

# JosÃ© de la Fuente

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Akirin/Subolesin regulatory mechanisms at host/tickâ€“pathogen interactions. <i>MicroLife</i> , 2022, 3, .	1.0	2
2	Fatal cases of bovine anaplasmosis in a herd infected with different <i>Anaplasma marginale</i> genotypes in southern Spain. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101864.	1.1	7
3	A Quantum Vaccinomics Approach Based on Proteinâ€“Protein Interactions. <i>Methods in Molecular Biology</i> , 2022, 2411, 287-305.	0.4	8
4	Exploring the Ecological Implications of Microbiota Diversity in Birds: Natural Barriers Against Avian Malaria. <i>Frontiers in Immunology</i> , 2022, 13, 807682.	2.2	6
5	Additional considerations for anti-tick vaccine research. <i>Expert Review of Vaccines</i> , 2022, 21, 1019-1021.	2.0	9
6	Functional characterization of Î±-Gal producing lactic acid bacteria with potential probiotic properties. <i>Scientific Reports</i> , 2022, 12, 7484.	1.6	8
7	Assessment of the Safety and Efficacy of an Oral Probiotic-Based Vaccine Against <i>Aspergillus</i> Infection in Captive-Bred Humboldt Penguins ( <i>Spheniscus humboldti</i> ). <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
8	Oral vaccine formulation combining tick Subolesin with heat inactivated mycobacteria provides control of cross-species cattle tick infestations. <i>Vaccine</i> , 2022, 40, 4564-4573.	1.7	9
9	Heat inactivated mycobacteria, alphaâ€“Gal and zebrafish: Insights gained from experiences with two promising trained immunity inducers and a validated animal model. <i>Immunology</i> , 2022, 167, 139-153.	2.0	7
10	The antibody response to the glycan Î±â€“Gal correlates with COVIDâ€“19 disease symptoms. <i>Journal of Medical Virology</i> , 2021, 93, 2065-2075.	2.5	25
11	Detection of new Crimeanâ€“Congo haemorrhagic fever virus genotypes in ticks feeding on deer and wild boar, Spain. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 993-1000.	1.3	30
12	Microbial community of <i>Hyalomma lusitanicum</i> is dominated by Francisella-like endosymbiont. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101624.	1.1	7
13	Immunity to glycan Î±-Gal and possibilities for the control of COVID-19. <i>Immunotherapy</i> , 2021, 13, 185-188.	1.0	15
14	Detection of environmental SARSâ€“CoVâ€“2 RNA in a high prevalence setting in Spain. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1487-1492.	1.3	38
15	SARS-CoV-2 in animals: potential for unknown reservoir hosts and public health implications. <i>Veterinary Quarterly</i> , 2021, 41, 181-201.	3.0	112
16	Enlisting the <i>Ixodes scapularis</i> Embryonic ISE6 Cell Line to Investigate the Neuronal Basis of Tickâ€“Pathogen Interactions. <i>Pathogens</i> , 2021, 10, 70.	1.2	11
17	Analysis of Genetic Diversity in Indian Isolates of <i>Rhipicephalus microplus</i> Based on Bm86 Gene Sequence. <i>Vaccines</i> , 2021, 9, 194.	2.1	5
18	Comparative analysis of <i>Rhipicephalus</i> tick salivary gland and cement elementome. <i>Heliyon</i> , 2021, 7, e06721.	1.4	3

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19	Additional evidence on the efficacy of different Akirin vaccines assessed on <i>Anopheles arabiensis</i> (Diptera: Culicidae). <i>Parasites and Vectors</i> , 2021, 14, 209.	1.0	2
20	Arthropod Ectoparasites Have Potential to Bind SARS-CoV-2 via ACE. <i>Viruses</i> , 2021, 13, 708.	1.5	7
21	Functional Food for the Stimulation of the Immune System Against Malaria. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1254-1266.	1.9	9
22	Assessing the risks of SARS-CoV-2 in wildlife. <i>One Health Outlook</i> , 2021, 3, 7.	1.4	87
23	Tick Importin- $\beta$ Is Implicated in the Interactome and Regulome of the Cofactor Subolesin. <i>Pathogens</i> , 2021, 10, 457.	1.2	5
24	Citizen science initiative points at childhood BCG vaccination as a risk factor for COVID-19. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3114-3119.	1.3	8
25	Tick- $\alpha$ -human interactions: from allergic sensitivity to the $\alpha$ -Gal syndrome. <i>Biochemical Journal</i> , 2021, 478, 1783-1794.	1.7	16
26	Characterization of the anti- $\alpha$ -Gal antibody profile in association with Guillain-Barré syndrome, implications for tick-related allergic reactions. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101651.	1.1	7
27	Probiotic Bacteria with High Alpha-Gal Content Protect Zebrafish against Mycobacteriosis. <i>Pharmaceuticals</i> , 2021, 14, 635.	1.7	14
28	Function of cofactor Akirin2 in the regulation of gene expression in model human Caucasian neutrophil-like HL60 cells. <i>Bioscience Reports</i> , 2021, 41, .	1.1	1
29	Anti-Microbiota Vaccines Modulate the Tick Microbiome in a Taxon-Specific Manner. <i>Frontiers in Immunology</i> , 2021, 12, 704621.	2.2	38
30	The sound of host-SARS-CoV-2 molecular interactions. <i>Innovation(China)</i> , 2021, 2, 100126.	5.2	1
31	Characterization by Quantitative Serum Proteomics of Immune-Related Prognostic Biomarkers for COVID-19 Symptomatology. <i>Frontiers in Immunology</i> , 2021, 12, 730710.	2.2	30
32	Translational biotechnology for the control of ticks and tick-borne diseases. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101738.	1.1	17
33	Cattle ticks and tick-borne diseases: a review of Uganda's situation. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101756.	1.1	43
34	Vaccinomics: a future avenue for vaccine development against emerging pathogens. <i>Expert Review of Vaccines</i> , 2021, 20, 1561-1569.	2.0	18
35	Recent Advances on the Innate Immune Response to <i>Coxiella burnetii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 754455.	1.8	14
36	Changes in Serum Biomarkers of Oxidative Stress in Cattle Vaccinated with Tick Recombinant Antigens: A Pilot Study. <i>Vaccines</i> , 2021, 9, 5.	2.1	11

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37	Conflict and cooperation in tick-host-pathogen interactions contribute to increased tick fitness and survival.. , 2021, , 232-239.		1
38	The Î±-Gal Syndrome and Potential Mechanisms. <i>Frontiers in Allergy</i> , 2021, 2, 783279.	1.2	22
39	Characterization of tick salivary gland and saliva alphagalactome reveals candidate alpha-gal syndrome disease biomarkers. <i>Expert Review of Proteomics</i> , 2021, 18, 1099-1116.	1.3	12
40	Î±-Gal-Based Vaccines: Advances, Opportunities, and Perspectives. <i>Trends in Parasitology</i> , 2020, 36, 992-1001.	1.5	25
41	Alpha-gal syndrome: challenges to understanding sensitization and clinical reactions to alpha-gal. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 905-911.	1.5	22
42	Immune Response to Tick-Borne Hemoparasites: Host Adaptive Immune Response Mechanisms as Potential Targets for Therapies and Vaccines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8813.	1.8	11
43	Anti-Tick Microbiota Vaccine Impacts <i>Ixodes ricinus</i> Performance during Feeding. <i>Vaccines</i> , 2020, 8, 702.	2.1	53
44	COVID-19 in the Developing World: Is the Immune Response to Î±-Gal an Overlooked Factor Mitigating the Severity of Infection?. <i>ACS Infectious Diseases</i> , 2020, 6, 3104-3108.	1.8	8
45	Coronavirus in cat flea: findings and questions regarding COVID-19. <i>Parasites and Vectors</i> , 2020, 13, 409.	1.0	14
46	Innate Immune Response to Tick-Borne Pathogens: Cellular and Molecular Mechanisms Induced in the Hosts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5437.	1.8	22
47	Control of tick infestations in wild roe deer ( <i>Capreolus capreolus</i> ) vaccinated with the Q38 Subolesin/Akirin chimera. <i>Vaccine</i> , 2020, 38, 6450-6454.	1.7	12
48	The Adoption of Viral Capsid-Derived Virus-Like Particles (VLPs) for Disease Prevention and Treatments. <i>Vaccines</i> , 2020, 8, 432.	2.1	12
49	Targeting the Exoskeleton Elementome to Track Tick Geographic Origins. <i>Frontiers in Physiology</i> , 2020, 11, 572758.	1.3	2
50	Host or pathogen-related factors in COVID-19 severity?. <i>Lancet, The</i> , 2020, 396, 1396-1397.	6.3	8
51	Vaccination with Alpha-Gal Protects Against Mycobacterial Infection in the Zebrafish Model of Tuberculosis. <i>Vaccines</i> , 2020, 8, 195.	2.1	25
52	COVID-19 is likely to impact animal health. <i>Preventive Veterinary Medicine</i> , 2020, 180, 105030.	0.7	55
53	Gut Microbiota Abrogates Anti-Î±-Gal IgA Response in Lungs and Protects against Experimental <i>Aspergillus</i> Infection in Poultry. <i>Vaccines</i> , 2020, 8, 285.	2.1	26
54	Vaccination with Recombinant Subolesin Antigens Provides Cross-Tick Species Protection in <i>Bos indicus</i> and Crossbred Cattle in Uganda. <i>Vaccines</i> , 2020, 8, 319.	2.1	27

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55	Quantitative Proteomics Identifies Metabolic Pathways Affected by Babesia Infection and Blood Feeding in the Sialoproteome of the Vector Rhipicephalus bursa. Vaccines, 2020, 8, 91.	2.1	7
56	Modeling tick vaccines: a key tool to improve protection efficacy. Expert Review of Vaccines, 2020, 19, 217-225.	2.0	10
57	Allergic Reactions and Immunity in Response to Tick Salivary Biogenic Substances and Red Meat Consumption in the Zebrafish Model. Frontiers in Cellular and Infection Microbiology, 2020, 10, 78.	1.8	21
58	Experimental Ixodes ricinus-Sheep Cycle of Anaplasma phagocytophilum NV2Os Propagated in Tick Cell Cultures. Frontiers in Veterinary Science, 2020, 7, 40.	0.9	15
59	Quantification of the Animal Tuberculosis Multi-Host Community Offers Insights for Control. Pathogens, 2020, 9, 421.	1.2	29
60	A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. Vaccines, 2020, 8, 77.	2.1	22
61	Vaccination with Ectoparasite Proteins Involved in Midgut Function and Blood Digestion Reduces Salmon Louse Infestations. Vaccines, 2020, 8, 32.	2.1	18
62	Anaplasma pathogen infection alters chemical composition of the exoskeleton of hard ticks (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	10
63	Tick and Host Derived Compounds Detected in the Cement Complex Substance. Biomolecules, 2020, 10, 555.	1.8	32
64	Infection with Toxocara canis Inhibits the Production of IgE Antibodies to Î±-Gal in Humans: Towards a Conceptual Framework of the Hygiene Hypothesis?. Vaccines, 2020, 8, 167.	2.1	17
65	Comparative Proteomic Analysis of Rhipicephalus sanguineus sensu lato (Acari: Ixodidae) Tropical and Temperate Lineages: Uncovering Differences During Ehrlichia canis Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 611113.	1.8	6
66	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. F1000Research, 2020, 9, 1366.	0.8	3
67	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. F1000Research, 2020, 9, 1366.	0.8	4
68	The exquisite corpse for the advance of science. Arts Et Sciences, 2020, 4, .	0.1	2
69	Visual communication and learning from COVID-19 to advance preparedness for pandemics. Exploration of Medicine, 2020, 1, 244-247.	1.5	1
70	Meeting the challenge of tick-borne disease control: A proposal for 1000 Ixodes genomes. Ticks and Tick-borne Diseases, 2019, 10, 213-218.	1.1	11
71	A Vaccinomics Approach for the Identification of Tick Protective Antigens for the Control of Ixodes ricinus and Dermacentor reticulatus Infestations in Companion Animals. Frontiers in Physiology, 2019, 10, 977.	1.3	22
72	Delayed hypersensitivity reaction to mammalian galactose-Î±-1,3-galactose (Î±-Gal) after repeated tick bites in a patient from France. Ticks and Tick-borne Diseases, 2019, 10, 1057-1059.	1.1	12

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73	Evolutionary Insights into the Tick Hologenome. <i>Trends in Parasitology</i> , 2019, 35, 725-737.	1.5	43
74	A combination of antibodies against Bm86 and Subolesin inhibits engorgement of <i>Rhipicephalus australis</i> (formerly <i>Rhipicephalus microplus</i> ) larvae in vitro. <i>Parasites and Vectors</i> , 2019, 12, 362.	1.0	21
75	Why New Vaccines for the Control of Ectoparasite Vectors Have Not Been Registered and Commercialized?. <i>Vaccines</i> , 2019, 7, 75.	2.1	34
76	Clinical gamasoidosis and antibody response in two patients infested with <i>Ornithonyssus bursa</i> (Acari: Gamasida: Macronyssidae). <i>Experimental and Applied Acarology</i> , 2019, 78, 555-564.	0.7	12
77	Tuberculosis vaccination sequence effect on protection in wild boar. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 66, 101329.	0.7	6
78	Metaproteomics characterization of the alphaproteobacteria microbiome in different developmental and feeding stages of the poultry red mite <i>Dermanyssus gallinae</i> (De Geer, 1778). <i>Avian Pathology</i> , 2019, 48, S52-S59.	0.8	8
79	The Good, the Bad and the Tick. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 79.	1.8	4
80	Reduction in Oviposition of Poultry Red Mite ( <i>Dermanyssus gallinae</i> ) in Hens Vaccinated with Recombinant Akirin. <i>Vaccines</i> , 2019, 7, 121.	2.1	15
81	The redox metabolic pathways function to limit <i>Anaplasma phagocytophilum</i> infection and multiplication while preserving fitness in tick vector cells. <i>Scientific Reports</i> , 2019, 9, 13236.	1.6	17
82	Tick Bites Induce Anti-Î±-Gal Antibodies in Dogs. <i>Vaccines</i> , 2019, 7, 114.	2.1	16
83	A metaproteomics approach reveals changes in mandibular lymph node microbiota of wild boar naturally exposed to an increasing trend of <i>Mycobacterium tuberculosis</i> complex infection. <i>Tuberculosis</i> , 2019, 114, 103-112.	0.8	2
84	Tick-Pathogen Interactions: The Metabolic Perspective. <i>Trends in Parasitology</i> , 2019, 35, 316-328.	1.5	26
85	Modeling Modulation of the Tick Regulome in Response to <i>Anaplasma phagocytophilum</i> for the Identification of New Control Targets. <i>Frontiers in Physiology</i> , 2019, 10, 462.	1.3	10
86	Environmental and Molecular Drivers of the Î±-Gal Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 1210.	2.2	80
87	<i>Anaplasma phagocytophilum</i> modifies tick cell microRNA expression and upregulates isc-mir-79 to facilitate infection by targeting the Roundabout protein 2 pathway. <i>Scientific Reports</i> , 2019, 9, 9073.	1.6	12
88	Host Richness Increases Tuberculosis Disease Risk in Game-Managed Areas. <i>Microorganisms</i> , 2019, 7, 182.	1.6	21
89	Molecular identification of spotted fever group <i>Rickettsia</i> in ticks collected from dogs and small ruminants in Greece. <i>Experimental and Applied Acarology</i> , 2019, 78, 421-430.	0.7	9
90	Oral Vaccination With a Formulation Combining <i>Rhipicephalus microplus</i> Subolesin With Heat Inactivated <i>Mycobacterium bovis</i> Reduces Tick Infestations in Cattle. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 45.	1.8	26

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91	Transcriptome and Proteome Response of Rhipicephalus annulatus Tick Vector to Babesia bigemina Infection. <i>Frontiers in Physiology</i> , 2019, 10, 318.	1.3	24
92	The alpha-Gal syndrome: new insights into the tick-host conflict and cooperation. <i>Parasites and Vectors</i> , 2019, 12, 154.	1.0	38
93	A Vaccinology Approach to the Identification and Characterization of Dermanyssus gallinae Candidate Protective Antigens for the Control of Poultry Red Mite Infestations. <i>Vaccines</i> , 2019, 7, 190.	2.1	17
94	Species occurrence of ticks in South America, and interactions with biotic and abiotic traits. <i>Scientific Data</i> , 2019, 6, 299.	2.4	4
95	Characterization of the bacterial microbiota in wild-caught Ixodes ventralloi. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 336-343.	1.1	19
96	Identification and characterization of vaccine candidates against Hyalomma anaticum Vector of Crimean-Congo haemorrhagic fever virus. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 422-434.	1.3	20
97	Guillain-Barré and Alpha-gal Syndromes: Saccharides-induced Immune Responses. <i>Exploratory Research and Hypothesis in Medicine</i> , 2019, 000, 000-000.	0.1	8
98	Molecular identification of tick-borne pathogens in ticks collected from dogs and small ruminants from Greece. <i>Experimental and Applied Acarology</i> , 2018, 74, 443-453.	0.7	18
99	Controlling ticks and tick-borne diseases—looking forward. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1354-1357.	1.1	99
100	Impact of piglet oral vaccination against tuberculosis in endemic free-ranging wild boar populations. <i>Preventive Veterinary Medicine</i> , 2018, 155, 11-20.	0.7	43
101	Draft Genome Sequences of Anaplasma phagocytophilum , A. marginale , and A. ovis Isolates from Different Hosts. <i>Genome Announcements</i> , 2018, 6, .	0.8	6
102	Genome-wide associations identify novel candidate loci associated with genetic susceptibility to tuberculosis in wild boar. <i>Scientific Reports</i> , 2018, 8, 1980.	1.6	15
103	The fossil record and the origin of ticks revisited. <i>Experimental and Applied Acarology</i> , 2018, 75, 255-261.	0.7	14
104	Tick- and fly-borne bacteria in ungulates: the prevalence of Anaplasma phagocytophilum, haemoplasmas and rickettsiae in water buffalo and deer species in Central Europe, Hungary. <i>BMC Veterinary Research</i> , 2018, 14, 98.	0.7	46
105	Antiplasmodial activity of tick defensins in a mouse model of malaria. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 844-849.	1.1	15
106	Identification and molecular characterization of spotted fever group rickettsiae in ticks collected from farm ruminants in Lebanon. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 104-108.	1.1	18
107	Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018, 9, 1612.	1.3	49
108	Common Strategies, Different Mechanisms to Infect the Host: Anaplasma and Mycobacterium. , 2018, , .		0

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109	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
110	Differential expression analysis for subolesin in Rhipicephalus microplus infected with Anaplasma marginale. Experimental and Applied Acarology, 2018, 76, 229-241.	0.7	3
111	Comparative proteomics identified immune response proteins involved in response to vaccination with heat-inactivated Mycobacterium bovis and mycobacterial challenge in cattle. Veterinary Immunology and Immunopathology, 2018, 206, 54-64.	0.5	8
112	Integrated metatranscriptomics and metaproteomics for the characterization of bacterial microbiota in unfed Ixodes ricinus. Ticks and Tick-borne Diseases, 2018, 9, 1241-1251.	1.1	36
113	Molecular evidence of the reservoir competence of water buffalo (Bubalus bubalis) for Anaplasma marginale in Cuba. Veterinary Parasitology: Regional Studies and Reports, 2018, 13, 180-187.	0.3	10
114	High throughput discovery and characterization of tick and pathogen vaccine protective antigens using vaccinomics with intelligent Big Data analytic techniques. Expert Review of Vaccines, 2018, 17, 569-576.	2.0	32
115	Heat-inactivated Mycobacterium bovis protects zebrafish against mycobacteriosis. Journal of Fish Diseases, 2018, 41, 1515-1528.	0.9	26
116	Biotic and abiotic factors shape the microbiota of wild-caught populations of the arbovirus vector Culicoides imicola. Insect Molecular Biology, 2018, 27, 847-861.	1.0	18
117	Interactomics and tick vaccine development: new directions for the control of tick-borne diseases. Expert Review of Proteomics, 2018, 15, 627-635.	1.3	18
118	Rhipicephalus bursa Sialotranscriptomic Response to Blood Feeding and Babesia ovis Infection: Identification of Candidate Protective Antigens. Frontiers in Cellular and Infection Microbiology, 2018, 8, 116.	1.8	30
119	Editorial: Tick-Host-Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2018, 8, 194.	1.8	6
120	A reverse vaccinology approach to the identification and characterization of Ctenocephalides felis candidate protective antigens for the control of cat flea infestations. Parasites and Vectors, 2018, 11, 43.	1.0	22
121	Use of Graph Theory to Characterize Human and Arthropod Vector Cell Protein Response to Infection With Anaplasma phagocytophilum. Frontiers in Cellular and Infection Microbiology, 2018, 8, 265.	1.8	30
122	Control of mycobacteriosis in zebrafish ( Danio rerio ) mucosally vaccinated with heat-inactivated Mycobacterium bovis. Vaccine, 2018, 36, 4447-4453.	1.7	26
123	Applying proteomics to tick vaccine development: where are we?. Expert Review of Proteomics, 2017, 14, 211-221.	1.3	28
124	Control of infestations by Ixodes ricinus tick larvae in rabbits vaccinated with aquaporin recombinant antigens. Vaccine, 2017, 35, 1323-1328.	1.7	45
125	Tick-borne pathogens induce differential expression of genes promoting cell survival and host resistance in Ixodes ricinus cells. Parasites and Vectors, 2017, 10, 81.	1.0	35
126	Infection-derived lipids elicit an immune deficiency circuit in arthropods. Nature Communications, 2017, 8, 14401.	5.8	103

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127	A retrospective study of the characterization of Rickettsia species in ticks collected from humans. Ticks and Tick-borne Diseases, 2017, 8, 610-614.	1.1	26
128	Human to human transmission of arthropod-borne pathogens. Current Opinion in Virology, 2017, 22, 13-21.	2.6	22
129	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. Trends in Parasitology, 2017, 33, 495-498.	1.5	27
130	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
131	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
132	The response of red deer to oral administration of heat-inactivated Mycobacterium bovis and challenge with a field strain. Veterinary Microbiology, 2017, 208, 195-202.	0.8	28
133	Functional characterization of candidate antigens of Hyalomma anatolicum and evaluation of its cross-protective efficacy against Rhipicephalus microplus. Vaccine, 2017, 35, 5682-5692.	1.7	25
134	Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. Heliyon, 2017, 3, e00353.	1.4	10
135	Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. Vaccine, 2017, 35, 5089-5094.	1.7	74
136	Solute carriers affect Anopheles stephensi survival and Plasmodium berghei infection in the salivary glands. Scientific Reports, 2017, 7, 6141.	1.6	15
137	Prevalence of type I sensitization to alpha-Î±Gal in forest service employees and hunters: Is the blood type an overlooked risk factor in epidemiological studies of the Î±Gal syndrome?. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 2044-2047.	2.7	16
138	Immunity to Î±-Gal: Toward a Single-Antigen Pan-Vaccine To Control Major Infectious Diseases. ACS Central Science, 2017, 3, 1140-1142.	5.3	31
139	Molecular survey of Rickettsial organisms in ectoparasites from a dog shelter in Northern Mexico. Veterinary Parasitology: Regional Studies and Reports, 2017, 10, 143-148.	0.3	2
140	Heat Shock Proteins in Vector-pathogen Interactions: The Anaplasma phagocytophilum Model. Heat Shock Proteins, 2017, , 375-398.	0.2	4
141	Reduction of Mosquito Survival in Mice Vaccinated with <i>Anopheles stephensi</i> Glucose Transporter. BioMed Research International, 2017, 2017, 1-8.	0.9	5
142	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
143	Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. Frontiers in Cellular and Infection Microbiology, 2017, 7, 74.	1.8	22
144	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

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145	Comparative Proteomics Reveals Differences in Host-Pathogen Interaction between Infectious and Commensal Relationship with <i>Campylobacter jejuni</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 145.	1.8	11
146	Functional Redundancy and Ecological Innovation Shape the Circulation of Tick-Transmitted Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 234.	1.8	10
147	<i>Anaplasma phagocytophilum</i> MSP4 and HSP70 Proteins Are Involved in Interactions with Host Cells during Pathogen Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 307.	1.8	44
148	Vaccinomics Approach to the Identification of Candidate Protective Antigens for the Control of Tick Vector Infestations and <i>Anaplasma phagocytophilum</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 360.	1.8	34
149	<i>Ixodes scapularis</i> Tick Cells Control <i>Anaplasma phagocytophilum</i> Infection by Increasing the Synthesis of Phosphoenolpyruvate from Tyrosine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 375.	1.8	28
150	Immunity to $\beta$ -Gal: The Opportunity for Malaria and Tuberculosis Control. <i>Frontiers in Immunology</i> , 2017, 8, 1733.	2.2	17
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280	Efficacy of <i>Rhipicephalus (Boophilus) microplus</i> Bm86 against <i>Hyalomma dromedarii</i> and <i>Amblyomma cajennense</i> tick infestations in camels and cattle. <i>Vaccine</i> , 2012, 30, 3453-3458.	1.7	33
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290	Wild Boars as Hosts of Human-Pathogenic <i>Anaplasma phagocytophilum</i> Variants. <i>Emerging Infectious Diseases</i> , 2012, 18, 2094-2095.	2.0	18
291	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> . <i>Medical and Veterinary Entomology</i> , 2012, 26, 92-102.	0.7	76
292	Functional genomics studies of <i>Rhipicephalus (Boophilus) annulatus</i> ticks in response to infection with the cattle protozoan parasite, <i>Babesia bigemina</i> . <i>International Journal for Parasitology</i> , 2012, 42, 187-195.	1.3	84
293	Hd86, the Bm86 tick protein ortholog in <i>Hyalomma scupense</i> (syn. <i>H. detritum</i> ): Expression in <i>Pichia pastoris</i> and analysis of nucleotides and amino acids sequences variations prior to vaccination trials. <i>Veterinary Parasitology</i> , 2012, 183, 215-223.	0.7	17
294	Ecological preferences of exophilic and endophilic ticks (Acari: Ixodidae) parasitizing wild carnivores in the Iberian Peninsula. <i>Veterinary Parasitology</i> , 2012, 184, 248-257.	0.7	31
295	Molecular identification of tick-borne pathogens in Nigerian ticks. <i>Veterinary Parasitology</i> , 2012, 187, 572-577.	0.7	62
296	Comparative efficacy of rHaa86 and rBm86 against <i>Hyalomma anatolicum anatolicum</i> and <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> . <i>Parasite Immunology</i> , 2012, 34, 297-301.	0.7	25
297	Transcriptomics Data Integration Reveals Jak-STAT as a Common Pathway Affected by Pathogenic Intracellular Bacteria in Natural Reservoir Hosts. <i>Journal of Proteomics and Bioinformatics</i> , 2012, 05, .	0.4	12
298	First Molecular Evidence of <i>Anaplasma ovis</i> and <i>Rickettsia</i> spp. in Keds (Diptera: Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 382 T	0.6	83
299	Host expression of methylmalonyl-CoA mutase and tuberculosis: A missing link?. <i>Medical Hypotheses</i> , 2011, 76, 361-364.	0.8	7
300	Control of <i>Rhipicephalus (Boophilus) microplus</i> infestations by the combination of subolesin vaccination and tick autocidal control after subolesin gene knockdown in ticks fed on cattle. <i>Vaccine</i> , 2011, 29, 2248-2254.	1.7	60
301	Targeting the tick protective antigen subolesin reduces vector infestations and pathogen infection by <i>Anaplasma marginale</i> and <i>Babesia bigemina</i> . <i>Vaccine</i> , 2011, 29, 8575-8579.	1.7	73
302	Protection against Tuberculosis in Eurasian Wild Boar Vaccinated with Heat-Inactivated <i>Mycobacterium bovis</i> . <i>PLoS ONE</i> , 2011, 6, e24905.	1.1	108
303	RNA Interference in Ticks. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	24
304	Acceptance and palatability for domestic and wildlife hosts of baits designed to deliver a tuberculosis vaccine to wild boar piglets. <i>Preventive Veterinary Medicine</i> , 2011, 98, 198-203.	0.7	23
305	Progress in the control of bovine tuberculosis in Spanish wildlife. <i>Veterinary Microbiology</i> , 2011, 151, 170-178.	0.8	97
306	Prevalence and genetic diversity of <i>Babesia</i> and <i>Anaplasma</i> species in cattle in Sudan. <i>Veterinary Parasitology</i> , 2011, 181, 146-152.	0.7	38

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308	Spatio-Temporal Trends of Iberian Wild Boar Contact with Mycobacterium tuberculosis Complex Detected by ELISA. <i>EcoHealth</i> , 2011, 8, 478-484.	0.9	28
309	Specificity and success of oral-bait delivery to Eurasian wild boar in Mediterranean woodland habitats. <i>European Journal of Wildlife Research</i> , 2011, 57, 749-757.	0.7	32
310	Six recommendations for improving monitoring of diseases shared with wildlife: examples regarding mycobacterial infections in Spain. <i>European Journal of Wildlife Research</i> , 2011, 57, 697-706.	0.7	42
311	Functional genomics of the horn fly, <i>Haematobia irritans</i> (Linnaeus, 1758). <i>BMC Genomics</i> , 2011, 12, 105.	1.2	31
312	Fine-tuning the space, time, and host distribution of mycobacteria in wildlife. <i>BMC Microbiology</i> , 2011, 11, 27.	1.3	48
313	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> ). <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 77-83.	0.5	92
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316	Protection in the absence of exclusion between two Brazilian isolates of <i>Anaplasma marginale</i> in experimentally infected calves. <i>Veterinary Journal</i> , 2010, 186, 374-378.	0.6	22
317	Differential expression of genes in salivary glands of male <i>Rhipicephalus (Boophilus) microplus</i> in response to infection with <i>Anaplasma marginale</i> . <i>BMC Genomics</i> , 2010, 11, 186.	1.2	71
318	Subolesin expression in response to pathogen infection in ticks. <i>BMC Immunology</i> , 2010, 11, 7.	0.9	53
319	Application of highly sensitive saturation labeling to the analysis of differential protein expression in infected ticks from limited samples. <i>Proteome Science</i> , 2010, 8, 43.	0.7	27
320	Characterization of pathogen-specific expression of host immune response genes in <i>Anaplasma</i> and <i>Mycobacterium</i> species infected ruminants. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, e133-e142.	0.7	7
321	Experimental infection of Eurasian wild boar with <i>Mycobacterium avium</i> subsp. <i>avium</i> . <i>Veterinary Microbiology</i> , 2010, 144, 240-245.	0.8	14
322	Prevalence of Tick-Borne Pathogens in Ticks in Sicily. <i>Transboundary and Emerging Diseases</i> , 2010, 57, 46-48.	1.3	24
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326	The natural history of <i>Anaplasma marginale</i> . <i>Veterinary Parasitology</i> , 2010, 167, 95-107.	0.7	387
327	Functional genomics and evolution of tick– <i>Anaplasma</i> interactions and vaccine development. <i>Veterinary Parasitology</i> , 2010, 167, 175-186.	0.7	52
328	Survey on blood-sucking lice (Phthiraptera: Anoplura) of ruminants and pigs with molecular detection of <i>Anaplasma</i> and <i>Rickettsia</i> spp. <i>Veterinary Parasitology</i> , 2010, 174, 355-358.	0.7	46
329	Spatial distribution and risk factors of Brucellosis in Iberian wild ungulates. <i>BMC Infectious Diseases</i> , 2010, 10, 46.	1.3	125
330	Expression of Heat Shock and Other Stress Response Proteins in Ticks and Cultured Tick Cells in Response to <i>Anaplasma</i> spp. <i>Infection and Heat Shock. International Journal of Proteomics</i> , 2010, 1-11.	2.0	55
331	Increasing Contact with Hepatitis E Virus in Red Deer, Spain. <i>Emerging Infectious Diseases</i> , 2010, 16, 1994-1996.	2.0	50
332	One Health approach to identify research needs in bovine and human babesioses: workshop report. <i>Parasites and Vectors</i> , 2010, 3, 36.	1.0	61
333	Identification of protective antigens by RNA interference for control of the lone star tick, <i>Amblyomma americanum</i> . <i>Vaccine</i> , 2010, 28, 1786-1795.	1.7	40
334	Characterization of ferritin 2 for the control of tick infestations. <i>Vaccine</i> , 2010, 28, 2993-2998.	1.7	111
335	Mapping protective epitopes in the tick and mosquito subolesin ortholog proteins. <i>Vaccine</i> , 2010, 28, 5398-5406.	1.7	44
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337	Gene expression changes in spleens of the wildlife reservoir species, Eurasian wild boar ( <i>Sus scrofa</i> ), naturally infected with <i>Brucella suis</i> biovar 2. <i>Journal of Genetics and Genomics</i> , 2010, 37, 725-736.	1.7	10
338	Scientific review on Tuberculosis in wildlife in the EU. <i>EFSA Supporting Publications</i> , 2009, 6, 12E.	0.3	2
339	Genetic basis and impact of tick acaricide resistance. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2657.	3.0	70
340	Inoculation of White-Tailed Deer ( <i>Odocoileus virginianus</i> ) with Ap-V1 Or NY-18 Strains of <i>Anaplasma phagocytophilum</i> and Microscopic Demonstration of Ap-V1 In <i>Ixodes Scapularis</i> Adults that Acquired Infection from Deer as Nymphs. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 565-568.	0.6	28
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342	<i>Rickettsia massiliae</i> in the Canary Islands. <i>Emerging Infectious Diseases</i> , 2009, 15, 1869-1870.	2.0	24

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344	Allopatric speciation in ticks: genetic and reproductive divergence between geographic strains of <i>Rhipicephalus (Boophilus) microplus</i> . <i>BMC Evolutionary Biology</i> , 2009, 9, 46.	3.2	82
345	Experimental transmission of field <i>Anaplasma marginale</i> and the <i>A. centrale</i> vaccine strain by <i>Hyalomma excavatum</i> , <i>Rhipicephalus sanguineus</i> and <i>Rhipicephalus (Boophilus) annulatus</i> ticks. <i>Veterinary Microbiology</i> , 2009, 134, 254-260.	0.8	38
346	Expression of immunoregulatory genes in peripheral blood mononuclear cells of European wild boar immunized with BCG. <i>Veterinary Microbiology</i> , 2009, 134, 334-339.	0.8	26
347	Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. <i>Parasitology Research</i> , 2009, 105, 97-111.	0.6	62
348	The impact of RNA interference of the subolesin and voraxin genes in male <i>Amblyomma hebraeum</i> (Acari: Ixodidae) on female engorgement and oviposition. <i>Experimental and Applied Acarology</i> , 2009, 47, 71-86.	0.7	19
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353	Prevalence of <i>Anaplasma</i> species and habitat suitability for ticks in Sicily. <i>Clinical Microbiology and Infection</i> , 2009, 15, 57-58.	2.8	3
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355	Propagation of a Brazilian isolate of <i>Anaplasma marginale</i> with appendage in a tick cell line (BME26) derived from <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2009, 161, 150-153.	0.7	16
356	Genetic diversity of <i>Anaplasma marginale</i> in Argentina. <i>Veterinary Parasitology</i> , 2009, 162, 176-180.	0.7	46
357	Impact of major histocompatibility complex class II polymorphisms on Iberian red deer parasitism and life history traits. <i>Infection, Genetics and Evolution</i> , 2009, 9, 1232-1239.	1.0	20
358	Extractive bioconversion to produce the <i>Aedes albopictus</i> akirin in an aqueous two-phase system supporting <i>Pichia pastoris</i> growth and protein secretion. <i>Biochemical Engineering Journal</i> , 2009, 46, 105-114.	1.8	20
359	Tick subolesin is an ortholog of the akirins described in insects and vertebrates. <i>Developmental and Comparative Immunology</i> , 2009, 33, 612-617.	1.0	85
360	Response to the commentary of D. Macqueen on: Galindo RC, Doncel-PÃ©rez E, Zivkovic Z, Naranjo V, Gortazar C, Mangold AJ, et al. Tick subolesin is an ortholog of the akirins described in insects and vertebrates [Dev. Comp. Immunol. 33 (2009) 612-617]. <i>Developmental and Comparative Immunology</i> , 2009, 33, 878-879.	1.0	16

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365	Protective efficacy of bacterial membranes containing surface-exposed BM95 antigenic peptides for the control of cattle tick infestations. <i>Vaccine</i> , 2009, 27, 7244-7248.	1.7	23
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367	Gene expression profiles of European wild boar naturally infected with <i>Mycobacterium bovis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 129, 119-125.	0.5	30
368	Recent Advances in the Development of Immuno-adhesins for Immune Therapy and as Anti-Infective Agents. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2009, 4, 183-189.	0.5	7
369	Selective piglet feeders improve age-related bait specificity and uptake rate in overabundant Eurasian wild boar populations. <i>Wildlife Research</i> , 2009, 36, 203.	0.7	27
370	Silencing expression of the defensin, varisin, in male <i>Dermacentor variabilis</i> by RNA interference results in reduced <i>Anaplasma marginale</i> infections. <i>Experimental and Applied Acarology</i> , 2008, 46, 17-28.	0.7	37
371	Expression of recombinant <i>Rhipicephalus (Boophilus) microplus</i> , <i>R. annulatus</i> and <i>R. decoloratus</i> Bm86 orthologs as secreted proteins in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2008, 8, 14.	1.7	37
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374	Genetic diversity of <i>Anaplasma marginale</i> strains from an outbreak of bovine anaplasmosis in an endemic area. <i>Veterinary Parasitology</i> , 2008, 158, 103-109.	0.7	32
375	Differential Expression of the Tick Protective Antigen Subolesin in <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> -infected Host Cells. <i>Annals of the New York Academy of Sciences</i> , 2008, 1149, 27-35.	1.8	30
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377	Characterization of <i>Anaplasma</i> Infections in Sicily, Italy. <i>Annals of the New York Academy of Sciences</i> , 2008, 1149, 90-93.	1.8	58
378	Influence of <i>methylmalonyl-CoA mutase</i> alleles on resistance to bovine tuberculosis in the European wild boar ( <i>Sus scrofa</i> ). <i>Animal Genetics</i> , 2008, 39, 316-320.	0.6	17

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380	Evidence of the role of European wild boar as a reservoir of <i>Mycobacterium tuberculosis</i> complex. <i>Veterinary Microbiology</i> , 2008, 127, 1-9.	0.8	276
381	West Nile virus in the endangered Spanish imperial eagle. <i>Veterinary Microbiology</i> , 2008, 129, 171-178.	0.8	52
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384	Molecular cloning and characterisation of a homologue of the alpha inhibitor of NF- $\kappa$ B in the griffon vulture ( <i>Gyps fulvus</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2008, 122, 318-325.	0.5	6
385	Differential expression of inflammatory and immune response genes in sheep infected with <i>Anaplasma phagocytophilum</i> . <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 27-34.	0.5	19
386	Differential expression of inflammatory and immune response genes in mesenteric lymph nodes of Iberian red deer ( <i>Cervus elaphus hispanicus</i> ) naturally infected with <i>Mycobacterium bovis</i> . <i>Developmental and Comparative Immunology</i> , 2008, 32, 85-91.	1.0	27
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392	Advances toward understanding the molecular biology of the <i>Anaplasma</i> -tick interface. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 7032.	3.0	31
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398	Comparative genomics and proteomics to study tissue-specific response and function in natural <i>Mycobacterium bovis</i> infections. <i>Animal Health Research Reviews</i> , 2007, 8, 81-88.	1.4	21
399	Recent Developments in Oral Bait Vaccines for Wildlife. <i>Recent Patents on Drug Delivery and Formulation</i> , 2007, 1, 230-235.	2.1	15
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404	SEROLOGIC AND MOLECULAR CHARACTERIZATION OF TICK-BORNE PATHOGENS IN LIONS ( <i>PANTHERA LEO</i> ) FROM THE FASANO SAFARI PARK, ITALY. <i>Journal of Zoo and Wildlife Medicine</i> , 2007, 38, 591-593.	0.3	16
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417	Targeting the Tick/Pathogen Interface for Developing New Anaplasmosis Vaccine Strategies. Veterinary Research Communications, 2007, 31, 91-96.	0.6	7
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