

Pier Luigi Acutis

List of Publications by Year in descending order

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93
papers

2,776
citations

201385

27
h-index

197535

49
g-index

93
all docs

93
docs citations

93
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a second bovine amyloidotic spongiform encephalopathy: Molecular similarities with sporadic Creutzfeldt-Jakob disease. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3065-3070.	3.3	402
2	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.	1.8	160
3	Conversion of the BASE Prion Strain into the BSE Strain: The Origin of BSE?. PLoS Pathogens, 2007, 3, e31.	2.1	146
4	Evaluation of the Human Transmission Risk of an Atypical Bovine Spongiform Encephalopathy Prion Strain. Journal of Virology, 2008, 82, 3697-3701.	1.5	141
5	State-of-the-art review of goat TSE in the European Union, with special emphasis on PRNP genetics and epidemiology. Veterinary Research, 2009, 40, 48.	1.1	119
6	Identification of prion protein gene polymorphisms in goats from Italian scrapie outbreaks. Journal of General Virology, 2006, 87, 1029-1033.	1.3	95
7	A real time metabolomic profiling approach to detecting fish fraud using rapid evaporative ionisation mass spectrometry. Metabolomics, 2017, 13, 153.	1.4	80
8	Serological and virological survey of hepatitis E virus in wild boar populations in northwestern Italy: detection of HEV subtypes 3e and 3f. Archives of Virology, 2015, 160, 153-160.	0.9	70
9	Resistance to classical scrapie in experimentally challenged goats carrying mutation K222 of the prion protein gene. Veterinary Research, 2012, 43, 8.	1.1	61
10	Histidine at codon 154 of the prion protein gene is a risk factor for Nor98 scrapie in goats. Journal of General Virology, 2008, 89, 3173-3176.	1.3	58
11	Epidemiological history and phylogeography of West Nile virus lineage 2. Infection, Genetics and Evolution, 2013, 17, 46-50.	1.0	58
12	Detection and Discrimination of Classical and Atypical L-Type Bovine Spongiform Encephalopathy by Real-Time Quaking-Induced Conversion. Journal of Clinical Microbiology, 2015, 53, 1115-1120.	1.8	49
13	Hepatitis E Virus: A Cross-Sectional Serological and Virological Study in Pigs and Humans at Zoonotic Risk within a High-Density Pig Farming Area. Transboundary and Emerging Diseases, 2017, 64, 1443-1453.	1.3	48
14	Hepatitis E Virus: First Description in a Pet House Rabbit. A New Transmission Route for Human?. Transboundary and Emerging Diseases, 2015, 62, 229-232.	1.3	46
15	Detection and phylogenetic analysis of an atypical pestivirus, strain IZSPLV_To. Research in Veterinary Science, 2012, 92, 147-150.	0.9	40
16	Genetic variability of the PRNP gene in goat breeds from Northern and Southern Italy. Journal of Applied Microbiology, 2008, 104, 1782-1789.	1.4	39
17	Evidence for the transmission of scrapie to sheep and goats from a vaccine against <i>Mycoplasma agalactiae</i> . Veterinary Record, 2001, 148, 531-536.	0.2	38
18	Low frequency of the scrapie resistance-associated allele and presence of lysine-171 allele of the prion protein gene in Italian Biellese ovine breed. Journal of General Virology, 2004, 85, 3165-3172.	1.3	38

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19	Co-existence of classical scrapie and Nor98 in a sheep from an Italian outbreak. <i>Research in Veterinary Science</i> , 2010, 88, 478-485.	0.9	38
20	Molecular Characterization of <i>Pseudomonas fluorescens</i> Isolates Involved in the Italian "Blue Mozzarella" Event. <i>Journal of Food Protection</i> , 2013, 76, 500-504.	0.8	38
21	Extended Genetic Diversity of Bovine Viral Diarrhea Virus and Frequency of Genotypes and Subtypes in Cattle in Italy between 1995 and 2013. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	38
22	Detection of a morphogenetically novel <i>Sarcocystis hominis</i> -like in the context of a prevalence study in semi-intensively bred cattle in Italy. <i>Parasitology Research</i> , 2011, 109, 1677-1687.	0.6	37
23	Pathological Prion Protein in the Tongues of Sheep Infected with Naturally Occurring Scrapie. <i>Journal of Virology</i> , 2005, 79, 5847-5849.	1.5	36
24	Evaluation of Internal Reference Genes for Quantitative Expression Analysis by Real-Time PCR in Ovine Whole Blood. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7732-7747.	1.8	34
25	Precision determination for the dynamic respirometric index (DRI) method used for biological stability evaluation on municipal solid waste and derived products. <i>Waste Management</i> , 2011, 31, 2-9.	3.7	31
26	An insight into the Chinese traditional seafood market: Species characterization of cephalopod products by DNA barcoding and phylogenetic analysis using COI and 16SrRNA genes. <i>Food Control</i> , 2017, 82, 333-342.	2.8	30
27	Dolphin Morbillivirus Infection in a Captive Harbor Seal (<i>Phoca vitulina</i>). <i>Journal of Clinical Microbiology</i> , 2013, 51, 708-711.	1.8	29
28	Molecular characterization of flaviviruses from field-collected mosquitoes in northwestern Italy, 2011-2012. <i>Parasites and Vectors</i> , 2014, 7, 395.	1.0	28
29	Prion Diseases. <i>CNS Drugs</i> , 2006, 20, 15-28.	2.7	26
30	A new genotype of border disease virus with implications for molecular diagnostics. <i>Archives of Virology</i> , 2016, 161, 471-477.	0.9	26
31	Genetic variability of the prion protein gene (PRNP) in wild ruminants from Italy and Scotland. <i>Journal of Veterinary Science</i> , 2009, 10, 115.	0.5	25
32	Detection of Invasive <i>Borrelia burgdorferi</i> Strains in North-Eastern Piedmont, Italy. <i>Zoonoses and Public Health</i> , 2015, 62, 365-374.	0.9	24
33	Rapid Screening Technique To Identify Sudan Dyes (I to IV) in Adulterated Tomato Sauce, Chilli Powder, and Palm Oil by Innovative High-Resolution Mass Spectrometry. <i>Journal of Food Protection</i> , 2017, 80, 640-644.	0.8	23
34	Anisakis spp. larvae in different kinds of ready to eat products made of anchovies (<i>Engraulis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 10-18.	2.1	23
35	Detection of border disease virus (BDV) genotype 3 in Italian goat herds. <i>Veterinary Journal</i> , 2014, 199, 446-450.	0.6	22
36	Genotyping of <i>Brucella melitensis</i> and <i>Brucella abortus</i> strains in Kazakhstan using MLVA-15. <i>Infection, Genetics and Evolution</i> , 2018, 58, 135-144.	1.0	22

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37	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.	1.6	22
38	Olfactory System Involvement in Natural Scrapie Disease. <i>Journal of Virology</i> , 2009, 83, 3657-3667.	1.5	21
39	Association of an indel polymorphism in the 3'UTR of the caprine SPRN gene with scrapie positivity in the central nervous system. <i>Journal of General Virology</i> , 2012, 93, 1620-1623.	1.3	21
40	Identification of single nucleotide polymorphisms in Toll-like receptor candidate genes associated with tuberculosis infection in water buffalo (<i>Bubalus bubalis</i>). <i>BMC Genetics</i> , 2014, 15, 139.	2.7	21
41	POSTMORTEM FINDINGS IN CETACEANS FOUND STRANDED IN THE PELAGOS SANCTUARY, ITALY, 2007-2014. <i>Journal of Wildlife Diseases</i> , 2017, 53, 795.	0.3	21
42	Validation of a DNA biochip for species identification in food forensic science. <i>Food Control</i> , 2017, 78, 366-373.	2.8	20
43	Sex- and age-related variation in metal content of penguin feathers. <i>Ecotoxicology</i> , 2016, 25, 431-438.	1.1	19
44	Is HCRTR2 a Genetic Risk Factor for Alzheimer's Disease?. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014, 38, 245-253.	0.7	18
45	Phylogeography, phylogenetics and transmission chains of bovine viral diarrhoea virus subtype 1f in Northern Italy. <i>Infection, Genetics and Evolution</i> , 2016, 45, 262-267.	1.0	18
46	FishAPP: A mobile App to detect fish falsification through image processing and machine learning techniques. , 2016, , .		18
47	Evaluation of internal reference genes for quantitative expression analysis by real-time reverse transcription-PCR in somatic cells from goat milk. <i>Journal of Dairy Science</i> , 2013, 96, 7932-7944.	1.4	17
48	Link between Geographical Origin and Occurrence of <i>Brucella abortus</i> Biovars in Cow and Water Buffalo Herds. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1039-1043.	1.4	17
49	Molecular analysis of iatrogenic scrapie in Italy. <i>Journal of General Virology</i> , 2003, 84, 1047-1052.	1.3	15
50	Low proviral small ruminant lentivirus load as biomarker of natural restriction in goats. <i>Veterinary Microbiology</i> , 2016, 192, 152-162.	0.8	15
51	Behavioural analysis of captive tigers (<i>Panthera tigris</i>): A water pool makes the difference. <i>Applied Animal Behaviour Science</i> , 2016, 174, 173-180.	0.8	15
52	Genetic basis of Lipomatous Myopathy in Piedmontese beef cattle. <i>Livestock Science</i> , 2017, 206, 9-16.	0.6	15
53	Aujeszky's Disease in Red Fox (<i>Vulpes vulpes</i>): Phylogenetic Analysis Unravels an Unexpected Epidemiologic Link. <i>Journal of Wildlife Diseases</i> , 2014, 50, 707.	0.3	13
54	Evidence of circulation of the novel border disease virus genotype 8 in chamois. <i>Archives of Virology</i> , 2017, 162, 511-515.	0.9	13

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55	Optimizing the diagnostic work-up of acute uncomplicated urinary tract infections. <i>BMC Family Practice</i> , 2008, 9, 64.	2.9	12
56	Identification by a proteomic approach of a plasma protein as a possible biomarker of illicit dexamethasone treatment in veal calves. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 833-838.	1.1	12
57	A case of scrapie in a sheep carrying the lysine-171 allele of the prion protein gene. <i>Archives of Virology</i> , 2006, 151, 1875-1880.	0.9	11
58	Therapeutic effect of CHF5074, a new β -secretase modulator, in a mouse model of scrapie. <i>Prion</i> , 2012, 6, 62-72.	0.9	11
59	Efficient isolation on Vero.DogSLAMtag cells and full genome characterization of Dolphin Morbillivirus (DMV) by next generation sequencing. <i>Scientific Reports</i> , 2018, 8, 860.	1.6	11
60	BSE Surveillance in Italy: Neuropathological Findings in Cattle in the Frame of the Passive Surveillance Programme. <i>Transboundary and Emerging Diseases</i> , 2003, 50, 48-49.	0.6	10
61	Evaluation of rapid tests for the diagnosis of transmissible spongiform encephalopathies in sheep and goats. <i>Acta Neuropathologica</i> , 2004, 107, 559-562.	3.9	10
62	Evaluation of two sets of immunohistochemical and Western blot confirmatory methods in the detection of typical and atypical BSE cases. <i>BMC Research Notes</i> , 2011, 4, 376.	0.6	10
63	Molecular typing of <i>Staphylococcus aureus</i> isolate responsible for staphylococcal poisoning incident in homemade food. <i>Italian Journal of Food Safety</i> , 2016, 5, 5736.	0.5	10
64	A single nucleotide variant in the promoter region of the CCR5 gene increases susceptibility to arthritis encephalitis virus in goats. <i>BMC Veterinary Research</i> , 2019, 15, 230.	0.7	10
65	Absence of τ and TARDBP Gene Mutations in an Italian Series of Patients with Frontotemporal Lobar Degeneration. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 28, 239-243.	0.7	9
66	Prospects for applying breeding for resistance to control scrapie in goats: The current situation in Italy. <i>Small Ruminant Research</i> , 2010, 88, 97-101.	0.6	9
67	Predicting the impact of selection for scrapie resistance on PRNP genotype frequencies in goats. <i>Veterinary Research</i> , 2018, 49, 26.	1.1	9
68	Quantification of TMA in fishery products by direct sample analysis with high resolution mass spectrometry. <i>Food Control</i> , 2018, 94, 162-166.	2.8	9
69	Specific capture and whole-genome phylogeography of Dolphin morbillivirus. <i>Scientific Reports</i> , 2020, 10, 20831.	1.6	9
70	Detection of a phylogenetically divergent eel virus European X (EVEX) isolate in European eels (<i>Anguilla anguilla</i>) farmed in experimental tanks in Italy. <i>Aquaculture</i> , 2014, 434, 115-120.	1.7	7
71	First report of malignant catarrhal fever in a captive pudu (<i>Pudu puda</i>). <i>Research in Veterinary Science</i> , 2015, 99, 212-214.	0.9	7
72	Molecular typing of transmissible spongiform encephalopathy from Italian disease outbreaks in small ruminants. <i>Veterinary Record</i> , 2006, 159, 746-747.	0.2	6

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73	Detection of typical and atypical bovine spongiform encephalopathy and scrapie prion strains by prion protein motif-grafted antibodies. <i>Journal of General Virology</i> , 2009, 90, 1048-1053.	1.3	6
74	Association of a specific major histocompatibility complex class II β single nucleotide polymorphism with resistance to lactococcosis in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2015, 38, 27-35.	0.9	6
75	Characterization of Amyloid- β Deposits in Bovine Brains. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 875-887.	1.2	6
76	A case study on the labeling of bottarga produced in Sardinia from ovaries of grey mullets (<i>Mugil</i>) Tj ETQqO O O rgBT /Overlock 10 Tf 50 2018, 7, 6893.	0.5	5
77	Low fraction of the 222K PrP variant in the protease-resistant moiety of PrPres in heterozygous scrapie positive goats. <i>Journal of General Virology</i> , 2017, 98, 1963-1967.	1.3	5
78	Development of a Novel Method for Rapid Discrimination between Wild and Farmed Sea Bream. <i>Journal of Food Protection</i> , 2019, 82, 1870-1873.	0.8	5
79	Lysine at position 222 of the goat prion protein inhibits the binding of monoclonal antibody F99/97.6.1. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 971-975.	0.5	4
80	Effect of selection for scrapie resistance on genetic diversity in a rare and locally adapted sheep breed: The case of Sambucana. <i>Livestock Science</i> , 2013, 157, 75-80.	0.6	4
81	<i>Nocardia otitidiscaviarum</i> Pneumonia in an Alpine Chamois (<i>Rupicapra rupicapra rupicapra</i>). <i>Journal of Comparative Pathology</i> , 2009, 141, 70-73.	0.1	3
82	EU-approved rapid tests might underestimate bovine spongiform encephalopathy infection in goats. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 232-236.	0.5	3
83	Buccal swab: A tissue sampling method for refinement of experimental procedures involving rainbow trout. <i>Journal of Applied Ichthyology</i> , 2017, 33, 515-519.	0.3	3
84	A cross-sectional study to identify a set of risk factors for caprine herpesvirus 1 infection. <i>BMC Veterinary Research</i> , 2018, 14, 94.	0.7	3
85	Evaluation of DNA isolation procedures from meat-based foods and development of a DNA quality score. <i>LWT - Food Science and Technology</i> , 2019, 106, 64-71.	2.5	3
86	RT-QuIC detection of pathological prion protein in subclinical goats following experimental oral transmission of L-type BSE. <i>BMC Research Notes</i> , 2021, 14, 442.	0.6	3
87	Detection of Pathological Prion Protein in the Tongue of Sheep Infected with Naturally Occurring Scrapie. <i>Veterinary Research Communications</i> , 2006, 30, 239-240.	0.6	2
88	Comparative analysis of the prion protein (PrP) gene in cetacean species. <i>Gene</i> , 2007, 392, 230-238.	1.0	2
89	Pilot project to set up a control programme on fishery products. <i>Italian Journal of Food Safety</i> , 2013, 2, 25.	0.5	2
90	Impact of DNA purification method and primer selection on 16S rRNA gene metabarcoding on wine. <i>Oeno One</i> , 2019, 53, .	0.7	2

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91	The Role of CEA (Center of Animal Encephalopathies) in the BSE Surveillance: BSE in Italy. Veterinary Research Communications, 2003, 27, 29-30.	0.6	0
92	Comment on "Comparative genomic analysis of the whale (<i>Pseudorca crassidens</i>) PRNP locus" Appears in Genome, 2008, 51, 1062-1062.	0.9	0
93	Paraoxonase 1 (PON1) is a valid plasma marker to detect illicit treatment with dexamethasone in veal calves. Toxicology Letters, 2017, 280, S296.	0.4	0