

Michele Angelo Di Bari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7633122/publications.pdf>

Version: 2024-02-01

59
papers

2,054
citations

201674

27
h-index

243625

44
g-index

59
all docs

59
docs citations

59
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Transmission and Characterization of Creutzfeldtâ€“Jakob Disease Strains in Bank Voles. PLoS Pathogens, 2006, 2, e12.	4.7	201
2	Novel Type of Chronic Wasting Disease Detected in Moose (<i>Alces alces</i>), Norway. Emerging Infectious Diseases, 2018, 24, 2210-2218.	4.3	106
3	Identification of an allelic variant of the goat PrP gene associated with resistance to scrapie. Journal of General Virology, 2006, 87, 1395-1402.	2.9	105
4	Chronic Wasting Disease in Bank Voles: Characterisation of the Shortest Incubation Time Model for Prion Diseases. PLoS Pathogens, 2013, 9, e1003219.	4.7	88
5	Prion Disease in Dromedary Camels, Algeria. Emerging Infectious Diseases, 2018, 24, 1029-1036.	4.3	88
6	The bank vole (<i>Myodes glareolus</i>) as a sensitive bioassay for sheep scrapie. Journal of General Virology, 2008, 89, 2975-2985.	2.9	73
7	Prion Protein Amino Acid Determinants of Differential Susceptibility and Molecular Feature of Prion Strains in Mice and Voles. PLoS Pathogens, 2008, 4, e1000113.	4.7	73
8	A cell line infectible by prion strains from different species. Journal of General Virology, 2008, 89, 341-347.	2.9	69
9	Early behavioural changes in mice infected with BSE and scrapie: automated home cage monitoring reveals prion strain differences. European Journal of Neuroscience, 2002, 16, 735-742.	2.6	67
10	Ultra-Efficient PrP ^{Sc} Amplification Highlights Potentialities and Pitfalls of PMCA Technology. PLoS Pathogens, 2011, 7, e1002370.	4.7	63
11	Prion disease tempo determined by host-dependent substrate reduction. Journal of Clinical Investigation, 2014, 124, 847-858.	8.2	59
12	Studies in bank voles reveal strain differences between chronic wasting disease prions from Norway and North America. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31417-31426.	7.1	57
13	Cofactors influence the biological properties of infectious recombinant prions. Acta Neuropathologica, 2018, 135, 179-199.	7.7	56
14	PrP genotype in Sarda breed sheep and its relevance to scrapie. Archives of Virology, 2001, 146, 2029-2037.	2.1	55
15	Molecular Analysis of Cases of Italian Sheep Scrapie and Comparison with Cases of Bovine Spongiform Encephalopathy (BSE) and Experimental BSE in Sheep. Journal of Clinical Microbiology, 2003, 41, 4127-4133.	3.9	55
16	PrP ^{Sc} in Salivary Glands of Scrapie-Affected Sheep. Journal of Virology, 2007, 81, 4872-4876.	3.4	54
17	Gerstmann-Str�ussler-Scheinker disease subtypes efficiently transmit in bank voles as genuine prion diseases. Scientific Reports, 2016, 6, 20443.	3.3	54
18	Conversion Efficiency of Bank Vole Prion Protein in Vitro Is Determined by Residues 155 and 170, but Does Not Correlate with the High Susceptibility of Bank Voles to Sheep Scrapie in Vivo. Journal of Biological Chemistry, 2006, 281, 9373-9384.	3.4	50

#	ARTICLE	IF	CITATIONS
19	Prion Protein Alleles Showing a Protective Effect on the Susceptibility of Sheep to Scrapie and Bovine Spongiform Encephalopathy. <i>Journal of Virology</i> , 2007, 81, 7306-7309.	3.4	49
20	Nor98-like sheep scrapie in the United Kingdom in 1989. <i>Veterinary Record</i> , 2007, 160, 665-666.	0.3	43
21	A New Method for the Characterization of Strain-Specific Conformational Stability of Protease-Sensitive and Protease-Resistant PrP ^{Sc} . <i>PLoS ONE</i> , 2010, 5, e12723.	2.5	42
22	Identification of the pathological prion protein allotypes in scrapie-infected heterozygous bank voles (<i>Clethrionomys glareolus</i>) by high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1081, 122-126.	3.7	41
23	PrP ^C Governs Susceptibility to Prion Strains in Bank Vole, While Other Host Factors Modulate Strain Features. <i>Journal of Virology</i> , 2016, 90, 10660-10669.	3.4	37
24	Prion protein glycoform analysis in familial and sporadic Creutzfeldt-Jakob disease patients. <i>Brain Research Bulletin</i> , 1999, 49, 429-433.	3.0	36
25	Novel Prion Protein Conformation and Glycoform in Creutzfeldt-Jakob Disease. <i>Archives of Neurology</i> , 2007, 64, 595.	4.5	36
26	Assessment of the Genetic Susceptibility of Sheep to Scrapie by Protein Misfolding Cyclic Amplification and Comparison with Experimental Scrapie Transmission Studies. <i>Journal of Virology</i> , 2011, 85, 8386-8392.	3.4	33
27	Full restoration of specific infectivity and strain properties from pure mammalian prion protein. <i>PLoS Pathogens</i> , 2019, 15, e1007662.	4.7	30
28	Development of a new largely scalable in vitro prion propagation method for the production of infectious recombinant prions for high resolution structural studies. <i>PLoS Pathogens</i> , 2019, 15, e1008117.	4.7	28
29	Cofactor and glycosylation preferences for in vitro prion conversion are predominantly determined by strain conformation. <i>PLoS Pathogens</i> , 2020, 16, e1008495.	4.7	27
30	Variable Protease-Sensitive Prionopathy Transmission to Bank Voles. <i>Emerging Infectious Diseases</i> , 2019, 25, 73-81.	4.3	25
31	Characterization of goat prions demonstrates geographical variation of scrapie strains in Europe and reveals the composite nature of prion strains. <i>Scientific Reports</i> , 2020, 10, 19.	3.3	22
32	Isolation of infectious, non-fibrillar and oligomeric prions from a genetic prion disease. <i>Brain</i> , 2020, 143, 1512-1524.	7.6	21
33	Biochemical Characterization of Prion Strains in Bank Voles. <i>Pathogens</i> , 2013, 2, 446-456.	2.8	20
34	Molecular Discrimination of Sheep Bovine Spongiform Encephalopathy from Scrapie. <i>Emerging Infectious Diseases</i> , 2011, 17, 695-698.	4.3	19
35	Further characterisation of transmissible spongiform encephalopathy phenotypes after inoculation of cattle with two temporally separated sources of sheep scrapie from Great Britain. <i>BMC Research Notes</i> , 2015, 8, 312.	1.4	17
36	Quantitative profiling of the pathological prion protein allotypes in bank voles by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 302-306.	2.3	16

#	ARTICLE	IF	CITATIONS
37	Oral pravastatin prolongs survival time of scrapie-infected mice. <i>Journal of General Virology</i> , 2009, 90, 1775-1780.	2.9	16
38	Transmissibility of Gerstmann-Sträussler-Scheinker syndrome in rodent models: New insights into the molecular underpinnings of prion infectivity. <i>Prion</i> , 2016, 10, 421-433.	1.8	14
39	Prion Strain Characterization of a Novel Subtype of Creutzfeldt-Jakob Disease. <i>Journal of Virology</i> , 2017, 91, .	3.4	14
40	Isolation of a Defective Prion Mutant from Natural Scrapie. <i>PLoS Pathogens</i> , 2016, 12, e1006016.	4.7	14
41	Effect of PrP genotype and route of inoculation on the ability of discriminatory Western blot to distinguish scrapie from sheep bovine spongiform encephalopathy. <i>Journal of General Virology</i> , 2012, 93, 450-455.	2.9	11
42	Correlation between Infectivity and Disease Associated Prion Protein in the Nervous System and Selected Edible Tissues of Naturally Affected Scrapie Sheep. <i>PLoS ONE</i> , 2015, 10, e0122785.	2.5	11
43	Sensitive protein misfolding cyclic amplification of sporadic Creutzfeldt-Jakob disease prions is strongly seed and substrate dependent. <i>Scientific Reports</i> , 2021, 11, 4058.	3.3	10
44	In vitro replication highlights the mutability of prions. <i>Prion</i> , 2014, 8, 154-160.	1.8	9
45	Prion protein allotype profiling by mass spectrometry. <i>Pure and Applied Chemistry</i> , 2003, 75, 317-323.	1.9	7
46	A single amino acid residue in bank vole prion protein drives permissiveness to Nor98/atypical scrapie and the emergence of multiple strain variants. <i>PLoS Pathogens</i> , 2022, 18, e1010646.	4.7	7
47	Intracerebral administration of interleukin-12 (IL-12) and IL-18 modifies the course of mouse scrapie. <i>BMC Veterinary Research</i> , 2006, 2, 37.	1.9	6
48	Accumulation and aberrant composition of cholesteryl esters in Scrapie-infected N2a cells and C57BL/6 mouse brains. <i>Lipids in Health and Disease</i> , 2011, 10, 132.	3.0	6
49	Detection and whole genome sequencing of murine norovirus in animal facility in Italy. <i>Animal Biotechnology</i> , 2022, 33, 1142-1149.	1.5	6
50	The Mouse Model for Scrapie: Inoculation, Clinical Scoring, and Histopathological Techniques. <i>Methods in Molecular Biology</i> , 2012, 849, 453-471.	0.9	4
51	Stability of BSE infectivity towards heat treatment even after proteolytic removal of prion protein. <i>Veterinary Research</i> , 2021, 52, 59.	3.0	2
52	<i>Pelodera strongyloides</i> in the critically endangered Apennine brown bear (<i>Ursus arctos marsicanus</i>). <i>Research in Veterinary Science</i> , 2022, 145, 50-53.	1.9	2
53	Title is missing!. , 2019, 15, e1008117.		0
54	Title is missing!. , 2019, 15, e1008117.		0

#	ARTICLE	IF	CITATIONS
55	Title is missing!. , 2019, 15, e1008117.		0
56	Title is missing!. , 2020, 16, e1008495.		0
57	Title is missing!. , 2020, 16, e1008495.		0
58	Title is missing!. , 2020, 16, e1008495.		0
59	Title is missing!. , 2020, 16, e1008495.		0