Pentti J Tienari

List of Publications by Year
in descending order

78	10,686	186265 28	69250 77
papers	citations	h-index	g-index

78	78	78	12886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. Neuron, 2011, 72, 257-268.	8.1	3,833
2	Identification of novel risk loci, causal insights, and heritable risk for Parkinson's disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2019, 18, 1091-1102.	10.2	1,414
3	Frequency of the C9orf72 hexanucleotide repeat expansion in patients with amyotrophic lateral sclerosis and frontotemporal dementia: a cross-sectional study. Lancet Neurology, The, 2012, 11, 323-330.	10.2	1,039
4	Distinct sites of intracellular production for Alzheimer's disease AÎ²40/42 amyloid peptides. Nature Medicine, 1997, 3, 1016-1020.	30.7	716
5	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
6	A novel Î±-synuclein mutation A53E associated with atypical multiple system atrophy and Parkinson's disease-type pathology. Neurobiology of Aging, 2014, 35, 2180.e1-2180.e5.	3.1	396
7	Parkinson's disease age at onset genomeâ€wide association study: Defining heritability, genetic loci, and Î±â€synuclein mechanisms. Movement Disorders, 2019, 34, 866-875.	3.9	258
8	Chromosome 9p21 in amyotrophic lateral sclerosis in Finland: a genome-wide association study. Lancet Neurology, The, 2010, 9, 978-985.	10.2	236
9	A putative vulnerability locus to multiple sclerosis maps to 5p14â€“p12 in a region syntenic to the murine locus Eae2. Nature Genetics, 1996, 13, 477-480.	21.4	200
10	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. Nature Genetics, 2021, 53, 294-303.	21.4	198
11	Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. Lancet Neurology, The, 2018, 17, 64-74.	10.2	195
12	Genetic modifiers of risk and age at onset in GBA associated Parkinsonâ€™s disease and Lewy body dementia. Brain, 2020, 143, 234-248.	7.6	149
13	Shared polygenic risk and causal inferences in amyotrophic lateral sclerosis. Annals of Neurology, 2019, 85, 470-481.	5.3	118
14	Age-related penetrance of the C9orf72 repeat expansion. Scientific Reports, 2017, 7, 2116.	3.3	102
15	Genetic association of ?2-macroglobulin with Alzheimer's disease in a Finnish elderly population. Annals of Neurology, 1999, 46, 382-390.	5.3	98
16	Phosphorylation of Parkin at serine 65 is essential for its activationin vivo. Open Biology, 2018, 8, 180108.	3.6	81
17	Genome-Wide Analysis of the Heritability of Amyotrophic Lateral Sclerosis. JAMA Neurology, 2014, 71, 1123.	9.0	69
18	APOE Îµ4 associates with increased risk of severe COVID-19, cerebral microhaemorrhages and post-COVID mental fatigue: a Finnish biobank, autopsy and clinical study. Acta Neuropathologica Communications, 2021, 9, 199.	5.2	55

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19	The association of the dopamine transporter gene and the dopamine receptor 2 gene with delirium, a metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 648-655.	1.7	50
20	Lewy-related pathology exhibits two anatomically and genetically distinct progression patterns: a population-based study of Finns aged 85+. Acta Neuropathologica, 2019, 138, 771-782.	7.7	46
21	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46
22	Cerebrospinal Fluid TDP-43 in Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis Patients with and without the C9ORF72 Hexanucleotide Expansion. Dementia and Geriatric Cognitive Disorders Extra, 2016, 6, 142-149.	1.3	41
23	Cohort Profile: The Helsinki Businessmen Study (HBS). International Journal of Epidemiology, 2016, 45, 1074-1074h.	1.9	39
24	Neuronal intranuclear inclusion disease is genetically heterogeneous. Annals of Clinical and Translational Neurology, 2020, 7, 1716-1725.	3.7	38
25	Association of lipoprotein base Ser447Ter polymorphism with brain infarction: a population-based neuropathological study. Annals of Medicine, 2001, 33, 486-492.	3.8	36
26	Identification of genetic risk loci and prioritization of genes and pathways for myasthenia gravis: a genome-wide association study. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	36
27	A novel class of somatic mutations in blood detected preferentially in CD8 + cells. Clinical Immunology, 2017, 175, 75-81.	3.2	35
28	Hemophagocytic lymphohistiocytosis in 2 patients with multiple sclerosis treated with alemtuzumab. Neurology, 2018, 90, 849-851.	1.1	32
29	The Phenotype of the C9ORF72 Expansion Carriers According to Revised Criteria for bvFTD. PLoS ONE, 2015, 10, e0131817.	2.5	32
30	Melatonin receptor type 1A gene linked to Alzheimerâ€™s disease in old age. Sleep, 2018, 41, .	1.1	30
31	Populationâ€based analysis of pathological correlates of dementia in the oldest old. Annals of Clinical and Translational Neurology, 2017, 4, 154-165.	3.7	29
32	Heritability and genetic variance of dementia with Lewy bodies. Neurobiology of Disease, 2019, 127, 492-501.	4.4	29
33	Analysis of neurodegenerative disease-causing genes in dementia with Lewy bodies. Acta Neuropathologica Communications, 2020, 8, 5.	5.2	27
34	Generation of <scp>GFAP::GFP</scp> astrocyte reporter lines from human adult fibroblastâ€derived i<scp>PS</scp> cells using zincâ€finger nuclease technology. Glia, 2016, 64, 63-75.	4.9	26
35	Multiple sclerosis in Finland 2018â€”Data from the national register. Acta Neurologica Scandinavica, 2019, 140, 303-311.	2.1	26
36	Genomeâ€wide association study of neocortical Lewyâ€related pathology. Annals of Clinical and Translational Neurology, 2015, 2, 920-931.	3.7	25

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37	Attrition in a 30-year follow-up of a perinatal birth risk cohort: factors change with age. PeerJ, 2014, 2, e480.	2.0	25
38	Hippocampal Sclerosis in the Oldest Old: A Finnish Population-Based Study. Journal of Alzheimer's Disease, 2018, 63, 263-272.	2.6	20
39	Genetic risk factors in Finnish patients with Parkinson's disease. Parkinsonism and Related Disorders, 2017, 45, 39-43.	2.2	19
40	Putative risk alleles for LATEâ€NC with hippocampal sclerosis in populationâ€representative autopsy cohorts. Brain Pathology, 2020, 30, 364-372.	4.1	17
41	Alzheimer risk loci and associated neuropathology in a population-based study (Vantaa 85+). Neurology: Genetics, 2018, 4, e211.	1.9	16
42	C9orf72 hexanucleotide repeat length in older population: normal variation and effects on cognition. Neurobiology of Aging, 2019, 84, 242.e7-242.e12.	3.1	16
43	Carriership of two copies of C9orf72 hexanucleotide repeat intermediate-length alleles is a risk factor for ALS in the Finnish population. Acta Neuropathologica Communications, 2020, 8, 187.	5.2	16
44	Effectiveness of clinical exome sequencing in adult patients with difficultâ€toâ€diagnose neurological disorders. Acta Neurologica Scandinavica, 2022, 145, 63-72.	2.1	16
45	Multiple sclerosis in western Finland: evidence for a founder effect. Clinical Neurology and Neurosurgery, 2004, 106, 175-179.	1.4	15
46	Oligogenic basis of sporadic ALS. Neurology: Genetics, 2019, 5, e335.	1.9	15
47	CD8+ cell somatic mutations in multiple sclerosis patients and controlsâ€”Enrichment of mutations in STAT3 and other genes implicated in hematological malignancies. PLoS ONE, 2021, 16, e0261002.	2.5	15
48	Multiple Sclerosis: Multiple Etiologies, Multiple Genes?. Annals of Medicine, 1994, 26, 259-269.	3.8	13
49	A comprehensive screening of copy number variability in dementia with Lewy bodies. Neurobiology of Aging, 2019, 75, 223.e1-223.e10.	3.1	13
50	Geographical variation of medicated parkinsonism in Finland during 1995 to 2000. Movement Disorders, 2008, 23, 1024-1031.	3.9	12
51	Cardiovascular risk factors and glucose tolerance in midlife and risk of cognitive disorders in old age up to a 49-year follow-up of the Helsinki businessmen study. Annals of Medicine, 2017, 49, 462-469.	3.8	12
52	Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. Neurobiology of Aging, 2017, 49, 214.e13-214.e15.	3.1	12
53	Identification of two highly antigenic epitope markers predicting multiple sclerosis in optic neuritis patients. EBioMedicine, 2021, 64, 103211.	6.1	11
54	ALS in Finland. Neurology: Genetics, 2022, 8, e665.	1.9	11

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55	Orexin-A measurement in narcolepsy: A stability study and a comparison of LC-MS/MS and immunoassays. Clinical Biochemistry, 2021, 90, 34-39.	1.9	9
56	APOE and aging-related cognitive change in a longitudinal cohort of men. Neurobiology of Aging, 2016, 44, 151-158.	3.1	8
57	Alpha-synuclein pathology of olfactory bulbs/peduncles in the Vantaa85+â€‰cohort exhibit two divergent patterns: a population-based study. Acta Neuropathologica, 2021, 142, 777-780.	7.7	8
58	Magnetic Resonance Imaging of Internal Jugular Veins in Multiple Sclerosis: Interobserver Agreement and Comparison with Doppler Ultrasound Examination. Annals of Vascular Surgery, 2017, 42, 84-92.	0.9	7
59	SNCA mutation p.Ala53Glu is derived from a common founder in the Finnish population. Neurobiology of Aging, 2017, 50, 168.e5-168.e8.	3.1	7
60	TNFRSF1A in multiple sclerosis: A tale of soluble receptors and signaling cascades. Neurology, 2013, 81, 1886-1888.	1.1	6
61	Exome and regulatory element sequencing of neuromyelitis optica patients. Journal of Neuroimmunology, 2015, 289, 139-142.	2.3	6
62	Genetics of dementia in a Finnish cohort. European Journal of Human Genetics, 2018, 26, 827-837.	2.8	6
63	Common origin of the gelsolin gene variant in 62 Finnish AGel amyloidosis families. European Journal of Human Genetics, 2018, 26, 117-123.	2.8	6
64	Vascular and Alzheimer Disease in Dementia. Annals of Neurology, 2020, 87, 788-788.	5.3	6
65	A Novel Genetic Marker for the C9orf72 Repeat Expansion in the Finnish Population. Journal of Alzheimer's Disease, 2021, 83, 1325-1332.	2.6	6
66	Primary ageâ€related tauopathy in a Finnish populationâ€based study of the oldest old (Vantaa 85+). Neuropathology and Applied Neurobiology, 2022, 48, .	3.2	6
67	Suspected YF-AND after yellow fever vaccination in Finland. Journal of Clinical Virology, 2014, 61, 444-447.	3.1	5
68	A Novel Loss-of-Function GRN Mutation p.(Tyr229*):â€ŠClinical and Neuropathological Features. Journal of Alzheimer's Disease, 2016, 55, 1167-1174.	2.6	5
69	Incidence and Mimickers of Acute Idiopathic Optic Neuritis: Analysis of 291 Consecutive Patients from Southern Finland. Ophthalmic Epidemiology, 2018, 25, 386-391.	1.7	4
70	Multiple sclerosis in G: Genes and geography. Clinical Neurology and Neurosurgery, 2006, 108, 223-226.	1.4	3
71	The C9ORF72 expansion does not affect the phenotype in Nasu-Hakola disease with the DAP12 mutation. Neurobiology of Aging, 2014, 35, 1780.e13-1780.e17.	3.1	3
72	Heterozygous TYROBP deletion (PLOSLFIN) is not a strong risk factor for cognitive impairment. Neurobiology of Aging, 2018, 64, 159.e1-159.e4.	3.1	3

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73	Contributions of vascular and Alzheimer's disease pathology to dementia. Alzheimer's and Dementia, 2019, 15, 1004-1005.	0.8	3
74	The clinical spectrum and prognosis of idiopathic acute optic neuritis: A longitudinal study in Southern Finland. Multiple Sclerosis and Related Disorders, 2019, 35, 215-220.	2.0	2
75	APOE É›4, rs405509, and rs440446 promoter and intron-1 polymorphisms and dementia risk in a cohort of elderly Finnsâ€"Helsinki Birth Cohort Study. Neurobiology of Aging, 2019, 73, 230.e5-230.e8.	3.1	2
76	Finnish neuroscience from past to present. European Journal of Neuroscience, 2020, 52, 3273-3289.	2.6	2
77	Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease. EBioMedicine, 2022, 76, 103835.	6.1	2
78	P1-128: C9ORF72 EXPANSION DOES NOT HAVE EFFECTS ON CSF TDP-43 LEVELS IN FTLD PATIENTS. , 2014, 10, P347-P347.		0