA recommendations for the neuropathologic diagnosis of Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 9, 25-34.	2.4	57

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91	C9orf72 -derived arginine-containing dipeptide repeats associate with axonal transport machinery and impede microtubule-based motility. Science Advances, 2021, 7, .	10.3	57
92	Cholesterol 25-Hydroxylase on Chromosome 10q Is a Susceptibility Gene for Sporadic Alzheimerâ€™s Disease. Neurodegenerative Diseases, 2005, 2, 233-241.	1.4	55
93	Î±2-Macroglobulin Inhibits the Malignant Properties of Astrocytoma Cells by Impeding Î²-Catenin Signaling. Cancer Research, 2010, 70, 277-287.	0.9	54
94	Protein aggregation in Alzheimerâ€™s disease: AÎ² and Ï„, and their potential roles in the pathogenesis of AD. Acta Neuropathologica, 2015, 129, 163-165.	7.7	54
95	Occurrence and co-localization of amyloid Î²-protein and apolipoprotein E in perivascular drainage channels of wild-type and APP-transgenic mice. Neurobiology of Aging, 2007, 28, 1221-1230.	3.1	53
96	Pyroglutamylated amyloid-Î² is associated with hyperphosphorylated tau and severity of Alzheimerâ€™s disease. Acta Neuropathologica, 2014, 128, 67-79.	7.7	53
97	Capillary CAA and perivascular AÎ²-deposition: Two distinct features of Alzheimer's disease pathology. Journal of the Neurological Sciences, 2010, 299, 155-162.	0.6	52
98	Pathology of clinical and preclinical Alzheimerâ€™s disease. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 137-145.	3.2	51
99	Apolipoprotein E co-localizes with newly formed amyloid Î²-protein (AÎ²) deposits lacking immunoreactivity against N-terminal epitopes of AÎ² in a genotype-dependent manner. Acta Neuropathologica, 2005, 110, 459-471.	7.7	50
100	Dispersible amyloid Î²-protein oligomers, protofibrils, and fibrils represent diffusible but not soluble aggregates: their role in neurodegeneration in amyloid precursor protein (APP) transgenic mice. Neurobiology of Aging, 2012, 33, 2641-2660.	3.1	50
101	Association study of cholesterol-related genes in Alzheimerâ€™s disease. Neurogenetics, 2007, 8, 179-188.	1.4	47
102	Frontotemporal lobar degeneration FTLD-tau: preclinical lesions, vascular, and Alzheimer-related co-pathologies. Journal of Neural Transmission, 2015, 122, 1007-1018.	2.8	47
103	Linear array ultrasound in low-grade glioma surgery: histology-based assessment of accuracy in comparison to conventional intraoperative ultrasound and intraoperative MRI. Acta Neurochirurgica, 2015, 157, 195-206.	1.7	47
104	Potential human transmission of amyloid Î² pathology: surveillance and risks. Lancet Neurology, The, 2020, 19, 872-878.	10.2	46
105	Expression of coroninâ€3 (coroninâ€1C) in diffuse gliomas is related to malignancy. Journal of Pathology, 2008, 214, 415-424.	4.5	45
106	Transgenic Expression of Intraneuronal AÎ²₄₂But Not AÎ²₄₀Leads to Cellular AÎ² Lesions, Degeneration, and Functional Impairment without Typical Alzheimer's Disease Pathology. Journal of Neuroscience, 2012, 32, 1273-1283.	3.6	44
107	Aberrant Neuronal and Paracellular Deposition of Endostatin in Brains of Patients with Alzheimer's Disease. Journal of Neuroscience, 2002, 22, 10621-10626.	3.6	43
108	Selective vulnerability of different types of commissural neurons for amyloid Â-protein-induced neurodegeneration in APP23 mice correlates with dendritic tree morphology. Brain, 2006, 129, 2992-3005.	7.6	43

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109	Excitatory Amino Acid Transporter EAATâ€2 in Tangleâ€bearing Neurons in Alzheimer's Disease. Brain Pathology, 2002, 12, 405-411.	4.1	43
110	Detection of Striatal Amyloid Plaques with [18F]flutemetamol: Validation with Postmortem Histopathology. Journal of Alzheimer's Disease, 2016, 52, 863-873.	2.6	43
111	Sensitivity and specificity of linear array intraoperative ultrasound in glioblastoma surgery: a comparative study with high field intraoperative MRI and conventional sector array ultrasound. Neurosurgical Review, 2015, 38, 499-509.	2.4	42
112	The TGF-Î² System As a Potential Pathogenic Player in Disease Modulation of Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2017, 8, 669.	2.4	42
113	TSPO Versus P2X7 as a Target for Neuroinflammation: An In Vitro and In Vivo Study. Journal of Nuclear Medicine, 2020, 61, 604-607.	5.0	42
114	The subunits of Î±2-macroglobulin receptor/low density lipoprotein receptor-related protein, native and transformed Î±2-macroglobulin and interleukin 6 in Alzheimer's disease. Brain Research, 1997, 777, 223-227.	2.2	41
115	Serotonin 2B receptor slows disease progression and prevents degeneration of spinal cord mononuclear phagocytes in amyotrophic lateral sclerosis. Acta Neuropathologica, 2016, 131, 465-480.	7.7	41
116	Estimation of amyloid distribution by [18F]flutemetamol PET predicts the neuropathological phase of amyloid Î²-protein deposition. Acta Neuropathologica, 2018, 136, 557-567.	7.7	41
117	Molecular evolution and genetics of the Saitohin gene and tau haplotype in Alzheimer's disease and argyrophilic grain disease. Journal of Neurochemistry, 2004, 89, 179-188.	3.9	39
118	Association of ATP-binding cassette transporter variants with the risk of Alzheimerâ€™s disease. Pharmacogenomics, 2013, 14, 485-494.	1.3	39
119	Early loss of oligodendrocytes in human and experimental neuromyelitis optica lesions. Acta Neuropathologica, 2014, 127, 523-538.	7.7	38
120	Navigated High Frequency Ultrasound: Description of Technique and Clinical Comparison with Conventional Intracranial Ultrasound. World Neurosurgery, 2014, 82, 366-375.	1.3	38
121	Multisite Assessment of Aging-Related Tau Astrogliopathy (ARTAG). Journal of Neuropathology and Experimental Neurology, 2017, 76, 605-619.	1.7	38
122	Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. Neuro-Oncology, 2011, 13, 710-724.	1.2	36
123	Astrocyte-derived Jagged-1 mitigates deleterious Notch signaling in amyotrophic lateral sclerosis. Neurobiology of Disease, 2018, 119, 26-40.	4.4	35
124	Maturation of neuronal AD-tau pathology involves site-specific phosphorylation of cytoplasmic and synaptic tau preceding conformational change and fibril formation. Acta Neuropathologica, 2021, 141, 173-192.	7.7	35
125	CYSTEINE-SPARING NOTCH3 MUTATIONS: CADASIL OR CADASIL VARIANTS?. Neurology, 2008, 71, 774-776.	1.1	34
126	Dysregulation of a novel miR-1825/TBCB/TUBA4A pathway in sporadic and familial ALS. Cellular and Molecular Life Sciences, 2018, 75, 4301-4319.	5.4	34

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127	Histopathological Insights on Imaging Results of Intraoperative Magnetic Resonance Imaging, 5-Aminolevulinic Acid, and Intraoperative Ultrasound in Glioblastoma Surgery. Neurosurgery, 2017, 81, 165-174.	1.1	33
128	Oligodendroglia in cortical multiple sclerosis lesions decrease with disease progression, but regenerate after repeated experimental demyelination. Acta Neuropathologica, 2014, 128, 231-246.	7.7	31
129	Beta-synuclein in cerebrospinal fluid as an early diagnostic marker of Alzheimerâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 349-356.	1.9	31
130	Telomere shortening leads to earlier age of onset in ALS mice. Aging, 2016, 8, 382-393.	3.1	31
131	Amyloid-Î² protein modulates the perivascular clearance of neuronal apolipoprotein E in mouse models of Alzheimerâ€™s disease. Journal of Neural Transmission, 2011, 118, 699-712.	2.8	30
132	The Precapillary Segment of the Blood-Brain Barrier and Its Relation to Perivascular Drainage in Alzheimer's Disease and Small Vessel Disease.. Scientific World Journal, The, 2009, 9, 557-563.	2.1	29
133	Different aspects of Alzheimerâ€™s disease-related amyloid Î²-peptide pathology and their relationship to amyloid positron emission tomography imaging and dementia. Acta Neuropathologica Communications, 2019, 7, 178.	5.2	29
134	Association of the Glutathione S-transferase Omega-1 Ala140Asp Polymorphism With Cerebrovascular Atherosclerosis and Plaque-Associated Interleukin-1Î± Expression. Stroke, 2007, 38, 2847-2850.	2.0	28
135	Human iPSC-derived astrocytes transplanted into the mouse brain undergo morphological changes in response to amyloid-Î² plaques. Molecular Neurodegeneration, 2021, 16, 68.	10.8	28
136	Age-dependent association between butyrylcholinesterase K-variant and Alzheimer disease-related neuropathology in human brains. Neuroscience Letters, 2002, 320, 25-28.	2.1	26
137	Telomere Shortening Impairs Regeneration of the Olfactory Epithelium in Response to Injury but Not Under Homeostatic Conditions. PLoS ONE, 2011, 6, e27801.	2.5	26
138	Nuclear localization of Annexin A7 during murine brain development. BMC Neuroscience, 2005, 6, 25.	1.9	25
139	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.	2.8	25
140	Neuropathological assessments of the pathology in frontotemporal lobar degeneration with TDP43-positive inclusions: an inter-laboratory study by the BrainNet Europe consortium. Journal of Neural Transmission, 2015, 122, 957-972.	2.8	25
141	Expression of Î±2-macroglobulin, neutrophil elastase, and interleukin-1Î± differs in early-stage and late-stage atherosclerotic lesions in the arteries of the circle of Willis. Acta Neuropathologica, 2006, 113, 33-43.	7.7	24
142	Clearance of amyloid Î²-protein and its role in the spreading of Alzheimer's disease pathology. Frontiers in Aging Neuroscience, 2015, 7, 25.	3.4	24
143	Circadian sleep/wake-associated cells show dipeptide repeat protein aggregates in C9orf72-related ALS and FTLD cases. Acta Neuropathologica Communications, 2019, 7, 189.	5.2	22
144	Analysis of Cell Type-specific Expression of CK1Îµ in Various Tissues of Young Adult BALB/c Mice and in Mammary Tumors of SV40 T-Ag-transgenic Mice. Journal of Histochemistry and Cytochemistry, 2010, 58, 1-15.	2.5	21

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145	Differential pattern of Î²-amyloid, amyloid precursor protein and apolipoprotein E expression in cortical senile plaques. Acta Neuropathologica, 1997, 94, 255-265.	7.7	19
146	Vascular parkinsonism in a CADASIL case with an intact nigrostriatal dopaminergic system. Journal of Neurology, 2007, 254, 1743-1745.	3.6	19
147	Immunohistochemical Characterisation of Cell-Type Specific Expression of CK1Î´ in Various Tissues of Young Adult BALB/c Mice. PLoS ONE, 2009, 4, e4174.	2.5	19
148	Age-related appearance of dendritic inclusions in catecholaminergic brainstem neurons. Neurobiology of Aging, 2013, 34, 286-297.	3.1	19
149	TDP-43 interacts with pathological Ï„ protein in Alzheimerâ€™s disease. Acta Neuropathologica, 2021, 141, 795-799.	7.7	19
150	Atypical Teratoid-Rhabdoid Tumor Spreading along the Trigeminal Nerve. Pediatric Neurosurgery, 2006, 42, 258-263.	0.7	18
151	Abnormal Paraplegin Expression in Swollen Neurites, Ï„- and Î±-Synuclein Pathology in a Case of Hereditary Spastic Paraplegia SPG7 with an Ala510Val Mutation. International Journal of Molecular Sciences, 2015, 16, 25050-25066.	4.1	18
152	Modified amyloid variants in pathological subgroups of Î²â€amyloidosis. Annals of Clinical and Translational Neurology, 2018, 5, 815-831.	3.7	18
153	Blood-brain barrier resealing in neuromyelitis optica occurs independently of astrocyte regeneration. Journal of Clinical Investigation, 2021, 131, .	8.2	18
154	The Golgi-Localized Î³-Ear-Containing ARF-Binding (GGA) Proteins Alter Amyloid-Î² Precursor Protein (APP) Processing through Interaction of Their GAE Domain with the Beta-Site APP Cleaving Enzyme 1 (BACE1). PLoS ONE, 2015, 10, e0129047.	2.5	17
155	Myositis as a neuromuscular complication of immune checkpoint inhibitors. Acta Neurologica Belgica, 2020, 120, 355-364.	1.1	17
156	Genetic association of argyrophilic grain disease with polymorphisms in alphaâ€2 macroglobulin and lowâ€density lipoprotein receptorâ€related protein genes. Neuropathology and Applied Neurobiology, 2002, 28, 308-313.	3.2	16
157	No association of a non-synonymousPLAU polymorphism with Alzheimer's disease and disease-related traits. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 132B, 21-23.	1.7	16
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