

# Martin Jeffrey

## List of Publications by Year in descending order

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67  
papers

3,079  
citations

136885

32  
h-index

155592

55  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Getting a Grip on Prions: Oligomers, Amyloids, and Pathological Membrane Interactions. Annual Review of Biochemistry, 2009, 78, 177-204.	5.0	288
2	Prion diseases are efficiently transmitted by blood transfusion in sheep. Blood, 2008, 112, 4739-4745.	0.6	158
3	Sites of prion protein accumulation in scrapie-infected mouse spleen revealed by immuno-electron microscopy. Journal of Pathology, 2000, 191, 323-332.	2.1	143
4	Fatal Transmissible Amyloid Encephalopathy: A New Type of Prion Disease Associated with Lack of Prion Protein Membrane Anchoring. PLoS Pathogens, 2010, 6, e1000800.	2.1	120
5	BSE in sheep bred for resistance to infection. Nature, 2003, 423, 498-498.	13.7	116
6	Sensory circumventricular organs in health and disease. Acta Neuropathologica, 2010, 120, 689-705.	3.9	115
7	Distinct profiles of PrP <sup>d</sup> immunoreactivity in the brain of scrapie- and BSE-infected sheep: implications for differential cell targeting and PrP processing. Journal of General Virology, 2003, 84, 1339-1350.	1.3	114
8	Scrapie-specific neuronal lesions are independent of neuronal PrP expression. Annals of Neurology, 2004, 55, 781-792.	2.8	97
9	Phenotype of disease-associated PrP accumulation in the brain of bovine spongiform encephalopathy experimentally infected sheep. Journal of General Virology, 2005, 86, 827-838.	1.3	86
10	Distribution and accumulation of PrP in gut-associated and peripheral lymphoid tissue of scrapie-affected Suffolk sheep. Journal of General Virology, 2002, 83, 479-489.	1.3	86
11	Cell-associated variants of disease-specific prion protein immunolabelling are found in different sources of sheep transmissible spongiform encephalopathy. Journal of General Virology, 2003, 84, 1033-1046.	1.3	83
12	The bank vole ( <i>Myodes glareolus</i> ) as a sensitive bioassay for sheep scrapie. Journal of General Virology, 2008, 89, 2975-2985.	1.3	73
13	High prevalence of scrapie in a dairy goat herd: tissue distribution of disease-associated PrP and effect of PrNP genotype and age. Veterinary Research, 2009, 40, 65.	1.1	69
14	Cellular and sub-cellular pathology of animal prion diseases: relationship between morphological changes, accumulation of abnormal prion protein and clinical disease. Acta Neuropathologica, 2011, 121, 113-134.	3.9	65
15	Disease-associated PrP in the enteric nervous system of scrapie-affected Suffolk sheep. Journal of General Virology, 2003, 84, 1327-1338.	1.3	63
16	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. Journal of Virology, 2004, 78, 3654-3662.	1.5	63
17	Monitoring for bovine spongiform encephalopathy in sheep in Great Britain, 1998-2004. Journal of General Virology, 2006, 87, 2099-2107.	1.3	62
18	PrPCWD in rectal lymphoid tissue of deer ( <i>Odocoileus</i> spp.). Journal of General Virology, 2007, 88, 2078-2082.	1.3	61

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19	Follicular dendritic cells in TSE pathogenesis. <i>Trends in Immunology</i> , 2000, 21, 442-446.	7.5	56
20	Neuroinvasion in Prion Diseases: The Roles of Ascending Neural Infection and Blood Dissemination. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2010, 2010, 1-16.	0.6	55
21	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, 5131-5139.	1.5	52
22	Pathogenesis of natural goat scrapie: modulation by host PRNP genotype and effect of co-existent conditions. <i>Veterinary Research</i> , 2010, 41, 48.	1.1	52
23	Synaptic Plasticity in the CA1 Area of the Hippocampus of Scrapie-Infected Mice. <i>Neurobiology of Disease</i> , 1998, 5, 188-195.	2.1	50
24	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.	0.0	46
25	Early loss of dendritic spines in murine scrapie revealed by confocal analysis. <i>NeuroReport</i> , 2001, 12, 179-183.	0.6	44
26	Diagnosis of preclinical scrapie in samples of rectal mucosa. <i>Veterinary Record</i> , 2005, 156, 846-847.	0.2	43
27	The neuropathologic phenotype of experimental ovine BSE is maintained after blood transfusion. <i>Blood</i> , 2006, 108, 745-748.	0.6	42
28	Susceptibility to scrapie and disease phenotype in sheep: cross-PRNP genotype experimental transmissions with natural sources. <i>Veterinary Research</i> , 2012, 43, 55.	1.1	40
29	Apoptosis and dendritic dysfunction precede prion protein accumulation in 87V scrapie. <i>NeuroReport</i> , 2001, 12, 2147-2153.	0.6	38
30	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.	1.3	38
31	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.	0.7	35
32	Strain-Associated Variations in Abnormal PrP Trafficking of Sheep Scrapie. <i>Brain Pathology</i> , 2009, 19, 1-11.	2.1	33
33	Pruritus is a common feature in sheep infected with the BSE agent. <i>BMC Veterinary Research</i> , 2008, 4, 16.	0.7	32
34	Scrapie-Specific Pathology of Sheep Lymphoid Tissues. <i>PLoS ONE</i> , 2007, 2, e1304.	1.1	32
35	Membrane-Anchored A $\beta$ 2 Accelerates Amyloid Formation and Exacerbates Amyloid-Associated Toxicity in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 19284-19294.	1.7	30
36	PrP aggregation can be seeded by pre-formed recombinant PrP amyloid fibrils without the replication of infectious prions. <i>Acta Neuropathologica</i> , 2016, 132, 611-624.	3.9	30

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37	Prion protein in kidneys of scrapie-infected sheep. <i>Veterinary Record</i> , 2006, 159, 327-328.	0.2	29
38	Alterations in Potassium Currents May Trigger Neurodegeneration in Murine Scrapie. <i>Experimental Neurology</i> , 1998, 151, 326-333.	2.0	28
39	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, 2630-2641.	1.3	28
40	Experimental transmission of bovine spongiform encephalopathy to European red deer ( <i>Cervus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.7	27
41	Activation of Fas and caspase 3 precedes PrP accumulation in 87V scrapie. <i>NeuroReport</i> , 2001, 12, 3567-3572.	0.6	26
42	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.	1.3	26
43	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.	1.1	26
44	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, 1208-1217.	1.9	21
45	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.	1.3	21
46	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, 203-208.	0.5	20
47	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.	1.1	20
48	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.	3.9	19
49	Scrapie Affects the Maturation Cycle and Immune Complex Trapping by Follicular Dendritic Cells in Mice. <i>PLoS ONE</i> , 2009, 4, e8186.	1.1	19
50	Mechanism of PrP <sup>Sc</sup> Amyloid Formation in Mice Without Transmissible Spongiform Encephalopathy. <i>Brain Pathology</i> , 2012, 22, 58-66.	2.1	19
51	Intraperitoneal Infection of Wild-Type Mice with Synthetically Generated Mammalian Prion. <i>PLoS Pathogens</i> , 2015, 11, e1004958.	2.1	19
52	Comparative titration of experimental ovine BSE infectivity in sheep and mice. <i>Journal of General Virology</i> , 2007, 88, 714-717.	1.3	19
53	Detection and Localisation of PrP <sup>Sc</sup> in the Liver of Sheep Infected with Scrapie and Bovine Spongiform Encephalopathy. <i>PLoS ONE</i> , 2011, 6, e19737.	1.1	16
54	Disease phenotype in sheep after infection with cloned murine scrapie strains. <i>Prion</i> , 2012, 6, 174-183.	0.9	13

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55	Relationships between ultrastructural scrapie pathology and patterns of abnormal prion protein accumulation. <i>Acta Neuropathologica</i> , 2004, 107, 428-438.	3.9	9
56	Dynamics of the natural transmission of bovine spongiform encephalopathy within an intensively managed sheep flock. <i>Veterinary Research</i> , 2015, 46, 126.	1.1	9
57	Susceptibility of European Red Deer ( <i>Cervus elaphus elaphus</i> ) to Alimentary Challenge with Bovine Spongiform Encephalopathy. <i>PLoS ONE</i> , 2015, 10, e0116094.	1.1	9
58	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.	1.1	8
59	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.	1.6	8
60	Minimum Effective Dose of Cattle and Sheep BSE for Oral Sheep Infection. <i>PLoS ONE</i> , 2016, 11, e0151440.	1.1	8
61	Membrane Toxicity of Abnormal Prion Protein in Adrenal Chromaffin Cells of Scrapie Infected Sheep. <i>PLoS ONE</i> , 2013, 8, e58620.	1.1	7
62	Phenotypic characterization of cells participating in transport of prion protein aggregates across the intestinal mucosa of sheep. <i>Prion</i> , 2012, 6, 261-275.	0.9	5
63	Membrane pathology and microglial activation of mice expressing membrane anchored or membrane released forms of $\text{PrP}^{\text{Sc}}$ and mutated human $\text{PrP}^{\text{Sc}}$ Alzheimer's precursor protein ( $\text{APP}$ ). <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 458-470.	1.8	4
64	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.	1.3	4
65	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.	0.9	2
66	BSE can propagate in sheep co-infected or pre-infected with scrapie. <i>Scientific Reports</i> , 2021, 11, 11931.	1.6	0
67	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.	0.2	0