

Martin Jeffrey

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10640283/martin-jeffrey-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68
papers

2,769
citations

31
h-index

51
g-index

68
ext. papers

2,930
ext. citations

5.8
avg, IF

4.56
L-index

#	Paper	IF	Citations
68	Getting a grip on prions: oligomers, amyloids, and pathological membrane interactions. <i>Annual Review of Biochemistry</i> , 2009 , 78, 177-204	29.1	258
67	Prion diseases are efficiently transmitted by blood transfusion in sheep. <i>Blood</i> , 2008 , 112, 4739-45	2.2	144
66	Sites of prion protein accumulation in scrapie-infected mouse spleen revealed by immuno-electron microscopy. <i>Journal of Pathology</i> , 2000 , 191, 323-32	9.4	133
65	Fatal transmissible amyloid encephalopathy: a new type of prion disease associated with lack of prion protein membrane anchoring. <i>PLoS Pathogens</i> , 2010 , 6, e1000800	7.6	110
64	Prion diseases: BSE in sheep bred for resistance to infection. <i>Nature</i> , 2003 , 423, 498	50.4	103
63	Distinct profiles of PrP(d) immunoreactivity in the brain of scrapie- and BSE-infected sheep: implications for differential cell targeting and PrP processing. <i>Journal of General Virology</i> , 2003 , 84, 1339-1350	4.9	103
62	Sensory circumventricular organs in health and disease. <i>Acta Neuropathologica</i> , 2010 , 120, 689-705	14.3	101
61	Scrapie-specific neuronal lesions are independent of neuronal PrP expression. <i>Annals of Neurology</i> , 2004 , 55, 781-92	9.4	85
60	Phenotype of disease-associated PrP accumulation in the brain of bovine spongiform encephalopathy experimentally infected sheep. <i>Journal of General Virology</i> , 2005 , 86, 827-838	4.9	81
59	Cell-associated variants of disease-specific prion protein immunolabelling are found in different sources of sheep transmissible spongiform encephalopathy. <i>Journal of General Virology</i> , 2003 , 84, 1033-1046	4.9	78
58	Distribution and accumulation of PrP in gut-associated and peripheral lymphoid tissue of scrapie-affected Suffolk sheep. <i>Journal of General Virology</i> , 2002 , 83, 479-489	4.9	74
57	The bank vole (<i>Myodes glareolus</i>) as a sensitive bioassay for sheep scrapie. <i>Journal of General Virology</i> , 2008 , 89, 2975-2985	4.9	65
56	High prevalence of scrapie in a dairy goat herd: tissue distribution of disease-associated PrP and effect of PRNP genotype and age. <i>Veterinary Research</i> , 2009 , 40, 65	3.8	62
55	Disease-associated PrP in the enteric nervous system of scrapie-affected Suffolk sheep. <i>Journal of General Virology</i> , 2003 , 84, 1327-1338	4.9	59
54	Cellular and sub-cellular pathology of animal prion diseases: relationship between morphological changes, accumulation of abnormal prion protein and clinical disease. <i>Acta Neuropathologica</i> , 2011 , 121, 113-34	14.3	58
53	Monitoring for bovine spongiform encephalopathy in sheep in Great Britain, 1998-2004. <i>Journal of General Virology</i> , 2006 , 87, 2099-2107	4.9	58
52	Comparative molecular analysis of the abnormal prion protein in field scrapie cases and experimental bovine spongiform encephalopathy in sheep by use of Western blotting and immunohistochemical methods. <i>Journal of Virology</i> , 2004 , 78, 3654-62	6.6	56

51	PrPCWD in rectal lymphoid tissue of deer (<i>Odocoileus</i> spp.). <i>Journal of General Virology</i> , 2007 , 88, 2078-2082	4.9	52
50	Follicular dendritic cells in TSE pathogenesis. <i>Trends in Immunology</i> , 2000 , 21, 442-6		49
49	Synaptic plasticity in the CA1 area of the hippocampus of scrapie-infected mice. <i>Neurobiology of Disease</i> , 1998 , 5, 188-95	7.5	48
48	Neuroinvasion in prion diseases: the roles of ascending neural infection and blood dissemination. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2010 , 2010, 747892	1.7	47
47	Temporary blockade of the tumor necrosis factor receptor signaling pathway impedes the spread of scrapie to the brain. <i>Journal of Virology</i> , 2002 , 76, 5131-9	6.6	46
46	Pathogenesis of natural goat scrapie: modulation by host PRNP genotype and effect of co-existent conditions. <i>Veterinary Research</i> , 2010 , 41, 48	3.8	44
45	Experimental oral transmission of chronic wasting disease to red deer (<i>Cervus elaphus elaphus</i>): early detection and late stage distribution of protease-resistant prion protein. <i>Canadian Veterinary Journal</i> , 2010 , 51, 169-78	0.5	41
44	Early loss of dendritic spines in murine scrapie revealed by confocal analysis. <i>NeuroReport</i> , 2001 , 12, 179-83	4.3	39
43	Susceptibility to scrapie and disease phenotype in sheep: cross-PRNP genotype experimental transmissions with natural sources. <i>Veterinary Research</i> , 2012 , 43, 55	3.8	38
42	Diagnosis of preclinical scrapie in samples of rectal mucosa. <i>Veterinary Record</i> , 2005 , 156, 846-7	0.9	37
41	Immunohistochemical characteristics of disease-associated PrP are not altered by host genotype or route of inoculation following infection of sheep with bovine spongiform encephalopathy. <i>Journal of General Virology</i> , 2005 , 86, 839-848	4.9	37
40	The neuropathologic phenotype of experimental ovine BSE is maintained after blood transfusion. <i>Blood</i> , 2006 , 108, 745-8	2.2	36
39	Apoptosis and dendritic dysfunction precede prion protein accumulation in 87V scrapie. <i>NeuroReport</i> , 2001 , 12, 2147-53	1.7	36
38	Strain-associated variations in abnormal PrP trafficking of sheep scrapie. <i>Brain Pathology</i> , 2009 , 19, 1-116		31
37	Pruritus is a common feature in sheep infected with the BSE agent. <i>BMC Veterinary Research</i> , 2008 , 4, 16	2.7	29
36	Scrapie-specific pathology of sheep lymphoid tissues. <i>PLoS ONE</i> , 2007 , 2, e1304	3.7	28
35	Immunohistochemical and biochemical characteristics of BSE and CWD in experimentally infected European red deer (<i>Cervus elaphus elaphus</i>). <i>BMC Veterinary Research</i> , 2009 , 5, 26	2.7	27
34	Variability in disease phenotypes within a single PRNP genotype suggests the existence of multiple natural sheep scrapie strains within Europe. <i>Journal of General Virology</i> , 2010 , 91, 2630-41	4.9	26

33	Prion protein in kidneys of scrapie-infected sheep. <i>Veterinary Record</i> , 2006 , 159, 327-8	0.9	26
32	Alterations in potassium currents may trigger neurodegeneration in murine scrapie. <i>Experimental Neurology</i> , 1998 , 151, 326-33	5.7	26
31	Three serial passages of bovine spongiform encephalopathy in sheep do not significantly affect discriminatory test results. <i>Journal of General Virology</i> , 2009 , 90, 764-768	4.9	25
30	PrP aggregation can be seeded by pre-formed recombinant PrP amyloid fibrils without the replication of infectious prions. <i>Acta Neuropathologica</i> , 2016 , 132, 611-24	14.3	25
29	Comparative Susceptibility of Sheep of Different Origins, Breeds and PRNP Genotypes to Challenge with Bovine Spongiform Encephalopathy and Scrapie. <i>PLoS ONE</i> , 2015 , 10, e0143251	3.7	23
28	Membrane-anchored A β accelerates amyloid formation and exacerbates amyloid-associated toxicity in mice. <i>Journal of Neuroscience</i> , 2013 , 33, 19284-94	6.6	23
27	Activation of Fas and caspase 3 precedes PrP accumulation in 87V scrapie. <i>NeuroReport</i> , 2001 , 12, 3567-72	2.7	23
26	Experimental transmission of bovine spongiform encephalopathy to European red deer (<i>Cervus elaphus elaphus</i>). <i>BMC Veterinary Research</i> , 2008 , 4, 17	2.7	21
25	Infectious titres of sheep scrapie and bovine spongiform encephalopathy agents cannot be accurately predicted from quantitative laboratory test results. <i>Journal of General Virology</i> , 2012 , 93, 2518-2527	4.9	20
24	Mechanism of PrP-amyloid formation in mice without transmissible spongiform encephalopathy. <i>Brain Pathology</i> , 2012 , 22, 58-66	6	19
23	Prion protein with an insertional mutation accumulates on axonal and dendritic plasmalemma and is associated with distinctive ultrastructural changes. <i>American Journal of Pathology</i> , 2009 , 175, 1208-17	5.8	19
22	Sub-cellular pathology of scrapie: coated pits are increased in PrP codon 136 alanine homozygous scrapie-affected sheep. <i>Acta Neuropathologica</i> , 2003 , 106, 17-28	14.3	19
21	Adaptation and evaluation of a rapid test for the diagnosis of sheep scrapie in samples of rectal mucosa. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008 , 20, 203-8	1.5	18
20	Comparative titration of experimental ovine BSE infectivity in sheep and mice. <i>Journal of General Virology</i> , 2007 , 88, 714-717	4.9	18
19	Incidence of infection in Prnp ARR/ARR sheep following experimental inoculation with or natural exposure to classical scrapie. <i>PLoS ONE</i> , 2014 , 9, e91026	3.7	17
18	Scrapie affects the maturation cycle and immune complex trapping by follicular dendritic cells in mice. <i>PLoS ONE</i> , 2009 , 4, e8186	3.7	16
17	Detection and localisation of PrP(Sc) in the liver of sheep infected with scrapie and bovine spongiform encephalopathy. <i>PLoS ONE</i> , 2011 , 6, e19737	3.7	16
16	Intraperitoneal Infection of Wild-Type Mice with Synthetically Generated Mammalian Prion. <i>PLoS Pathogens</i> , 2015 , 11, e1004958	7.6	15

15	Disease phenotype in sheep after infection with cloned murine scrapie strains. <i>Prion</i> , 2012 , 6, 174-83	2.3	13
14	Relationships between ultrastructural scrapie pathology and patterns of abnormal prion protein accumulation. <i>Acta Neuropathologica</i> , 2004 , 107, 428-38	14.3	9
13	Dynamics of the natural transmission of bovine spongiform encephalopathy within an intensively managed sheep flock. <i>Veterinary Research</i> , 2015 , 46, 126	3.8	8
12	Susceptibility of European red deer (<i>Cervus elaphus elaphus</i>) to alimentary challenge with bovine spongiform encephalopathy. <i>PLoS ONE</i> , 2015 , 10, e0116094	3.7	8
11	Minimum Effective Dose of Cattle and Sheep BSE for Oral Sheep Infection. <i>PLoS ONE</i> , 2016 , 11, e0151440	3.7	8
10	Genotype-dependent molecular evolution of sheep bovine spongiform encephalopathy (BSE) prions in vitro affects their zoonotic potential. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26075-26088	5.4	7
9	Exosome-producing follicle associated epithelium is not involved in uptake of PrPd from the gut of sheep (<i>Ovis aries</i>): an ultrastructural study. <i>PLoS ONE</i> , 2011 , 6, e22180	3.7	7
8	Membrane toxicity of abnormal prion protein in adrenal chromaffin cells of scrapie infected sheep. <i>PLoS ONE</i> , 2013 , 8, e58620	3.7	6
7	Phenotypic characterization of cells participating in transport of prion protein aggregates across the intestinal mucosa of sheep. <i>Prion</i> , 2012 , 6, 261-75	2.3	5
6	Membrane pathology and microglial activation of mice expressing membrane anchored or membrane released forms of Aβ and mutated human Alzheimer's precursor protein (APP). <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 458-70	5.2	4
5	Stability of murine scrapie strain 87V after passage in sheep and comparison with the CH1641 ovine strain. <i>Journal of General Virology</i> , 2015 , 96, 3703-3714	4.9	4
4	Ultrastructure and pathology of prion protein amyloid accumulation and cellular damage in extraneural tissues of scrapie-infected transgenic mice expressing anchorless prion protein. <i>Prion</i> , 2017 , 11, 234-248	2.3	2
3	Membrane Changes in BSE and Scrapie 2011 , 207-230		
2	Subcellular and Molecular Changes Associated with Abnormal PrP Accumulation in Brain and Viscera of Classical and Atypical Prion Diseases. <i>Neuromethods</i> , 2017 , 99-121	0.4	
1	BSE can propagate in sheep co-infected or pre-infected with scrapie. <i>Scientific Reports</i> , 2021 , 11, 11931	4.9	