Olivier AndrÃ©oletti

List of Publications by Year
in descending order

85	3,727	109137	133063
papers	citations	35 h-index	59 g-index

86	86	86	1717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early accumulation of PrPSc in gut-associated lymphoid and nervous tissues of susceptible sheep from a Romanov flock with natural scrapie. Journal of General Virology, 2000, 81, 3115-3126.	1.3	372
2	A newly identified type of scrapie agent can naturally infect sheep with resistant PrP genotypes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16031-16036.	3.3	225
3	BSE agent signatures in a goat. Veterinary Record, 2005, 156, 523-524.	0.2	201
4	Haemonchus contortus(Nematoda: Trichostrongylidae) infection in lambs elicits an unequivocal Th2 immune response. Veterinary Research, 2006, 37, 607-622.	1.1	126
5	Sheep and Goat BSE Propagate More Efficiently than Cattle BSE in Human PrP Transgenic Mice. PLoS Pathogens, 2011, 7, e1001319.	2.1	125
6	A Bovine Prion Acquires an Epidemic Bovine Spongiform Encephalopathy Strain-Like Phenotype on Interspecies Transmission. Journal of Neuroscience, 2007, 27, 6965-6971.	1.7	122
7	Evidence for zoonotic potential of ovine scrapie prions. Nature Communications, 2014, 5, 5821.	5.8	117
8	Atypical/Nor98 Scrapie Infectivity in Sheep Peripheral Tissues. PLoS Pathogens, 2011, 7, e1001285.	2.1	105
9	Preclinical Detection of Variant CJD and BSE Prions in Blood. PLoS Pathogens, 2014, 10, e1004202.	2.1	95
10	Prions in Milk from Ewes Incubating Natural Scrapie. PLoS Pathogens, 2008, 4, e1000238.	2.1	91
11	Similar Biochemical Signatures and Prion Protein Genotypes in Atypical Scrapie and Nor98 Cases, France and Norway. Emerging Infectious Diseases, 2007, 13, 58-65.	2.0	89
12	Highly Efficient Prion Transmission by Blood Transfusion. PLoS Pathogens, 2012, 8, e1002782.	2.1	83
13	Beyond PrPres Type 1/Type 2 Dichotomy in Creutzfeldt-Jakob Disease. PLoS Pathogens, 2008, 4, e1000029.	2.1	81
14	Cultured Peripheral Neuroglial Cells Are Highly Permissive to Sheep Prion Infection. Journal of Virology, 2004, 78, 482-490.	1.5	79
15	Chronic wasting disease and atypical forms of bovine spongiform encephalopathy and scrapie are not transmissible to mice expressing wild-type levels of human prion protein. Journal of General Virology, 2012, 93, 1624-1629.	1.3	78
16	Transmission of scrapie prions to primate after an extended silent incubation period. Scientific Reports, 2015, 5, 11573.	1.6	69
17	Phenotyping of Protein-Prion (PrPsc)-accumulating Cells in Lymphoid and Neural Tissues of Naturally Scrapie-affected Sheep by Double-labeling Immunohistochemistry. Journal of Histochemistry and Cytochemistry, 2002, 50, 1357-1370.	1.3	66
18	Detection of Infectivity in Blood of Persons with Variant and Sporadic Creutzfeldt-Jakob Disease. Emerging Infectious Diseases, 2014, 20, 114-117.	2.0	66

#	Article	IF	Citations
19	Animal prion diseases: the risks to human health. Brain Pathology, 2019, 29, 248-262.	2.1	63
20	Sheep-Passaged Bovine Spongiform Encephalopathy Agent Exhibits Altered Pathobiological Properties in Bovine-PrP Transgenic Mice. Journal of Virology, 2007, 81, 835-843.	1.5	62
21	Transgenic Mice Expressing Porcine Prion Protein Resistant to Classical Scrapie but Susceptible to Sheep Bovine Spongiform Encephalopathy and Atypical Scrapie. Emerging Infectious Diseases, 2009, 15, 1214-1221.	2.0	61
22	PrP-associated resistance to scrapie in five highly infected goat herds. Journal of General Virology, 2013, 94, 241-245.	1.3	61
23	Prionemia and Leukocyte-Platelet-Associated Infectivity in Sheep Transmissible Spongiform Encephalopathy Models. Journal of Virology, 2012, 86, 2056-2066.	1.5	60
24	Polygenic variation and transmission factors involved in the resistance/susceptibility to scrapie in a Romanov flock. Journal of General Virology, 2005, 86, 849-857.	1.3	56
25	Classical Bovine Spongiform Encephalopathy by Transmission of H-Type Prion in Homologous Prion Protein Context. Emerging Infectious Diseases, 2011, 17, 1636-1644.	2.0	56
26	Genetic Resistance to Scrapie Infection in Experimentally Challenged Goats. Journal of Virology, 2014, 88, 2406-2413.	1.5	56
27	Astrocytes Accumulate 4-Hydroxynonenal Adducts in Murine Scrapie and Human Creutzfeldtâ€“Jakob Disease. Neurobiology of Disease, 2002, 11, 386-393.	2.1	49
28	Marked influence of the route of infection on prion strain apparent phenotype in a scrapie transgenic mouse model. Neurobiology of Disease, 2011, 41, 219-225.	2.1	49
29	Role of the Goat K222-PrPC Polymorphic Variant in Prion Infection Resistance. Journal of Virology, 2014, 88, 2670-2676.	1.5	48
30	Elements Modulating the Prion Species Barrier and Its Passage Consequences. PLoS ONE, 2014, 9, e89722.	1.1	46
31	Prion strains are differentially released through the exosomal pathway. Cellular and Molecular Life Sciences, 2015, 72, 1185-1196.	2.4	46
32	Prion and prion-like diseases in animals. Virus Research, 2015, 207, 82-93.	1.1	44
33	Bovine spongiform encephalopathy agent in spleen from an ARR/ARR orally exposed sheep. Journal of General Virology, 2006, 87, 1043-1046.	1.3	43
34	The emergence of classical BSE from atypical/Nor98 scrapie. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26853-26862.	3.3	43
35	Similarities between Forms of Sheep Scrapie and Creutzfeldt-Jakob Disease Are Encoded by Distinct Prion Types. American Journal of Pathology, 2009, 175, 2566-2573.	1.9	36
36	Distribution and Quantitative Estimates of Variant Creutzfeldt-Jakob Disease Prions in Tissues of Clinical and Asymptomatic Patients. Emerging Infectious Diseases, 2017, 23, 946-956.	2.0	32

#	Article	IF	Citations
37	Impact of Leucocyte Depletion and Prion Reduction Filters on TSE Blood Borne Transmission. PLoS ONE, 2012, 7, e42019.	1.1	29
38	Update on chronic wasting disease (CWD) III. EFSA Journal, 2019, 17, e05863.	0.9	28
39	Absence of Evidence for a Causal Link between Bovine Spongiform Encephalopathy Strain Variant L-BSE and Known Forms of Sporadic Creutzfeldt-Jakob Disease in Human PrP Transgenic Mice. Journal of Virology, 2016, 90, 10867-10874.	1.5	26
40	Protective Effect of Val₁₂₉-PrP against Bovine Spongiform Encephalopathy but not Variant Creutzfeldt-Jakob Disease. Emerging Infectious Diseases, 2017, 23, 1522-1530.	2.0	26
41	Glycoform-independent prion conversion by highly efficient, cell-based, protein misfolding cyclic amplification. Scientific Reports, 2016, 6, 29116.	1.6	24
42	A Simple, Versatile and Sensitive Cell-Based Assay for Prions from Various Species. PLoS ONE, 2011, 6, e20563.	1.1	24
43	Relevance of oral experimental challenge with classical scrapie in sheep. Journal of General Virology, 2010, 91, 2139-2144.	1.3	23
44	Characterization of goat prions demonstrates geographical variation of scrapie strains in Europe and reveals the composite nature of prion strains. Scientific Reports, 2020, 10, 19.	1.6	22
45	Prions from Sporadic Creutzfeldt-Jakob Disease Patients Propagate as Strain Mixtures. MBio, 2020, 11, .	1.8	22
46	Transmission of sheep-bovine spongiform encephalopathy to pigs. Veterinary Research, 2016, 47, 14.	1.1	21
47	Radical Change in Zoonotic Abilities of Atypical BSE Prion Strains as Evidenced by Crossing of Sheep Species Barrier in Transgenic Mice. Emerging Infectious Diseases, 2020, 26, 1130-1139.	2.0	19
48	Infectivity in bone marrow from sporadic CJD patients. Journal of Pathology, 2017, 243, 273-278.	2.1	18
49	Further characterisation of transmissible spongiform encephalopathy phenotypes after inoculation of cattle with two temporally separated sources of sheep scrapie from Great Britain. BMC Research Notes, 2015, 8, 312.	0.6	17
50	Enhanced Virulence of Sheep-Passaged Bovine Spongiform Encephalopathy Agent Is Revealed by Decreased Polymorphism Barriers in Prion Protein Conversion Studies. Journal of Virology, 2014, 88, 2903-2912.	1.5	16
51	Wide distribution of prion infectivity in the peripheral tissues of vCJD and sCJD patients. Acta Neuropathologica, 2021, 141, 383-397.	3.9	16
52	The Limits of Test-Based Scrapie Eradication Programs in Goats. PLoS ONE, 2013, 8, e54911.	1.1	16
53	PrP Expression Level and Sensitivity to Prion Infection. Journal of Virology, 2014, 88, 5870-5872.	1.5	15
54	Transmission and Replication of Prions. Progress in Molecular Biology and Translational Science, 2017, 150, 181-201.	0.9	15

#	Article	IF	Citations
55	White Blood Cell-Based Detection of Asymptomatic Scrapie Infection by Ex Vivo Assays. PLoS ONE, 2014, 9, e104287.	1.1	14
56	Mammalian prion propagation in PrP transgenic Drosophila. Brain, 2018, 141, 2700-2710.	3.7	14
57	Leukoreduction and blood-borne vCJD transmission risk. Current Opinion in Hematology, 2015, 22, 36-40.	1.2	13
58	The Priority position paper: Protecting Europe's food chain from prions. Prion, 2016, 10, 165-181.	0.9	13
59	Mononucleated Blood Cell Populations Display Different Abilities To Transmit Prion Disease by the Transfusion Route. Journal of Virology, 2016, 90, 3439-3445.	1.5	13
60	Transgenic Rabbits Expressing Ovine PrP Are Susceptible to Scrapie. PLoS Pathogens, 2015, 11, e1005077.	2.1	12
61	Mutated but Not Deleted Ovine PrP ^C N-Terminal Polybasic Region Strongly Interferes with Prion Propagation in Transgenic Mice. Journal of Virology, 2016, 90, 1638-1646.	1.5	12
62	Preclinical transmission of prions by blood transfusion is influenced by donor genotype and route of infection. PLoS Pathogens, 2021, 17, e1009276.	2.1	12
63	Review on PRNP genetics and susceptibility to chronic wasting disease of Cervidae. Veterinary Research, 2021, 52, 128.	1.1	12
64	Bioassay of prion-infected blood plasma in PrP transgenic Drosophila. Biochemical Journal, 2016, 473, 4399-4412.	1.7	11
65	Four types of scrapie in goats differentiated from each other and bovine spongiform encephalopathy by biochemical methods. Veterinary Research, 2019, 50, 97.	1.1	11
66	Advanced survival models for risk-factor analysis in scrapie. Journal of General Virology, 2007, 88, 696-705.	1.3	10
67	Cerebrospinal Fluid and Plasma Small Extracellular Vesicles and miRNAs as Biomarkers for Prion Diseases. International Journal of Molecular Sciences, 2021, 22, 6822.	1.8	10
68	Classical BSE prions emerge from asymptomatic pigs challenged with atypical/Nor98 scrapie. Scientific Reports, 2021, 11, 17428.	1.6	10
69	Porcine Prion Protein as a Paradigm of Limited Susceptibility to Prion Strain Propagation. Journal of Infectious Diseases, 2021, 223, 1103-1112.	1.9	9
70	Prion potentiation after life-long dormancy in mice devoid of PrP. Brain Communications, 2021, 3, fcab092.	1.5	9
71	Screening of intact yeasts and cell extracts to reduce Scrapie prions during biotransformation of food waste. Acta Veterinaria Scandinavica, 2018, 60, 9.	0.5	8
72	Classical scrapie transmission in ARR/ARR genotype sheep. Journal of General Virology, 2017, 98, 2200-2204.	1.3	8

#	Article	IF	Citations
73	Incomplete inactivation of atypical scrapie following recommended autoclave decontamination procedures. Transboundary and Emerging Diseases, 2019, 66, 1993-2001.	1.3	7
74	Prion strains associated with iatrogenic CJD in French and UK human growth hormone recipients. Acta Neuropathologica Communications, 2021, 9, 145.	2.4	7
75	Prion infection, transmission, and cytopathology modeled in a low-biohazard human cell line. Life Science Alliance, 2020, 3, e202000814.	1.3	7
76	Mapping of quantitative trait loci affecting classical scrapie incubation time in a population comprising several generations of scrapie-infected sheep. Journal of General Virology, 2010, 91, 575-579.	1.3	5
77	Detection of PrPres in peripheral tissue in pigs with clinical disease induced by intracerebral challenge with sheep-passaged bovine spongiform encephalopathy agent. PLoS ONE, 2018, 13, e0199914.	1.1	5
78	Evaluation of an alternative method for production of biodiesel from processed fats derived from Category 1, 2 and 3 animal byâ€products (submitted by College Proteins). EFSA Journal, 2020, 18, e06089.	0.9	3
79	PrPSc Immunohistochemistry. , 2004, , 82-96.		3
80	Experimental transmission to a calf of an isolate of Spanish classical scrapie. Journal of General Virology, 2017, 98, 2628-2634.	1.3	3
81	Prion disease modelled in Drosophila. Cell and Tissue Research, 2023, 392, 47-62.	1.5	3
82	Stability of BSE infectivity towards heat treatment even after proteolytic removal of prion protein. Veterinary Research, 2021, 52, 59.	1.1	2
83	Animal TSEs and public health: What remains of past lessons?. PLoS Pathogens, 2018, 14, e1006759.	2.1	1
84	The use of PrP transgenic Drosophila to replace and reduce vertebrate hosts in the bioassay of mammalian prion infectivity. F1000Research, 2018, 7, 595.	0.8	1
85	Scrapie in small ruminants. Food Safety Assurance and Veterinary Public Health, 2013, , 255-274.	0.4	0