

# Martin Jeffrey

## List of Publications by Year in Descending Order

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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.

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	BSE can propagate in sheep co-infected or pre-infected with scrapie. <i>Scientific Reports</i> , <b>2021</b> , 11, 11931	4.9	
67	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> , <b>2017</b> , 11, 234-248	2.3	2
66	Subcellular and Molecular Changes Associated with Abnormal PrP Accumulation in Brain and Viscera of Classical and Atypical Prion Diseases. <i>Neuromethods</i> , <b>2017</b> , 99-121	0.4	
65	Minimum Effective Dose of Cattle and Sheep BSE for Oral Sheep Infection. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151440	3.7	8
64	PrP aggregation can be seeded by pre-formed recombinant PrP amyloid fibrils without the replication of infectious prions. <i>Acta Neuropathologica</i> , <b>2016</b> , 132, 611-24	14.3	25
63	Membrane pathology and microglial activation of mice expressing membrane anchored or membrane released forms of A $\beta$ and mutated human Alzheimer's precursor protein (APP). <i>Neuropathology and Applied Neurobiology</i> , <b>2015</b> , 41, 458-70	5.2	4
62	Dynamics of the natural transmission of bovine spongiform encephalopathy within an intensively managed sheep flock. <i>Veterinary Research</i> , <b>2015</b> , 46, 126	3.8	8
61	Susceptibility of European red deer ( <i>Cervus elaphus elaphus</i> ) to alimentary challenge with bovine spongiform encephalopathy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116094	3.7	8
60	Comparative Susceptibility of Sheep of Different Origins, Breeds and PRNP Genotypes to Challenge with Bovine Spongiform Encephalopathy and Scrapie. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143251	3.7	23
59	Intraperitoneal Infection of Wild-Type Mice with Synthetically Generated Mammalian Prion. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004958	7.6	15
58	Stability of murine scrapie strain 87V after passage in sheep and comparison with the CH1641 ovine strain. <i>Journal of General Virology</i> , <b>2015</b> , 96, 3703-3714	4.9	4
57	Genotype-dependent molecular evolution of sheep bovine spongiform encephalopathy (BSE) prions in vitro affects their zoonotic potential. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26075-26088	5.4	7
56	Incidence of infection in Prnp ARR/ARR sheep following experimental inoculation with or natural exposure to classical scrapie. <i>PLoS ONE</i> , <b>2014</b> , 9, e91026	3.7	17
55	Membrane-anchored A $\beta$ accelerates amyloid formation and exacerbates amyloid-associated toxicity in mice. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 19284-94	6.6	23
54	Membrane toxicity of abnormal prion protein in adrenal chromaffin cells of scrapie infected sheep. <i>PLoS ONE</i> , <b>2013</b> , 8, e58620	3.7	6
53	Susceptibility to scrapie and disease phenotype in sheep: cross-PRNP genotype experimental transmissions with natural sources. <i>Veterinary Research</i> , <b>2012</b> , 43, 55	3.8	38
52	Mechanism of PrP-amyloid formation in mice without transmissible spongiform encephalopathy. <i>Brain Pathology</i> , <b>2012</b> , 22, 58-66	6	19

51	Disease phenotype in sheep after infection with cloned murine scrapie strains. <i>Prion</i> , <b>2012</b> , 6, 174-83	2.3	13
50	Phenotypic characterization of cells participating in transport of prion protein aggregates across the intestinal mucosa of sheep. <i>Prion</i> , <b>2012</b> , 6, 261-75	2.3	5
49	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> , <b>2012</b> , 93, 2518-2527	4.9	20
48	Membrane Changes in BSE and Scrapie <b>2011</b> , 207-230		
47	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> , <b>2011</b> , 6, e22180	3.7	7
46	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> , <b>2011</b> , 121, 113-34	14.3	58
45	Detection and localisation of PrP(Sc) in the liver of sheep infected with scrapie and bovine spongiform encephalopathy. <i>PLoS ONE</i> , <b>2011</b> , 6, e19737	3.7	16
44	Pathogenesis of natural goat scrapie: modulation by host PRNP genotype and effect of co-existent conditions. <i>Veterinary Research</i> , <b>2010</b> , 41, 48	3.8	44
43	Neuroinvasion in prion diseases: the roles of ascending neural infection and blood dissemination. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , <b>2010</b> , 2010, 747892	1.7	47
42	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> , <b>2010</b> , 91, 2630-41	4.9	26
41	Fatal transmissible amyloid encephalopathy: a new type of prion disease associated with lack of prion protein membrane anchoring. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000800	7.6	110
40	Sensory circumventricular organs in health and disease. <i>Acta Neuropathologica</i> , <b>2010</b> , 120, 689-705	14.3	101
39	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> , <b>2010</b> , 51, 169-78	0.5	41
38	Scrapie affects the maturation cycle and immune complex trapping by follicular dendritic cells in mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e8186	3.7	16
37	Three serial passages of bovine spongiform encephalopathy in sheep do not significantly affect discriminatory test results. <i>Journal of General Virology</i> , <b>2009</b> , 90, 764-768	4.9	25
36	Immunohistochemical and biochemical characteristics of BSE and CWD in experimentally infected European red deer ( <i>Cervus elaphus elaphus</i> ). <i>BMC Veterinary Research</i> , <b>2009</b> , 5, 26	2.7	27
35	Strain-associated variations in abnormal PrP trafficking of sheep scrapie. <i>Brain Pathology</i> , <b>2009</b> , 19, 1-116		31
34	Getting a grip on prions: oligomers, amyloids, and pathological membrane interactions. <i>Annual Review of Biochemistry</i> , <b>2009</b> , 78, 177-204	29.1	258

33	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> , <b>2009</b> , 175, 1208-17	5.8	19
32	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> , <b>2009</b> , 40, 65	3.8	62
31	The bank vole ( <i>Myodes glareolus</i> ) as a sensitive bioassay for sheep scrapie. <i>Journal of General Virology</i> , <b>2008</b> , 89, 2975-2985	4.9	65
30	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> , <b>2008</b> , 20, 203-8	1.5	18
29	Prion diseases are efficiently transmitted by blood transfusion in sheep. <i>Blood</i> , <b>2008</b> , 112, 4739-45	2.2	144
28	Pruritus is a common feature in sheep infected with the BSE agent. <i>BMC Veterinary Research</i> , <b>2008</b> , 4, 16	2.7	29
27	Experimental transmission of bovine spongiform encephalopathy to European red deer ( <i>Cervus elaphus elaphus</i> ). <i>BMC Veterinary Research</i> , <b>2008</b> , 4, 17	2.7	21
26	Scrapie-specific pathology of sheep lymphoid tissues. <i>PLoS ONE</i> , <b>2007</b> , 2, e1304	3.7	28
25	PrPCWD in rectal lymphoid tissue of deer ( <i>Odocoileus</i> spp.). <i>Journal of General Virology</i> , <b>2007</b> , 88, 2078-2082	4.9	52
24	Comparative titration of experimental ovine BSE infectivity in sheep and mice. <i>Journal of General Virology</i> , <b>2007</b> , 88, 714-717	4.9	18
23	Prion protein in kidneys of scrapie-infected sheep. <i>Veterinary Record</i> , <b>2006</b> , 159, 327-8	0.9	26
22	The neuropathologic phenotype of experimental ovine BSE is maintained after blood transfusion. <i>Blood</i> , <b>2006</b> , 108, 745-8	2.2	36
21	Monitoring for bovine spongiform encephalopathy in sheep in Great Britain, 1998-2004. <i>Journal of General Virology</i> , <b>2006</b> , 87, 2099-2107	4.9	58
20	Phenotype of disease-associated PrP accumulation in the brain of bovine spongiform encephalopathy experimentally infected sheep. <i>Journal of General Virology</i> , <b>2005</b> , 86, 827-838	4.9	81
19	Diagnosis of preclinical scrapie in samples of rectal mucosa. <i>Veterinary Record</i> , <b>2005</b> , 156, 846-7	0.9	37
18	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> , <b>2005</b> , 86, 839-848	4.9	37
17	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> , <b>2004</b> , 78, 3654-62	6.6	56
16	Relationships between ultrastructural scrapie pathology and patterns of abnormal prion protein accumulation. <i>Acta Neuropathologica</i> , <b>2004</b> , 107, 428-38	14.3	9

15	Scrapie-specific neuronal lesions are independent of neuronal PrP expression. <i>Annals of Neurology</i> , <b>2004</b> , 55, 781-92	9.4	85
14	Disease-associated PrP in the enteric nervous system of scrapie-affected Suffolk sheep. <i>Journal of General Virology</i> , <b>2003</b> , 84, 1327-1338	4.9	59
13	Sub-cellular pathology of scrapie: coated pits are increased in PrP codon 136 alanine homozygous scrapie-affected sheep. <i>Acta Neuropathologica</i> , <b>2003</b> , 106, 17-28	14.3	19
12	Prion diseases: BSE in sheep bred for resistance to infection. <i>Nature</i> , <b>2003</b> , 423, 498	50.4	103
11	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> , <b>2003</b> , 84, 1339-1350	4.9	103
10	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> , <b>2003</b> , 84, 1033-1046	4.9	78
9	Temporary blockade of the tumor necrosis factor receptor signaling pathway impedes the spread of scrapie to the brain. <i>Journal of Virology</i> , <b>2002</b> , 76, 5131-9	6.6	46
8	Distribution and accumulation of PrP in gut-associated and peripheral lymphoid tissue of scrapie-affected Suffolk sheep. <i>Journal of General Virology</i> , <b>2002</b> , 83, 479-489	4.9	74
7	Apoptosis and dendritic dysfunction precede prion protein accumulation in 87V scrapie. <i>NeuroReport</i> , <b>2001</b> , 12, 2147-53	1.7	36
6	Activation of Fas and caspase 3 precedes PrP accumulation in 87V scrapie. <i>NeuroReport</i> , <b>2001</b> , 12, 3567-72	1.7	23
5	Early loss of dendritic spines in murine scrapie revealed by confocal analysis. <i>NeuroReport</i> , <b>2001</b> , 12, 179-83	1.7	39
4	Sites of prion protein accumulation in scrapie-infected mouse spleen revealed by immuno-electron microscopy. <i>Journal of Pathology</i> , <b>2000</b> , 191, 323-32	9.4	133
3	Follicular dendritic cells in TSE pathogenesis. <i>Trends in Immunology</i> , <b>2000</b> , 21, 442-6		49
2	Alterations in potassium currents may trigger neurodegeneration in murine scrapie. <i>Experimental Neurology</i> , <b>1998</b> , 151, 326-33	5.7	26
1	Synaptic plasticity in the CA1 area of the hippocampus of scrapie-infected mice. <i>Neurobiology of Disease</i> , <b>1998</b> , 5, 188-95	7.5	48