Thierry Baron

List of Publications by Year
in descending order

44	2,140	304743	233421
papers	citations	22 h-index	45 g-index

47	47	47	1461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prion-like acceleration of a synucleinopathy in a transgenic mouse model. Neurobiology of Aging, 2012, 33, 2225-2228.	3.1	329
2	Distinct molecular phenotypes in bovine prion diseases. EMBO Reports, 2004, 5, 110-115.	4.5	282
3	BSE agent signatures in a goat. Veterinary Record, 2005, 156, 523-524.	0.3	201
4	Molecular Discrimination of Atypical Bovine Spongiform Encephalopathy Strains from a Geographical Region Spanning a Wide Area in Europe. Journal of Clinical Microbiology, 2007, 45, 1821-1829.	3.9	160
5	A Bovine Prion Acquires an Epidemic Bovine Spongiform Encephalopathy Strain-Like Phenotype on Interspecies Transmission. Journal of Neuroscience, 2007, 27, 6965-6971.	3.6	122
6	Isolation from Cattle of a Prion Strain Distinct from That Causing Bovine Spongiform Encephalopathy. PLoS Pathogens, 2006, 2, e112.	4.7	105
7	Efficient Transmission of Two Different Sheep Scrapie Isolates in Transgenic Mice Expressing the Ovine PrP Gene. Journal of Virology, 2001, 75, 5328-5334.	3.4	70
8	Emergence of Classical BSE Strain Properties during Serial Passages of H-BSE in Wild-Type Mice. PLoS ONE, 2011, 6, e15839.	2.5	61
9	Phenotypic Similarity of Transmissible Mink Encephalopathy in Cattle and L-type Bovine Spongiform Encephalopathy in a Mouse Model. Emerging Infectious Diseases, 2007, 13, 1887-1894.	4.3	57
10	Molecular Analysis of the Protease-Resistant Prion Protein in Scrapie and Bovine Spongiform Encephalopathy Transmitted to Ovine Transgenic and Wild-Type Mice. Journal of Virology, 2004, 78, 6243-6251.	3.4	53
11	Alpha-synuclein spreading in M83 mice brain revealed by detection of pathological Î±-synuclein by enhanced ELISA. Acta Neuropathologica Communications, 2014, 2, 29.	5.2	53
12	Specific Pesticide-Dependent Increases in Î±-Synuclein Levels in Human Neuroblastoma (SH-SY5Y) and Melanoma (SK-MEL-2) Cell Lines. Toxicological Sciences, 2013, 133, 289-297.	3.1	46
13	A C-Terminal Protease-Resistant Prion Fragment Distinguishes Ovine â€œCH1641-Likeâ€•Scrapie from Bovine Classical and L-Type BSE in Ovine Transgenic Mice. PLoS Pathogens, 2008, 4, e1000137.	4.7	45
14	Accelerated accumulation of retinal Î±-synuclein (pSer129) and tau, neuroinflammation, and autophagic dysregulation in a seeded mouse model of Parkinson's disease. Neurobiology of Disease, 2019, 121, 1-16.	4.4	41
15	Florid plaques in ovine PrP transgenic mice infected with an experimental ovine BSE. EMBO Reports, 2001, 2, 952-956.	4.5	39
16	Oral Transmission of L-type Bovine Spongiform Encephalopathy in Primate Model. Emerging Infectious Diseases, 2012, 18, 142-145.	4.3	38
17	Atypical Prion Diseases in Humans and Animals. Topics in Current Chemistry, 2011, 305, 23-50.	4.0	35
18	Early and Persistent Expression of Phosphorylated Î±-Synuclein in the Enteric Nervous System of A53T Mutant Human Î±-Synuclein Transgenic Mice. Journal of Neuropathology and Experimental Neurology, 2014, 73, 1144-1151.	1.7	35

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19	PET-blot Analysis Contributes to BSE Strain Recognition in C57Bl/6 Mice. Journal of Histochemistry and Cytochemistry, 2006, 54, 1087-1094.	2.5	33
20	Origin of bovine spongiform encephalopathy. Lancet, The, 2006, 367, 297-298.	13.7	27
21	Strain-Specific Barriers against Bovine Prions in Hamsters. Journal of Virology, 2011, 85, 1906-1908.	3.4	26
22	â€˜Prionâ€likeâ€™ propagation of the synucleinopathy of M83 transgenic mice depends on the mouse genotype and type of inoculum. Journal of Neurochemistry, 2017, 143, 126-135.	3.9	26
23	Unique Properties of the Classical Bovine Spongiform Encephalopathy Strain and Its Emergence From H-Type Bovine Spongiform Encephalopathy Substantiated by VM Transmission Studies. Journal of Neuropathology and Experimental Neurology, 2013, 72, 211-218.	1.7	21
24	Scrapie strain transmission studies in ovine PrP transgenic mice reveal dissimilar susceptibility. Histochemistry and Cell Biology, 2007, 127, 531-539.	1.7	20
25	Molecular Typing of Protease-Resistant Prion Protein in Transmissible Spongiform Encephalopathies of Small Ruminants, France, 2002â€“2009. Emerging Infectious Diseases, 2011, 17, 55-63.	4.3	20
26	Peripheral Circulation of the Prion Infectious Agent in Transgenic Mice Expressing the Ovine Prion Protein Gene in Neurons Only. Journal of Infectious Diseases, 2007, 195, 997-1006.	4.0	18
27	BSE inoculation to prion diseases-resistant sheep reveals tricky silent carriers. Biochemical and Biophysical Research Communications, 2006, 350, 872-877.	2.1	16
28	Bovine PrP expression levels in transgenic mice influence transmission characteristics of atypical bovine spongiform encephalopathy. Journal of General Virology, 2012, 93, 1132-1140.	2.9	15
29	L-Type Bovine Spongiform Encephalopathy in Genetically Susceptible and Resistant Sheep: Changes in Prion Strain or Phenotypic Plasticity of the Disease-Associated Prion Protein?. Journal of Infectious Diseases, 2014, 209, 950-959.	4.0	14
30	Presence of subclinical infection in gene-targeted human prion protein transgenic mice exposed to atypical bovine spongiform encephalopathy. Journal of General Virology, 2013, 94, 2819-2827.	2.9	13
31	Molecular Modeling of Prion Transmission to Humans. Viruses, 2014, 6, 3766-3777.	3.3	12
32	Seeded propagation of Î±â€synuclein aggregation in mouse brain using protein misfolding cyclic amplification. FASEB Journal, 2019, 33, 12073-12086.	0.5	12
33	Detection and partial discrimination of atypical and classical bovine spongiform encephalopathies in cattle and primates using real-time quaking-induced conversion assay. PLoS ONE, 2017, 12, e0172428.	2.5	12
34	Prions of Ruminants Show Distinct Splenotropisms in an Ovine Transgenic Mouse Model. PLoS ONE, 2010, 5, e10310.	2.5	11
35	Chronic Exposure to Paraquat Induces Alpha-Synuclein Pathogenic Modifications in Drosophila. International Journal of Molecular Sciences, 2021, 22, 11613.	4.1	10
36	Automatic quantitation of vacuolar lesions in the brain of mice infected with transmissible spongiform encephalopathies. Journal of Virological Methods, 2005, 124, 197-202.	2.1	9

#	Article	IF	Citations
37	Differentiation of Prions from L-type BSE versus Sporadic Creutzfeldt-Jakob Disease. Emerging Infectious Diseases, 2012, 18, 2028-2031.	4.3	9
38	PET imaging of the influence of physiological and pathological Î±-synuclein on dopaminergic and serotonergic neurotransmission in mouse models. CNS Neuroscience and Therapeutics, 2019, 25, 57-68.	3.9	8
39	LRRK2 is reduced in Parkinsonâ€™s disease gut. Acta Neuropathologica, 2021, 142, 601-603.	7.7	7
40	Distinct Transmissibility Features of TSE Sources Derived from Ruminant Prion Diseases by the Oral Route in a Transgenic Mouse Model (TgOvPrP4) Overexpressing the Ovine Prion Protein. PLoS ONE, 2014, 9, e96215.	2.5	4
41	Investigating the neuroprotective effect of AAV-mediated Î²-synuclein overexpression in a transgenic model of synucleinopathy. Scientific Reports, 2018, 8, 17563.	3.3	4
42	Retina as a Model to Study In Vivo Transmission of Î±-Synuclein in the A53T Mouse Model of Parkinsonâ€™s Disease. Methods in Molecular Biology, 2021, 2224, 75-85.	0.9	4
43	Detection of Disease-associated α-synuclein by Enhanced ELISA in the Brain of Transgenic Mice Overexpressing Human A53T Mutated α-synuclein. Journal of Visualized Experiments, 2015, , e52752.	0.3	3
44	Co-expression of APP/PS1 disrupts the distribution of brain lesions in a synucleinopathy transgenic mouse model (M83). Acta Neuropathologica, 2022, 143, 527-529.	7.7	1