

# Masato Hosokawa

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,311  
citations

304743

22  
h-index

233421

45  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prion-like spreading of pathological $\beta$ -synuclein in brain. <i>Brain</i> , 2013, 136, 1128-1138.	7.6	691
2	Pathological alpha-synuclein propagates through neural networks. <i>Acta Neuropathologica Communications</i> , 2014, 2, 88.	5.2	203
3	The Src/c-Abl pathway is a potential therapeutic target in amyotrophic lateral sclerosis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	182
4	Progranulin regulates lysosomal function and biogenesis through acidification of lysosomes. <i>Human Molecular Genetics</i> , 2017, 26, ddx011.	2.9	110
5	Phosphorylated and cleaved TDP-43 in ALS, FTD and other neurodegenerative disorders and in cellular models of TDP-43 proteinopathy. <i>Neuropathology</i> , 2010, 30, 170-181.	1.2	109
6	Molecular analysis and biochemical classification of TDP-43 proteinopathy. <i>Brain</i> , 2012, 135, 3380-3391.	7.6	95
7	Expression of complement messenger RNAs and proteins by human oligodendroglial cells. <i>Glia</i> , 2003, 42, 417-423.	4.9	83
8	Methylene Blue Reduced Abnormal Tau Accumulation in P301L Tau Transgenic Mice. <i>PLoS ONE</i> , 2012, 7, e52389.	2.5	79
9	A chemical chaperone, sodium 4-phenylbutyric acid, attenuates the pathogenic potency in human $\beta$ -synuclein A30P + A53T transgenic mice. <i>Parkinsonism and Related Disorders</i> , 2009, 15, 649-654.	2.2	72
10	Natural killer cells of Parkinson's disease patients are set up for activation: A possible role for innate immunity in the pathogenesis of this disease. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 46-51.	2.2	59
11	Progranulin Reduction Is Associated With Increased Tau Phosphorylation in P301L Tau Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 158-165.	1.7	46
12	$\beta$ -synuclein strains that cause distinct pathologies differentially inhibit proteasome. <i>ELife</i> , 2020, 9, .	6.0	45
13	Localization of fused in sarcoma (FUS) protein to the post-synaptic density in the brain. <i>Acta Neuropathologica</i> , 2012, 124, 383-394.	7.7	40
14	Microsomal prostaglandin E synthase-1 is induced in alzheimer's disease-like pathology in a mouse model. <i>Journal of Neuroscience Research</i> , 2013, 91, 909-919.	2.9	39
15	C9ORF72 dipeptide repeat poly-GA inclusions promote intracellular aggregation of phosphorylated TDP-43. <i>Human Molecular Genetics</i> , 2018, 27, 2658-2670.	2.9	39
16	Novel virus discovery in field-collected mosquito larvae using an improved system for rapid determination of viral RNA sequences (RDV ver4.0). <i>Archives of Virology</i> , 2009, 154, 153-158.	2.1	35
17	Familial ALS with FUS P525L mutation: two Japanese sisters with multiple systems involvement. <i>Journal of the Neurological Sciences</i> , 2012, 323, 85-92.	0.6	33
18	Long-term oral intake of aluminium or zinc does not accelerate Alzheimer pathology in $\beta$ PP and $\beta$ PP/tau transgenic mice. <i>Neuropathology</i> , 2012, 32, 390-397.	1.2	33

#	ARTICLE	IF	CITATIONS
19	Accumulation of multiple neurodegenerative disease-related proteins in familial frontotemporal lobar degeneration associated with granulin mutation. <i>Scientific Reports</i> , 2017, 7, 1513.	3.3	33
20	Distinct pathways leading to TDP-43-induced cellular dysfunctions. <i>Human Molecular Genetics</i> , 2014, 23, 4345-4356.	2.9	30
21	Tau accumulation in the nucleus accumbens in tangle-predominant dementia. <i>Acta Neuropathologica Communications</i> , 2014, 2, 40.	5.2	29
22	Differential diagnosis of amyotrophic lateral sclerosis from Guillain-Barré syndrome by quantitative determination of TDP-43 in cerebrospinal fluid. <i>International Journal of Neuroscience</i> , 2014, 124, 344-349.	1.6	26
23	Quantitative and combinatory determination of in situ phosphorylation of tau and its FTDP-17 mutants. <i>Scientific Reports</i> , 2016, 6, 33479.	3.3	21
24	The Abundance of Nonphosphorylated Tau in Mouse and Human Tauopathy Brains Revealed by the Use of Phos-Tag Method. <i>American Journal of Pathology</i> , 2016, 186, 398-409.	3.8	20
25	Early-life stress induces the development of Alzheimer's disease pathology via angiopathy. <i>Experimental Neurology</i> , 2021, 337, 113552.	4.1	17
26	Tyrosine 136 phosphorylation of $\alpha$ -synuclein aggregates in the Lewy body dementia brain: involvement of serine 129 phosphorylation by casein kinase 2. <i>Acta Neuropathologica Communications</i> , 2021, 9, 182.	5.2	17
27	Comparative study to elucidate the mechanism underlying the difference in airway hyperresponsiveness between two mouse strains. <i>International Immunopharmacology</i> , 2007, 7, 1852-1861.	3.8	16
28	Progranulin haploinsufficiency reduces amyloid beta deposition in Alzheimer's disease model mice. <i>Experimental Animals</i> , 2018, 67, 63-70.	1.1	14
29	Familial British dementia: colocalization of furin and A $\beta$ amyloid. <i>Acta Neuropathologica</i> , 2003, 106, 278-284.	7.7	12
30	Development of a novel tau propagation mouse model endogenously expressing 3 and 4 repeat tau isoforms. <i>Brain</i> , 2022, 145, 349-361.	7.6	11
31	Effects of progranulin on the pathological conditions in experimental myocardial infarction model. <i>Scientific Reports</i> , 2020, 10, 11842.	3.3	10
32	Chorea as a clinical feature of the basophilic inclusion body disease subtype of fused-in-sarcoma-associated frontotemporal lobar degeneration. <i>Acta Neuropathologica Communications</i> , 2016, 4, 36.	5.2	9
33	Clinical features of the behavioural variant of frontotemporal dementia that are useful for predicting underlying pathological subtypes of frontotemporal lobar degeneration. <i>Psychogeriatrics</i> , 2018, 18, 307-312.	1.2	7
34	Human oligodendroglial cells express low levels of C1 inhibitor and membrane cofactor protein mRNAs. <i>Journal of Neuroinflammation</i> , 2004, 1, 17.	7.2	6
35	Inhibition of HIV-1 infection in cells expressing an artificial complementary peptide. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 236-240.	2.1	6
36	Pathological features of FTL-D-FUS in a Japanese population: Analyses of nine cases. <i>Journal of the Neurological Sciences</i> , 2013, 335, 89-95.	0.6	6

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37	Dextran sulphate-induced tau assemblies cause endogenous tau aggregation and propagation in wild-type mice. <i>Brain Communications</i> , 2020, 2, fcaa091.	3.3	6
38	Pyriproxyfen enhances the immunoglobulin G immune response in mice. <i>Microbiology and Immunology</i> , 2013, 57, 316-322.	1.4	4
39	Atypical FTLΔFUS associated with ALSΔTDP: A case report. <i>Neuropathology</i> , 2013, 33, 83-86.	1.2	3
40	Enhancement and regulation effect of myrcene on antibody response in immunization with ovalbumin and Ag85B in mice. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2017, 34, 314-323.	0.4	3
41	Development of an Organ-Directed Exosome-Based siRNA-Carrier Derived from Autologous Serum for Lung Metastases and Testing in the B16/BL6 Spontaneous Lung Metastasis Model. <i>Pharmaceutics</i> , 2022, 14, 815.	4.5	3
42	Human IgM Monoclonal Antibodies Reactive with HIVΔ1ΔInfected Cells Generated Using a TransΔChromosome Mouse. <i>Microbiology and Immunology</i> , 2005, 49, 447-459.	1.4	2
43	An autopsied case of corticobasal degeneration showing severe cerebral atrophy over a protracted disease course of 16 years. <i>Neuropathology</i> , 2015, 35, 280-288.	1.2	2
44	Progranulin and Frontotemporal Lobar Degeneration. , 2019, , 35-69.		2
45	Therapeutic effect of anti-HMGB1 antibody in a mouse model of 4-h middle cerebral artery occlusion: comparison with tissue plasminogen activator. <i>NeuroReport</i> , 2022, 33, 297-303.	1.2	2
46	LCΔMS/MS assay for the investigation of acetylated Alpha-synuclein in serum from postmortem AlzheimerΔs disease pathology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1181, 122885.	2.3	1
47	P3Δ300: Phosphorylated TAU and AlphaΔSynuclein Accumulation in Familial Granulin Mutation Cases. <i>Alzheimer's and Dementia</i> , 2016, 12, P956.	0.8	0
48	PGRN and Neurodegenerative Diseases Other Than FTLΔ. , 2019, , 71-84.		0