JosÃ© de la Fuente

List of Publications by Year
in descending order

520 papers	28,765 citations	6592 79 h-index	10424 139 g-index
531 all docs	531 docs citations	531 times ranked	24039 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Overview: Ticks as vectors of pathogens that cause disease in humans and animals. Frontiers in Bioscience - Landmark, 2008, Volume, 6938.	3.0	609
3	Genomic insights into the Ixodes scapularis tick vector of Lyme disease. Nature Communications, 2016, 7, 10507.	5.8	450
4	The natural history of Anaplasma marginale. Veterinary Parasitology, 2010, 167, 95-107.	0.7	387
5	A ten-year review of commercial vaccine performance for control of tick infestations on cattle. Animal Health Research Reviews, 2007, 8, 23-28.	1.4	323
6	Tick-Pathogen Interactions and Vector Competence: Identification of Molecular Drivers for Tick-Borne Diseases. Frontiers in Cellular and Infection Microbiology, 2017, 7, 114.	1.8	321
7	Antigens and Alternatives for Control of Anaplasma marginale Infection in Cattle. Clinical Microbiology Reviews, 2003, 16, 698-712.	5.7	303
8	Evidence of the role of European wild boar as a reservoir of Mycobacterium tuberculosis complex. Veterinary Microbiology, 2008, 127, 1-9.	0.8	276
9	Anaplasma marginale(Rickettsiales: Anaplasmataceae): recent advances in defining hostâ€"pathogen adaptations of a tick-borne rickettsia. Parasitology, 2004, 129, S285-S300.	0.7	247
10	The ecology of ticks and epidemiology of tick-borne viral diseases. Antiviral Research, 2014, 108, 104-128.	1.9	227
11	Strategies for development of vaccines for control of ixodid tick species. Parasite Immunology, 2006, 28, 275-283.	0.7	199
12	Interaction of the tick immune system with transmitted pathogens. Frontiers in Cellular and Infection Microbiology, 2013, 3, 26.	1.8	198
13	Effects of environmental change on zoonotic disease risk: an ecological primer. Trends in Parasitology, 2014, 30, 205-214.	1.5	196
14	Field studies and cost-effectiveness analysis of vaccination with Gavac? against the cattle tick Boophilus microplus*1. Vaccine, 1998, 16, 366-373.	1.7	185
15	Sequence Analysis of the msp4 Gene of Anaplasma phagocytophilum Strains. Journal of Clinical Microbiology, 2005, 43, 1309-1317.	1.8	180
16	Impact of Climate Trends on Tick-Borne Pathogen Transmission. Frontiers in Physiology, 2012, 3, 64.	1.3	179
17	Different pathways mediate virus inducibility of the human IFN-Î±1 and IFN-Î² genes. Cell, 1990, 60, 767-779.	13.5	177
18	High level expression of the B. microplus Bm86 antigen in the yeast Pichia pastoris forming highly immunogenic particles for cattle. Journal of Biotechnology, 1994, 33, 135-146.	1.9	162

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19	Control of ticks resistant to immunization with Bm86 in cattle vaccinated with the recombinant antigen Bm95 isolated from the cattle tick, Boophilus microplus. Vaccine, 2000, 18, 2275-2287.	1.7	161
20	Large-scale production in Pichia pastoris of the recombinant vaccine Gavacâ„¢ against cattle tick. Vaccine, 1997, 15, 414-422.	1.7	156
21	Sequence analysis of the msp4 gene of Anaplasma ovis strains. Veterinary Microbiology, 2007, 119, 375-381.	0.8	152
22	Vaccination against ticks (Boophilus spp.): the experience with the Bm86-based vaccine Gavacâ„¢. Genetic Analysis, Techniques and Applications, 1999, 15, 143-148.	1.5	151
23	Systems Biology of Tissue-Specific Response to Anaplasma phagocytophilum Reveals Differentiated Apoptosis in the Tick Vector Ixodes scapularis. PLoS Genetics, 2015, 11, e1005120.	1.5	139
24	Bovine Tuberculosis in DoÃ±ana Biosphere Reserve: The Role of Wild Ungulates as Disease Reservoirs in the Last Iberian Lynx Strongholds. PLoS ONE, 2008, 3, e2776.	1.1	139
25	Identification of protective antigens for the control of Ixodes scapularis infestations using cDNA expression library immunization. Vaccine, 2003, 21, 1492-1501.	1.7	136
26	Crossing the Interspecies Barrier: Opening the Door to Zoonotic Pathogens. PLoS Pathogens, 2014, 10, e1004129.	2.1	135
27	Integrated Metabolomics, Transcriptomics and Proteomics Identifies Metabolic Pathways Affected by Anaplasma phagocytophilum Infection in Tick Cells*. Molecular and Cellular Proteomics, 2015, 14, 3154-3172.	2.5	135
28	Reversible silencing of enhancers by sequences derived from the human IFN-Î± promoter. Cell, 1987, 50, 1057-1069.	13.5	133
29	The tick protective antigen, 4D8, is a conserved protein involved in modulation of tick blood ingestion and reproductionâ˜†. Vaccine, 2006, 24, 4082-4095.	1.7	132
30	Advances in the identification and characterization of protective antigens for recombinant vaccines against tick infestations. Expert Review of Vaccines, 2003, 2, 583-593.	2.0	131
31	RNA interference for the study and genetic manipulation of ticks. Trends in Parasitology, 2007, 23, 427-433.	1.5	131
32	The Wild Side of Disease Control at the Wildlife-Livestock-Human Interface: A Review. Frontiers in Veterinary Science, 2014, 1, 27.	0.9	128
33	Spatial distribution and risk factors of Brucellosis in Iberian wild ungulates. BMC Infectious Diseases, 2010, 10, 46.	1.3	125
34	Lesions associated with Mycobacterium tuberculosis complex infection in the European wild boar. Tuberculosis, 2007, 87, 360-367.	0.8	123
35	Genetic diversity ofAnaplasmaspecies major surface proteins and implications for anaplasmosis serodiagnosis and vaccine development. Animal Health Research Reviews, 2005, 6, 75-89.	1.4	122
36	Strategies for new and improved vaccines against ticks and tickâ€borne diseases. Parasite Immunology, 2016, 38, 754-769.	0.7	122

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37	Potential Vertebrate Reservoir Hosts and Invertebrate Vectors ofAnaplasma marginaleandA. phagocytophilumin Central Spain. Vector-Borne and Zoonotic Diseases, 2005, 5, 390-401.	0.6	119
38	Targeting arthropod subolesin/akirin for the development of a universal vaccine for control of vector infestations and pathogen transmission. Veterinary Parasitology, 2011, 181, 17-22.	0.7	116
39	Disease threats to the endangered Iberian lynx (Lynx pardinus). Veterinary Journal, 2009, 182, 114-124.	0.6	115
40	Tick vaccines: current status and future directions. Expert Review of Vaccines, 2015, 14, 1367-1376.	2.0	114
41	Sequence variations in the Boophilus microplus Bm86 locus and implications for immunoprotection in cattle vaccinated with this antigen. Experimental and Applied Acarology, 1999, 23, 883-895.	0.7	112
42	SARS-CoV-2 in animals: potential for unknown reservoir hosts and public health implications. Veterinary Quarterly, 2021, 41, 181-201.	3.0	112
43	Characterization of ferritin 2 for the control of tick infestations. Vaccine, 2010, 28, 2993-2998.	1.7	111
44	Identification and characterization of Rhipicephalus (Boophilus) microplus candidate protective antigens for the control of cattle tick infestations. Parasitology Research, 2010, 106, 471-479.	0.6	110
45	Ixodid ticks parasitizing Iberian red deer (Cervus elaphus hispanicus) and European wild boar (Sus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	109
46	Protection against Tuberculosis in Eurasian Wild Boar Vaccinated with Heat-Inactivated Mycobacterium bovis. PLoS ONE, 2011, 6, e24905.	1.1	108
47	Reinstatement of<i>Rhipicephalus</i>(<i>Boophilus</i>)<i>australis</i>(Acari: Ixodidae) With Redescription of the Adult and Larval Stages. Journal of Medical Entomology, 2012, 49, 794-802.	0.9	106
48	Molecular phylogeny and biogeography of North American isolates of Anaplasma marginale (Rickettsiaceae: Ehrlichieae). Veterinary Parasitology, 2001, 97, 65-76.	0.7	105
49	Reduction of tick infections with Anaplasma marginale and A. phagocytophilum by targeting the tick protective antigen subolesin. Parasitology Research, 2006, 100, 85-91.	0.6	105
50	Differential adhesion of major surface proteins 1a and 1b of the ehrlichial cattle pathogen Anaplasma marginale to bovine erythrocytes and tick cells. International Journal for Parasitology, 2001, 31, 145-153.	1.3	104
51	Serologic and molecular characterization of Anaplasma species infection in farm animals and ticks from Sicily. Veterinary Parasitology, 2005, 133, 357-362.	0.7	103
52	Control of ticks of ruminants, with special emphasis on livestock farming systems in India: present and future possibilities for integrated controlâ€"a review. Experimental and Applied Acarology, 2006, 40, 49-66.	0.7	103
53	Infection-derived lipids elicit an immune deficiency circuit in arthropods. Nature Communications, 2017, 8, 14401.	5.8	103
54	bptA (bbe16) is essential for the persistence of the Lyme disease spirochete, Borrelia burgdorferi, in its natural tick vector. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6972-6977.	3.3	102

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55	Protection against Boophilus annulatus infestations in cattle vaccinated with the B. microplus Bm86-containing vaccine Gavac. Vaccine, 1998, 16, 1990-1992.	1.7	100
56	Anaplasma phagocytophilum Inhibits Apoptosis and Promotes Cytoskeleton Rearrangement for Infection of Tick Cells. Infection and Immunity, 2013, 81, 2415-2425.	1.0	99
57	Controlling ticks and tick-borne diseasesâ€¦looking forward. Ticks and Tick-borne Diseases, 2018, 9, 1354-1357.	1.1	99
58	Progress in the control of bovine tuberculosis in Spanish wildlife. Veterinary Microbiology, 2011, 151, 170-178.	0.8	97
59	Tickâ€“Hostâ€“Pathogen Interactions: Conflict and Cooperation. PLoS Pathogens, 2016, 12, e1005488.	2.1	96
60	Functional genomic studies of tick cells in response to infection with the cattle pathogen, Anaplasma marginale. Genomics, 2007, 90, 712-722.	1.3	95
61	Analysis of world strains of Anaplasma marginale using major surface protein 1a repeat sequences. Veterinary Microbiology, 2007, 119, 382-390.	0.8	95
62	Prevalence of Tick-Borne Pathogens in Adult<i>Dermacentor</i>spp. Ticks from Nine Collection Sites in France. Vector-Borne and Zoonotic Diseases, 2013, 13, 226-236.	0.6	95
63	Temporal Trend of Tuberculosis in Wild Ungulates from Mediterranean Spain. Transboundary and Emerging Diseases, 2013, 60, 92-103.	1.3	95
64	Vaccination with proteins involved in tickâ€“pathogen interactions reduces vector infestations and pathogen infection. Vaccine, 2013, 31, 5889-5896.	1.7	94
65	Gene expression profiling of human promyelocytic cells in response to infection with Anaplasma phagocytophilum. Cellular Microbiology, 2004, 7, 549-559.	1.1	93
66	Gene silencing of the tick protective antigens, Bm86, Bm91 and subolesin, in the one-host tick Boophilus microplus by RNA interference. International Journal for Parasitology, 2007, 37, 653-662.	1.3	92
67	Serologic Tests for Detecting Antibodies against <i>Mycobacterium Bovis</i> and <i>Mycobacterium Avium</i> Subspecies <i>Paratuberculosis</i> in Eurasian Wild Boar (<i>Sus Scrofa Scrofa</i>). Journal of Veterinary Diagnostic Investigation, 2011, 23, 77-83.	0.5	92
68	Vaccination with recombinant Boophilus annulatus Bm86 ortholog protein, Ba86, protects cattle against B. annulatus and B. microplus infestations. BMC Biotechnology, 2009, 9, 29.	1.7	91
69	Control of Boophilus microplus populations in grazing cattle vaccinated with a recombinant Bm86 antigen preparation. Veterinary Parasitology, 1995, 57, 339-349.	0.7	90
70	Phylogeography of New World isolates of Anaplasma marginale based on major surface protein sequences. Veterinary Microbiology, 2002, 88, 275-285.	0.8	90
71	Anaplasma phagocytophilum Uses Common Strategies for Infection of Ticks and Vertebrate Hosts. Trends in Microbiology, 2016, 24, 173-180.	3.5	88
72	Assessing the risks of SARS-CoV-2 in wildlife. One Health Outlook, 2021, 3, 7.	1.4	87

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73	Tick subolesin is an ortholog of the akirins described in insects and vertebrates. Developmental and Comparative Immunology, 2009, 33, 612-617.	1.0	85
74	Tick vaccines and the control of tick-borne pathogens. Frontiers in Cellular and Infection Microbiology, 2013, 3, 30.	1.8	85
75	Functional genomics studies of Rhipicephalus (Boophilus) annulatus ticks in response to infection with the cattle protozoan parasite, Babesia bigemina. International Journal for Parasitology, 2012, 42, 187-195.	1.3	84
76	Evidence of the role of tick subolesin in gene expression. BMC Genomics, 2008, 9, 372.	1.2	83
77	First Molecular Evidence of<i>Anaplasma ovis</i>and<i>Rickettsia</i>spp. in Keds (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.6	83
78	Anaplasma marginale msp1 Î± Genotypes Evolved under Positive Selection Pressure but Are Not Markers for Geographic Isolates. Journal of Clinical Microbiology, 2003, 41, 1609-1616.	1.8	82
79	Allopatric speciation in ticks: genetic and reproductive divergence between geographic strains of Rhipicephalus (Boophilus) microplus. BMC Evolutionary Biology, 2009, 9, 46.	3.2	82
80	Effect of vaccination with a recombinant Bm86 antigen preparation on natural infestations of Boophilus microplus in grazing dairy and beef pure and cross-bred cattle in Brazil. Vaccine, 1995, 13, 1804-1808.	1.7	81
81	Major surface protein 1a effects tick infection and transmission of Anaplasma marginale. International Journal for Parasitology, 2001, 31, 1705-1714.	1.3	81
82	Observed Prevalence of Tick-borne Pathogens in Domestic Animals in Sicily, Italy during 2003?2005. Zoonoses and Public Health, 2007, 54, 8-15.	0.9	81
83	First serological and molecular evidence on the endemicity of Anaplasma ovis and A. marginale in Hungary. Veterinary Microbiology, 2007, 122, 316-322.	0.8	81
84	Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. Scientific Reports, 2015, 5, 10361.	1.6	81
85	Ehrlichia minasensis sp. nov., isolated from the tick Rhipicephalus microplus. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1426-1430.	0.8	81
86	Characterization of three Ixodes scapularis cDNAs protective against tick infestations. Vaccine, 2005, 23, 4403-4416.	1.7	80
87	Environmental and Molecular Drivers of the Î±-Gal Syndrome. Frontiers in Immunology, 2019, 10, 1210.	2.2	80
88	Serologic Cross-Reactivity between Anaplasma marginale and Anaplasma phagocytophilum. Vaccine Journal, 2005, 12, 1177-1183.	3.2	79
89	Vaccinomics, the new road to tick vaccines. Vaccine, 2013, 31, 5923-5929.	1.7	79
90	Effects of culling Eurasian wild boar on the prevalence of Mycobacterium bovis and Aujeszky's disease virus. Preventive Veterinary Medicine, 2012, 107, 214-221.	0.7	78

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91	Molecular identification of Anaplasma marginale and rickettsial endosymbionts in blood-sucking flies (Diptera: Tabanidae, Muscidae) and hard ticks (Acari: Ixodidae). Veterinary Parasitology, 2008, 154, 354-359.	0.7	77
92	Silencing of genes involved in Anaplasma marginale-tick interactions affects the pathogen developmental cycle in Dermacentor variabilis. BMC Developmental Biology, 2009, 9, 42.	2.1	77
93	First data on Eurasian wild boar response to oral immunization with BCG and challenge with a Mycobacterium bovis field strain. Vaccine, 2009, 27, 6662-6668.	1.7	77
94	Control of multiple arthropod vector infestations with subolesin/akirin vaccines. Vaccine, 2013, 31, 1187-1196.	1.7	77
95	Molecular detection of vector-borne pathogens in wild and domestic carnivores and their ticks at the humanâ€“wildlife interface. Ticks and Tick-borne Diseases, 2016, 7, 284-290.	1.1	77
96	RNA interference screening in ticks for identification of protective antigens. Parasitology Research, 2005, 96, 137-141.	0.6	76
97	Development and validation of two PCR tests for the detection of and differentiation between Anaplasma ovis and Anaplasma marginale. Ticks and Tick-borne Diseases, 2012, 3, 283-287.	1.1	76
98	Expression of heat shock proteins and subolesin affects stress responses,<i>Anaplasma phagocytophilum</i>infection and questing behaviour in the tick,<i>Ixodes scapularis</i>. Medical and Veterinary Entomology, 2012, 26, 92-102.	0.7	76
99	Effect of blood type on anti-Î±-Gal immunity and the incidence of infectious diseases. Experimental and Molecular Medicine, 2017, 49, e301-e301.	3.2	75
100	Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. Vaccine, 2017, 35, 5089-5094.	1.7	74
101	Targeting the tick protective antigen subolesin reduces vector infestations and pathogen infection by Anaplasma marginale and Babesia bigemina. Vaccine, 2011, 29, 8575-8579.	1.7	73
102	<i>Anaplasma phagocytophilum</i>increases the levels of histone modifying enzymes to inhibit cell apoptosis and facilitate pathogen infection in the tick vector<i>Ixodes scapularis</i>. Epigenetics, 2016, 11, 303-319.	1.3	73
103	Characterization of the functional domain of major surface protein 1a involved in adhesion of the rickettsia Anaplasma marginale to host cells. Veterinary Microbiology, 2003, 91, 265-283.	0.8	72
104	infection in free-ranging Iberian red deer in the region of Castilla-La Mancha, Spain. Veterinary Microbiology, 2004, 100, 163-173.	0.8	72
105	A Systems Biology Approach to the Characterization of Stress Response in Dermacentor reticulatus Tick Unfed Larvae. PLoS ONE, 2014, 9, e89564.	1.1	72
106	Evolution and function of tandem repeats in the major surface protein 1a of the ehrlichial pathogen<i>Anaplasma marginale</i>. Animal Health Research Reviews, 2001, 2, 163-174.	1.4	71
107	Infection Exclusion of the Rickettsial Pathogen Anaplasma marginale in the Tick Vector Dermacentor variabilis. Vaccine Journal, 2003, 10, 182-184.	3.2	71
108	Vaccination with recombinant tick antigens for the control of Ixodes scapularis adult infestations. Vaccine, 2005, 23, 5294-5298.	1.7	71

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109	Differential expression of genes in salivary glands of male Rhipicephalus (Boophilus)microplus in response to infection with Anaplasma marginale. BMC Genomics, 2010, 11, 186.	1.2	71
110	Ixodes scapularis and Ixodes ricinus tick cell lines respond to infection with tick-borne encephalitis virus: transcriptomic and proteomic analysis. Parasites and Vectors, 2015, 8, 599.	1.0	71
111	Prevalence of tick-borne pathogens in ixodid ticks (Acari: Ixodidae) collected from European wild boar (Sus scrofa) and Iberian red deer (Cervus elaphus hispanicus) in central Spain. European Journal of Wildlife Research, 2004, 50, 187-196.	0.7	70
112	Immunological Control of Ticks through Vaccination with <i>Boophilus microplus</i> Gut Antigens. Annals of the New York Academy of Sciences, 2000, 916, 617-621.	1.8	70
113	Genetic basis and impact of tick acaricide resistance. Frontiers in Bioscience - Landmark, 2009, Volume, 2657.	3.0	70
114	Evidence of Anaplasma infections in European roe deer (Capreolus capreolus) from southern Spain. Research in Veterinary Science, 2008, 84, 382-386.	0.9	69
115	Factors Driving the Abundance of Ixodes ricinus Ticks and the Prevalence of Zoonotic I. ricinus-Borne Pathogens in Natural Foci. Applied and Environmental Microbiology, 2012, 78, 2669-2676.	1.4	69
116	Vaccination with BM86, subolesin and akirin protective antigens for the control of tick infestations in white tailed deer and red deer. Vaccine, 2012, 30, 273-279.	1.7	68
117	Tick galactosyltransferases are involved in Î±-Gal synthesis and play a role during Anaplasma phagocytophilum infection and Ixodes scapularis tick vector development. Scientific Reports, 2018, 8, 14224.	1.6	68
118	The genus Anaplasma: new challenges after reclassification. OIE Revue Scientifique Et Technique, 2015, 34, 577-586.	0.5	67
119	Anaplasma phagocytophilum Infection Subverts Carbohydrate Metabolic Pathways in the Tick Vector, Ixodes scapularis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 23.	1.8	66
120	Tick control: further thoughts on a research agenda. Trends in Parasitology, 2006, 22, 550-551.	1.5	65
121	Immunisation with recombinant proteins subolesin and Bm86 for the control of Dermanyssus gallinae in poultry. Vaccine, 2009, 27, 4056-4063.	1.7	65
122	Prevalence and Genotypes of <i>Anaplasma</i> Species and Habitat Suitability for Ticks in a Mediterranean Ecosystem. Applied and Environmental Microbiology, 2008, 74, 7578-7584.	1.4	64
123	Conservation of major surface protein 1 genes of Anaplasma marginale during cyclic transmission between ticks and cattle. Gene, 2002, 282, 95-102.	1.0	62
124	Prevalence of Coxiella burnetti infection in wild and farmed ungulates. Veterinary Microbiology, 2008, 126, 282-286.	0.8	62
125	Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. Parasitology Research, 2009, 105, 97-111.	0.6	62
126	Control of tick infestations in cattle vaccinated with bacterial membranes containing surface-exposed tick protective antigens. Vaccine, 2012, 30, 265-272.	1.7	62

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127	Molecular identification of tick-borne pathogens in Nigerian ticks. Veterinary Parasitology, 2012, 187, 572-577.	0.7	62
128	One Health approach to identify research needs in bovine and human babesioses: workshop report. Parasites and Vectors, 2010, 3, 36.	1.0	61
129	Control of Rhipicephalus (Boophilus) microplus infestations by the combination of subolesin vaccination and tick autocidal control after subolesin gene knockdown in ticks fed on cattle. Vaccine, 2011, 29, 2248-2254.	1.7	60
130	Autocidal control of ticks by silencing of a single gene by RNA interference. Biochemical and Biophysical Research Communications, 2006, 344, 332-338.	1.0	59
131	Characterization of <i>Anaplasma</i> Infections in Sicily, Italy. Annals of the New York Academy of Sciences, 2008, 1149, 90-93.	1.8	58
132	Subolesin/Akirin Vaccines for the Control of Arthropod Vectors and Vectorborne Pathogens. Transboundary and Emerging Diseases, 2013, 60, 172-178.	1.3	56
133	Guidelines for the Direct Detection of<i>Anaplasma</i>spp. in Diagnosis and Epidemiological Studies. Vector-Borne and Zoonotic Diseases, 2017, 17, 12-22.	0.6	56
134	The fossil record and the origin of ticks (Acari: Parasitiformes: Ixodida). Experimental and Applied Acarology, 2003, 29, 331-344.	0.7	55
135	Expression of Heat Shock and Other Stress Response Proteins in Ticks and Cultured Tick Cells in Response to<i>Anaplasma</i>spp. Infection and Heat Shock. International Journal of Proteomics, 2010, 2010, 1-11.	2.0	55
136	COVID-19 is likely to impact animal health. Preventive Veterinary Medicine, 2020, 180, 105030.	0.7	55
137	Integrated control of acaricide-resistant Boophilus microplus populations on grazing cattle in Mexico using vaccination with Gavac and amidine treatments. Experimental and Applied Acarology, 1999, 23, 841-849.	0.7	54
138	High prevalence of Hepatozoon-infection among shepherd dogs in a region considered to be free of Rhipicephalus sanguineus. Veterinary Parasitology, 2013, 196, 189-193.	0.7	54
139	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. Oncotarget, 2017, 8, 20630-20644.	0.8	54
140	Introduction of foreign DNA into the spermatozoa of farm animals. Theriogenology, 1990, 34, 1099-1110.	0.9	53
141	Subolesin expression in response to pathogen infection in ticks. BMC Immunology, 2010, 11, 7.	0.9	53
142	New species of Ehrlichia isolated from Rhipicephalus (Boophilus) microplus shows an ortholog of the E. canis major immunogenic glycoprotein gp36 with a new sequence of tandem repeats. Parasites and Vectors, 2012, 5, 291.	1.0	53
143	Anti-Tick Microbiota Vaccine Impacts Ixodes ricinus Performance during Feeding. Vaccines, 2020, 8, 702.	2.1	53
144	Molecular characterization of Anaplasma platys strains from dogs in Sicily, Italy. BMC Veterinary Research, 2006, 2, 24.	0.7	52

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145	West Nile virus in the endangered Spanish imperial eagle. Veterinary Microbiology, 2008, 129, 171-178.	0.8	52
146	Functional genomics and evolution of tickâ€“Anaplasma interactions and vaccine development. Veterinary Parasitology, 2010, 167, 175-186.	0.7	52
147	Oral Vaccination with Heat Inactivated Mycobacterium bovis Activates the Complement System to Protect against Tuberculosis. PLoS ONE, 2014, 9, e98048.	1.1	52
148	Flying ticks: anciently evolved associations that constitute a risk of infectious disease spread. Parasites and Vectors, 2015, 8, 538.	1.0	52
149	Factors driving the circulation and possible expansion of Crimean-Congo haemorrhagic fever virus in the western Palearctic. Journal of Applied Microbiology, 2013, 114, 278-286.	1.4	51
150	Transovarial silencing of the subolesin gene in three-host ixodid tick species after injection of replete females with subolesin dsRNA. Parasitology Research, 2007, 100, 1411-1415.	0.6	50
151	Increasing Contact with Hepatitis E Virus in Red Deer, Spain. Emerging Infectious Diseases, 2010, 16, 1994-1996.	2.0	50
152	Synergistic effect of silencing the expression of tick protective antigens 4D8 and Rs86 in Rhipicephalus sanguineus by RNA interference. Parasitology Research, 2006, 99, 108-113.	0.6	49
153	Targeting the tick-pathogen interface for novel control strategies. Frontiers in Bioscience - Landmark, 2008, Volume, 6947.	3.0	49
154	Characterization of Anaplasma phagocytophilum and A. ovis infection in a naturally infected sheep flock with poor health condition. Tropical Animal Health and Production, 2010, 42, 1327-1331.	0.5	49
155	IrSPI, a Tick Serine Protease Inhibitor Involved in Tick Feeding and Bartonella henselae Infection. PLoS Neglected Tropical Diseases, 2014, 8, e2993.	1.3	49
156	Molecular identification and characterization of Anaplasma platys and Ehrlichia canis in dogs in Mexico. Ticks and Tick-borne Diseases, 2016, 7, 276-283.	1.1	49
157	Proteomic characterisation of bovine and avian purified protein derivatives and identification of specific antigens for serodiagnosis of bovine tuberculosis. Clinical Proteomics, 2017, 14, 36.	1.1	49
158	Functional Evolution of Subolesin/Akirin. Frontiers in Physiology, 2018, 9, 1612.	1.3	49
159	Proteomic and transcriptomic analyses of differential stress/inflammatory responses in mandibular lymph nodes and oropharyngeal tonsils of European wild boars naturally infected withMycobacterium bovis. Proteomics, 2007, 7, 220-231.	1.3	48
160	Fine-tuning the space, time, and host distribution of mycobacteria in wildlife. BMC Microbiology, 2011, 11, 27.	1.3	48
161	Evaluation of baits for oral vaccination of European wild boar piglets. Research in Veterinary Science, 2009, 86, 388-393.	0.9	47
162	Safety Evaluation of Transgenic Tilapia with Accelerated Growth. Marine Biotechnology, 1999, 1, 2-14.	1.1	46

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163	Phylogeographic analysis reveals association of tick-borne pathogen, Anaplasma marginale, MSP1a sequences with ecological traits affecting tick vector performance. BMC Biology, 2009, 7, 57.	1.7	46
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165	Survey on blood-sucking lice (Phthiraptera: Anoplura) of ruminants and pigs with molecular detection of Anaplasma and Rickettsia spp. Veterinary Parasitology, 2010, 174, 355-358.	0.7	46
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