

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

6613

79
h-index

10445

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, . | 2.1 | 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. | 2.7 | 7 |
| 3 | A Quantum Vaccinomics Approach Based on Proteinâ€“Protein Interactions. <i>Methods in Molecular Biology</i> , 2022, 2411, 287-305. | 0.9 | 8 |
| 4 | Exploring the Ecological Implications of Microbiota Diversity in Birds: Natural Barriers Against Avian Malaria. <i>Frontiers in Immunology</i> , 2022, 13, 807682. | 4.8 | 6 |
| 5 | Additional considerations for anti-tick vaccine research. <i>Expert Review of Vaccines</i> , 2022, 21, 1019-1021. | 4.4 | 9 |
| 6 | Functional characterization of Î±-Gal producing lactic acid bacteria with potential probiotic properties. <i>Scientific Reports</i> , 2022, 12, 7484. | 3.3 | 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, . | 4.8 | 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. | 3.8 | 9 |
| 9 | Heat inactivated mycobacteria, alphaâ€“Gal and zebrafish: Insights gained from experiences with two promising trained immunity inductors and a validated animal model. <i>Immunology</i> , 2022, 167, 139-153. | 4.4 | 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. | 5.0 | 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. | 3.0 | 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. | 2.7 | 7 |
| 13 | Immunity to glycan Î±-Gal and possibilities for the control of COVID-19. <i>Immunotherapy</i> , 2021, 13, 185-188. | 2.0 | 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. | 3.0 | 38 |
| 15 | SARS-CoV-2 in animals: potential for unknown reservoir hosts and public health implications. <i>Veterinary Quarterly</i> , 2021, 41, 181-201. | 6.7 | 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. | 2.8 | 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. | 4.4 | 5 |
| 18 | Comparative analysis of <i>Rhipicephalus</i> tick salivary gland and cement elementome. <i>Heliyon</i> , 2021, 7, e06721. | 3.2 | 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. | 2.5 | 2 |
| 20 | Arthropod Ectoparasites Have Potential to Bind SARS-CoV-2 via ACE. <i>Viruses</i> , 2021, 13, 708. | 3.3 | 7 |
| 21 | Functional Food for the Stimulation of the Immune System Against Malaria. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1254-1266. | 3.9 | 9 |
| 22 | Assessing the risks of SARS-CoV-2 in wildlife. <i>One Health Outlook</i> , 2021, 3, 7. | 3.4 | 87 |
| 23 | Tick Importin- β Is Implicated in the Interactome and Regulome of the Cofactor Subolesin. <i>Pathogens</i> , 2021, 10, 457. | 2.8 | 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. | 3.0 | 8 |
| 25 | Tick- α -human interactions: from allergic klendensity to the β -Gal syndrome. <i>Biochemical Journal</i> , 2021, 478, 1783-1794. | 3.7 | 16 |
| 26 | Characterization of the anti- β -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. | 2.7 | 7 |
| 27 | Probiotic Bacteria with High Alpha-Gal Content Protect Zebrafish against Mycobacteriosis. <i>Pharmaceuticals</i> , 2021, 14, 635. | 3.8 | 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, . | 2.4 | 1 |
| 29 | Anti-Microbiota Vaccines Modulate the Tick Microbiome in a Taxon-Specific Manner. <i>Frontiers in Immunology</i> , 2021, 12, 704621. | 4.8 | 38 |
| 30 | The sound of host-SARS-CoV-2 molecular interactions. <i>Innovation(China)</i> , 2021, 2, 100126. | 9.1 | 1 |
| 31 | Characterization by Quantitative Serum Proteomics of Immune-Related Prognostic Biomarkers for COVID-19 Symptomatology. <i>Frontiers in Immunology</i> , 2021, 12, 730710. | 4.8 | 30 |
| 32 | Translational biotechnology for the control of ticks and tick-borne diseases. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101738. | 2.7 | 17 |
| 33 | Cattle ticks and tick-borne diseases: a review of Uganda's situation. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101756. | 2.7 | 43 |
| 34 | Vaccinomics: a future avenue for vaccine development against emerging pathogens. <i>Expert Review of Vaccines</i> , 2021, 20, 1561-1569. | 4.4 | 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. | 3.9 | 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. | 4.4 | 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. | 2.8 | 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. | 3.0 | 12 |
| 40 | Î±-Gal-Based Vaccines: Advances, Opportunities, and Perspectives. <i>Trends in Parasitology</i> , 2020, 36, 992-1001. | 3.3 | 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. | 3.1 | 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. | 4.1 | 11 |
| 43 | Anti-Tick Microbiota Vaccine Impacts <i>Ixodes ricinus</i> Performance during Feeding. <i>Vaccines</i> , 2020, 8, 702. | 4.4 | 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. | 3.8 | 8 |
| 45 | Coronavirus in cat flea: findings and questions regarding COVID-19. <i>Parasites and Vectors</i> , 2020, 13, 409. | 2.5 | 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. | 4.1 | 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. | 3.8 | 12 |
| 48 | The Adoption of Viral Capsid-Derived Virus-Like Particles (VLPs) for Disease Prevention and Treatments. <i>Vaccines</i> , 2020, 8, 432. | 4.4 | 12 |
| 49 | Targeting the Exoskeleton Elementome to Track Tick Geographic Origins. <i>Frontiers in Physiology</i> , 2020, 11, 572758. | 2.8 | 2 |
| 50 | Host or pathogen-related factors in COVID-19 severity?. <i>Lancet, The</i> , 2020, 396, 1396-1397. | 13.7 | 8 |
| 51 | Vaccination with Alpha-Gal Protects Against Mycobacterial Infection in the Zebrafish Model of Tuberculosis. <i>Vaccines</i> , 2020, 8, 195. | 4.4 | 25 |
| 52 | COVID-19 is likely to impact animal health. <i>Preventive Veterinary Medicine</i> , 2020, 180, 105030. | 1.9 | 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. | 4.4 | 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. | 4.4 | 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. | 4.4 | 7 |
| 56 | Modeling tick vaccines: a key tool to improve protection efficacy. Expert Review of Vaccines, 2020, 19, 217-225. | 4.4 | 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. | 3.9 | 21 |
| 58 | Experimental Ixodes ricinus-Sheep Cycle of Anaplasma phagocytophilum NV2Os Propagated in Tick Cell Cultures. Frontiers in Veterinary Science, 2020, 7, 40. | 2.2 | 15 |
| 59 | Quantification of the Animal Tuberculosis Multi-Host Community Offers Insights for Control. Pathogens, 2020, 9, 421. | 2.8 | 29 |
| 60 | A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. Vaccines, 2020, 8, 77. | 4.4 | 22 |
| 61 | Vaccination with Ectoparasite Proteins Involved in Midgut Function and Blood Digestion Reduces Salmon Louse Infestations. Vaccines, 2020, 8, 32. | 4.4 | 18 |
| 62 | Anaplasma pathogen infection alters chemical composition of the exoskeleton of hard ticks (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 4.1 | 10 |
| 63 | Tick and Host Derived Compounds Detected in the Cement Complex Substance. Biomolecules, 2020, 10, 555. | 4.0 | 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. | 4.4 | 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. | 3.9 | 6 |
| 66 | A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. F1000Research, 2020, 9, 1366. | 1.6 | 3 |
| 67 | A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. F1000Research, 2020, 9, 1366. | 1.6 | 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. | 2.7 | 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. | 2.8 | 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. | 2.7 | 12 |

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|----|---|-----|-----------|
| 73 | Evolutionary Insights into the Tick Hologenome. <i>Trends in Parasitology</i> , 2019, 35, 725-737. | 3.3 | 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. | 2.5 | 21 |
| 75 | Why New Vaccines for the Control of Ectoparasite Vectors Have Not Been Registered and Commercialized?. <i>Vaccines</i> , 2019, 7, 75. | 4.4 | 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. | 1.6 | 12 |
| 77 | Tuberculosis vaccination sequence effect on protection in wild boar. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 66, 101329. | 1.6 | 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. | 2.0 | 8 |
| 79 | The Good, the Bad and the Tick. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 79. | 3.7 | 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. | 4.4 | 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. | 3.3 | 17 |
| 82 | Tick Bites Induce Anti-Î±-Gal Antibodies in Dogs. <i>Vaccines</i> , 2019, 7, 114. | 4.4 | 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. | 1.9 | 2 |
| 84 | Tick-Pathogen Interactions: The Metabolic Perspective. <i>Trends in Parasitology</i> , 2019, 35, 316-328. | 3.3 | 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. | 2.8 | 10 |
| 86 | Environmental and Molecular Drivers of the Î±-Gal Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 1210. | 4.8 | 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. | 3.3 | 12 |
| 88 | Host Richness Increases Tuberculosis Disease Risk in Game-Managed Areas. <i>Microorganisms</i> , 2019, 7, 182. | 3.6 | 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. | 1.6 | 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. | 3.9 | 26 |

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|-----|---|-----|-----------|
| 91 | Transcriptome and Proteome Response of <i>Rhipicephalus annulatus</i> Tick Vector to <i>Babesia bigemina</i> Infection. <i>Frontiers in Physiology</i> , 2019, 10, 318. | 2.8 | 24 |
| 92 | The alpha-Gal syndrome: new insights into the tick-host conflict and cooperation. <i>Parasites and Vectors</i> , 2019, 12, 154. | 2.5 | 38 |
| 93 | A Vaccinology Approach to the Identification and Characterization of <i>Dermanyssus gallinae</i> Candidate Protective Antigens for the Control of Poultry Red Mite Infestations. <i>Vaccines</i> , 2019, 7, 190. | 4.4 | 17 |
| 94 | Species occurrence of ticks in South America, and interactions with biotic and abiotic traits. <i>Scientific Data</i> , 2019, 6, 299. | 5.3 | 4 |
| 95 | Characterization of the bacterial microbiota in wild-caught <i>Ixodes ventralis</i> . <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 336-343. | 2.7 | 19 |
| 96 | Identification and characterization of vaccine candidates against <i>Hyalomma anatolicum</i> Vector of Crimean-Congo haemorrhagic fever virus. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 422-434. | 3.0 | 20 |
| 97 | Guillain-Barré and Alpha-gal Syndromes: Saccharides-induced Immune Responses. <i>Exploratory Research and Hypothesis in Medicine</i> , 2019, 000, 000-000. | 0.4 | 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. | 1.6 | 18 |
| 99 | Controlling ticks and tick-borne diseases—looking forward. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1354-1357. | 2.7 | 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. | 1.9 | 43 |
| 101 | Draft Genome Sequences of <i>Anaplasma phagocytophilum</i> , <i>A. marginale</i> , and <i>A. ovis</i> 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. | 3.3 | 15 |
| 103 | The fossil record and the origin of ticks revisited. <i>Experimental and Applied Acarology</i> , 2018, 75, 255-261. | 1.6 | 14 |
| 104 | Tick- and fly-borne bacteria in ungulates: the prevalence of <i>Anaplasma phagocytophilum</i> , haemoplasmas and rickettsiae in water buffalo and deer species in Central Europe, Hungary. <i>BMC Veterinary Research</i> , 2018, 14, 98. | 1.9 | 46 |
| 105 | Antiplasmodial activity of tick defensins in a mouse model of malaria. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 844-849. | 2.7 | 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. | 2.7 | 18 |
| 107 | Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018, 9, 1612. | 2.8 | 49 |
| 108 | Common Strategies, Different Mechanisms to Infect the Host: <i>Anaplasma</i> and <i>Mycobacterium</i> . , 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. | 3.3 | 68 |
| 110 | Differential expression analysis for subolesin in Rhipicephalus microplus infected with Anaplasma marginale. Experimental and Applied Acarology, 2018, 76, 229-241. | 1.6 | 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. | 1.2 | 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. | 2.7 | 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. | 0.5 | 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. | 4.4 | 32 |
| 115 | Heat-inactivated Mycobacterium bovis protects zebrafish against mycobacteriosis. Journal of Fish Diseases, 2018, 41, 1515-1528. | 1.9 | 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. | 2.0 | 18 |
| 117 | Interactomics and tick vaccine development: new directions for the control of tick-borne diseases. Expert Review of Proteomics, 2018, 15, 627-635. | 3.0 | 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. | 3.9 | 30 |
| 119 | Editorial: Tick-Host-Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2018, 8, 194. | 3.9 | 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. | 2.5 | 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. | 3.9 | 30 |
| 122 | Control of mycobacteriosis in zebrafish (Danio rerio) mucosally vaccinated with heat-inactivated Mycobacterium bovis. Vaccine, 2018, 36, 4447-4453. | 3.8 | 26 |
| 123 | Applying proteomics to tick vaccine development: where are we?. Expert Review of Proteomics, 2017, 14, 211-221. | 3.0 | 28 |
| 124 | Control of infestations by Ixodes ricinus tick larvae in rabbits vaccinated with aquaporin recombinant antigens. Vaccine, 2017, 35, 1323-1328. | 3.8 | 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. | 2.5 | 35 |
| 126 | Infection-derived lipids elicit an immune deficiency circuit in arthropods. Nature Communications, 2017, 8, 14401. | 12.8 | 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. | 2.7 | 26 |
| 128 | Human to human transmission of arthropod-borne pathogens. Current Opinion in Virology, 2017, 22, 13-21. | 5.4 | 22 |
| 129 | Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. Trends in Parasitology, 2017, 33, 495-498. | 3.3 | 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. | 7.7 | 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. | 1.5 | 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. | 1.9 | 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. | 3.8 | 25 |
| 134 | Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. Heliyon, 2017, 3, e00353. | 3.2 | 10 |
| 135 | Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. Vaccine, 2017, 35, 5089-5094. | 3.8 | 74 |
| 136 | Solute carriers affect Anopheles stephensi survival and Plasmodium berghei infection in the salivary glands. Scientific Reports, 2017, 7, 6141. | 3.3 | 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. | 5.7 | 16 |
| 138 | Immunity to Î±-Gal: Toward a Single-Antigen Pan-Vaccine To Control Major Infectious Diseases. ACS Central Science, 2017, 3, 1140-1142. | 11.3 | 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. | 0.5 | 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. | 1.9 | 5 |
| 142 | Anaplasma phagocytophilum Infection Subverts Carbohydrate Metabolic Pathways in the Tick Vector, Ixodes scapularis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 23. | 3.9 | 66 |
| 143 | Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. Frontiers in Cellular and Infection Microbiology, 2017, 7, 74. | 3.9 | 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. | 3.9 | 321 |

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