Jerzy Wegiel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	2,221 citations	24 h-index	39 g-index
39 ext. papers	2,489 ext. citations	5.4 avg, IF	4 L-index

#	Paper	IF	Citations
39	The neuropathology of autism: defects of neurogenesis and neuronal migration, and dysplastic changes. *Acta Neuropathologica*, **2010**, 119, 755-70	14.3	396
38	Overexpression of Dyrk1A contributes to neurofibrillary degeneration in Down syndrome. *FASEB Journal*, **2008**, 22, 3224-33	0.9	170
37	The role of DYRK1A in neurodegenerative diseases. *FEBS Journal*, **2011**, 278, 236-45	5.7	161
36	Relationships between regional neuronal loss and neurofibrillary changes in the hippocampal formation and duration and severity of Alzheimer disease. *Journal of Neuropathology and Experimental Neurology*, **1997**, 56, 414-20	3.1	142
35	Trisomy-driven overexpression of DYRK1A kinase in the brain of subjects with Down syndrome. *Neuroscience Letters*, **2007**, 413, 77-81	3.3	141
34	The role of microglial cells and astrocytes in fibrillar plaque evolution in transgenic APP(SW) mice. *Neurobiology of Aging*, **2001**, 22, 49-61	5.6	129
33	Increased dosage of Dyrk1A alters alternative splicing factor (ASF)-regulated alternative splicing of tau in Down syndrome. *Journal of Biological Chemistry*, **2008**, 283, 28660-9	5.4	108
32	Stereological study of the neuronal number and volume of 38 brain subdivisions of subjects diagnosed with autism reveals significant alterations restricted to the striatum, amygdala and cerebellum. *Acta Neuropathologica Communications*, **2014**, 2, 141	7.3	85
31	Intraneuronal Abeta immunoreactivity is not a predictor of brain amyloidosis-beta or neurofibrillary degeneration. *Acta Neuropathologica*, **2007**, 113, 389-402	14.3	68
30	The role of overexpressed DYRK1A protein in the early onset of neurofibrillary degeneration in Down syndrome. *Acta Neuropathologica*, **2008**, 116, 391-407	14.3	68
29	Differences between the pattern of developmental abnormalities in autism associated with duplications 15q11.2-q13 and idiopathic autism. *Journal of Neuropathology and Experimental Neurology*, **2012**, 71, 382-97	3.1	66
28	Alzheimer's Disease in Adults with Down Syndrome. *International Review of Research in Mental Retardation*, **2008**, 36, 103-145		63
27	Cell type- and brain structure-specific patterns of distribution of minibrain kinase in human brain. *Brain Research*, **2004**, 1010, 69-80	3.7	55
26	Link between DYRK1A overexpression and several-fold enhancement of neurofibrillary degeneration with 3-repeat tau protein in Down syndrome. *Journal of Neuropathology and Experimental Neurology*, **2011**, 70, 36-50	3.1	53
25	Brain-region-specific alterations of the trajectories of neuronal volume growth throughout the lifespan in autism. *Acta Neuropathologica Communications*, **2014**, 2, 28	7.3	48
24	Origin and turnover of microglial cells in fibrillar plaques of APPsw transgenic mice. *Acta Neuropathologica*, **2003**, 105, 393-402	14.3	48
23	Diffuse, lake-like amyloid-beta deposits in the parvopyramidal layer of the presubiculum in Alzheimer disease. *Journal of Neuropathology and Experimental Neurology*, **1998**, 57, 674-83	3.1	47

22	Kinetic properties of a MNB/DYRK1A mutant suitable for the elucidation of biochemical pathways. *Biochemistry*, **2006**, 45, 12011-9	3.2	44
21	Duration of neurofibrillary changes in the hippocampal pyramidal neurons. *Brain Research*, **1998**, 799, 156-8	3.7	40
20	Contribution of olivofloccular circuitry developmental defects to atypical gaze in autism. *Brain Research*, **2013**, 1512, 106-22	3.7	34
19	Abnormal intracellular accumulation and extracellular A deposition in idiopathic and Dup15q11.2-q13 autism spectrum disorders. *PLoS ONE*, **2012**, 7, e35414	3.7	34
18	Humoral immune response to fibrillar beta-amyloid peptide. *Biochemistry*, **2003**, 42, 11682-92	3.2	30
17	Effect of DYRK1A activity inhibition on development of neuronal progenitors isolated from Ts65Dn mice. *Journal of Neuroscience Research*, **2012**, 90, 999-1010	4.4	24
16	Overview of methodologic issues for pharmacologic trials in mild, moderate, and severe Alzheimer's disease. *International Psychogeriatrics*, **1996**, 8, 159-93	3.4	24
15	Neuronal nucleus and cytoplasm volume deficit in children with autism and volume increase in adolescents and adults. *Acta Neuropathologica Communications*, **2015**, 3, 2	7.3	22
14	Neuronal loss and beta-amyloid removal in the amygdala of people with Down syndrome. *Neurobiology of Aging*, **1999**, 20, 259-69	5.6	22
13	Intracellular distribution of differentially phosphorylated dual-specificity tyrosine phosphorylation-regulated kinase 1A (DYRK1A). *Journal of Neuroscience Research*, **2014**, 92, 162-73	4.4	17
12	The link between intraneuronal N-truncated amyloid- peptide and oxidatively modified lipids in idiopathic autism and dup(15q11.2-q13)/autism. *Acta Neuropathologica Communications*, **2013**, 1, 61	7.3	16
11	Partial Agenesis and Hypoplasia of the Corpus Callosum in Idiopathic Autism. *Journal of Neuropathology and Experimental Neurology*, **2017**, 76, 225-237	3.1	14
10	High-affinity rabbit monoclonal antibodies specific for amyloid peptides amyloid-40 and amyloid-42. *Journal of Alzheimer's Disease*, **2011**, 23, 293-305	4.3	14
9	Multiregional Age-Associated Reduction of Brain Neuronal Reserve Without Association With Neurofibrillary Degeneration or Amyloidosis. *Journal of Neuropathology and Experimental Neurology*, **2017**, 76, 439-457	3.1	13
8	Gene dosage-dependent association of DYRK1A with the cytoskeleton in the brain and lymphocytes of down syndrome patients. *Journal of Neuropathology and Experimental Neurology*, **2012**, 71, 1100-12	3.1	11
7	Significant neuronal soma volume deficit in the limbic system in subjects with 15q11.2-q13 duplications. *Acta Neuropathologica Communications*, **2015**, 3, 63	7.3	6
6	Enhanced accumulation of N-terminally truncated A with and without pyroglutamate-11 modification in parvalbumin-expressing GABAergic neurons in idiopathic and dup15q11.2-q13 autism. *Acta Neuropathologica Communications*, **2020**, 8, 58	7.3	2
5	Delayed Development of the Claustrum in Autism **2014**, 225-235		2

4	Clinicopathological Staging of Dynamics of Neurodegeneration and Neuronal Loss in Alzheimer Disease. *Journal of Neuropathology and Experimental Neurology*, **2021**, 80, 21-44	3.1	2
3	The role of reduced expression of fragile X mental retardation protein in neurons and increased expression in astrocytes in idiopathic and syndromic autism (duplications 15q11.2-q13). *Autism Research*, **2018**, 11, 1316-1331	5.1	1
2	Developmental deficits and staging of dynamics of age associated Alzheimer's disease neurodegeneration and neuronal loss in subjects with Down syndrome.. *Acta Neuropathologica Communications*, **2022**, 10, 2	7.3	1
1	Clinicopathological Stratification of Idiopathic Autism and Autism with 15q11.2–13 Duplications **2013**, 347-359		