Alejandro Cabezas-Cruz

List of Publications by Year
in descending order

170 papers	4,563 citations	136950 32 h-index	168389 53 g-index
173 all docs	173 docs citations	173 times ranked	5462 citing authors

#	Article	IF	Citations
1	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
2	Bovine ticks harbour a diverse array of microorganisms in Pakistan. Parasites and Vectors, 2020, 13, 1.	2.5	141
3	Systems Biology of Tissue-Specific Response to Anaplasma phagocytophilum Reveals Differentiated Apoptosis in the Tick Vector Ixodes scapularis. PLoS Genetics, 2015, 11, e1005120.	3.5	139
4	Tickâ€“Hostâ€“Pathogen Interactions: Conflict and Cooperation. PLoS Pathogens, 2016, 12, e1005488.	4.7	96
5	Anaplasma phagocytophilum Uses Common Strategies for Infection of Ticks and Vertebrate Hosts. Trends in Microbiology, 2016, 24, 173-180.	7.7	88
6	Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. Scientific Reports, 2015, 5, 10361.	3.3	81
7	Ehrlichia minasensis sp. nov., isolated from the tick Rhipicephalus microplus. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1426-1430.	1.7	81
8	Environmental and Molecular Drivers of the Î±-Gal Syndrome. Frontiers in Immunology, 2019, 10, 1210.	4.8	80
9	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
10	Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. Vaccine, 2017, 35, 5089-5094.	3.8	74
11	Anaplasma phagocytophilumincreases the levels of histone modifying enzymes to inhibit cell apoptosis and facilitate pathogen infection in the tick vectorIxodes scapularis. Epigenetics, 2016, 11, 303-319.	2.7	73
12	Novel Immunomodulators from Hard Ticks Selectively Reprogramme Human Dendritic Cell Responses. PLoS Pathogens, 2013, 9, e1003450.	4.7	71
13	Are ticks venomous animals?. Frontiers in Zoology, 2014, 11, 47.	2.0	68
14	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
15	The genus Anaplasma: new challenges after reclassification. OIE Revue Scientifique Et Technique, 2015, 34, 577-586.	1.2	67
16	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
17	High Throughput Sequencing and Network Analysis Disentangle the Microbial Communities of Ticks and Hosts Within and Between Ecosystems. Frontiers in Cellular and Infection Microbiology, 2018, 8, 236.	3.9	62
18	Ticks and Tick-Borne Pathogens of the Caribbean: Current Understanding and Future Directions for More Comprehensive Surveillance. Frontiers in Cellular and Infection Microbiology, 2017, 7, 490.	3.9	58

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19	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. Oncotarget, 2017, 8, 20630-20644.	1.8	54
20	Anti-Tick Microbiota Vaccine Impacts Ixodes ricinus Performance during Feeding. Vaccines, 2020, 8, 702.	4.4	53
21	Flying ticks: anciently evolved associations that constitute a risk of infectious disease spread. Parasites and Vectors, 2015, 8, 538.	2.5	52
22	Molecular identification and characterization of Anaplasma platys and Ehrlichia canis in dogs in Mexico. Ticks and Tick-borne Diseases, 2016, 7, 276-283.	2.7	49
23	Functional Evolution of Subolesin/Akirin. Frontiers in Physiology, 2018, 9, 1612.	2.8	49
24	Epidemiology and genetic diversity of Anaplasma ovis in goats in Corsica, France. Parasites and Vectors, 2019, 12, 3.	2.5	48
25	Functional and Immunological Relevance of Anaplasma marginale Major Surface Protein 1a Sequence and Structural Analysis. PLoS ONE, 2013, 8, e65243.	2.5	46
26	Nested coevolutionary networks shape the ecological relationships of ticks, hosts, and the Lyme disease bacteria of the Borrelia burgdorferi (s.l.) complex. Parasites and Vectors, 2016, 9, 517.	2.5	44
27	Anaplasma phagocytophilum MSP4 and HSP70 Proteins Are Involved in Interactions with Host Cells during Pathogen Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 307.	3.9	44
28	Infection of Ixodes spp. tick cells with different Anaplasma phagocytophilum isolates induces the inhibition of apoptotic cell death. Ticks and Tick-borne Diseases, 2015, 6, 758-767.	2.7	43
29	Evolutionary Insights into the Tick Hologenome. Trends in Parasitology, 2019, 35, 725-737.	3.3	43
30	Current debates and advances in tick microbiome research. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100036.	1.9	43
31	Detection and phylogenetic characterization of Theileria spp. and Anaplasma marginale in Rhipicephalus bursa in Portugal. Ticks and Tick-borne Diseases, 2016, 7, 443-448.	2.7	39
32	The alpha-Gal syndrome: new insights into the tick-host conflict and cooperation. Parasites and Vectors, 2019, 12, 154.	2.5	38
33	Anti-Microbiota Vaccines Modulate the Tick Microbiome in a Taxon-Specific Manner. Frontiers in Immunology, 2021, 12, 704621.	4.8	38
34	Epigenetic control of gene function in schistosomes: a source of therapeutic targets?. Frontiers in Genetics, 2014, 5, 317.	2.3	34
35	Epidemiology and evolution of the genetic variability of Anaplasma marginale in South Africa. Ticks and Tick-borne Diseases, 2014, 5, 624-631.	2.7	34
36	Regulation of the Immune Response to Î±-Gal and Vector-borne Diseases. Trends in Parasitology, 2015, 31, 470-476.	3.3	34

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37	Sex-Specific Linkages Between Taxonomic and Functional Profiles of Tick Gut Microbiomes. Frontiers in Cellular and Infection Microbiology, 2019, 9, 298.	3.9	34
38	Tribolium castaneum defensins are primarily active against Gram-positive bacteria. Journal of Invertebrate Pathology, 2015, 132, 208-215.	3.2	33
39	The intracellular bacterium Anaplasma phagocytophilum selectively manipulates the levels of vertebrate host proteins in the tick vector Ixodes scapularis. Parasites and Vectors, 2016, 9, 467.	2.5	33
40	Detection of genetic diversity of Anaplasma marginale isolates in Minas Gerais, Brazil. Brazilian Journal of Veterinary Parasitology, 2013, 22, 129-135.	0.7	32
41	Ixodes ricinus defensins attack distantly-related pathogens. Developmental and Comparative Immunology, 2015, 53, 358-365.	2.3	32
42	Tick and Host Derived Compounds Detected in the Cement Complex Substance. Biomolecules, 2020, 10, 555.	4.0	32
43	Understanding the evolutionary structural variability and target specificity of tick salivary Kunitz peptides using next generation transcriptome data. BMC Evolutionary Biology, 2014, 14, 4.	3.2	31
44	Identification and Characterization of Anaplasma phagocytophilum Proteins Involved in Infection of the Tick Vector, Ixodes scapularis. PLoS ONE, 2015, 10, e0137237.	2.5	31
45	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
46	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
47	Substrate prediction of Ixodes ricinus salivary lipocalins differentially expressed during Borrelia afzelii infection. Scientific Reports, 2016, 6, 32372.	3.3	29
48	Defensins from the tick Ixodes scapularis are effective against phytopathogenic fungi and the human bacterial pathogen Listeria grayi. Parasites and Vectors, 2014, 7, 554.	2.5	28
49	Ixodes scapularis Tick Cells Control Anaplasma phagocytophilum Infection by Increasing the Synthesis of Phosphoenolpyruvate from Tyrosine. Frontiers in Cellular and Infection Microbiology, 2017, 7, 375.	3.9	28
50	Resistance of Tick Gut Microbiome to Anti-Tick Vaccines, Pathogen Infection and Antimicrobial Peptides. Pathogens, 2020, 9, 309.	2.8	28
51	Comparative Genomics of Field Isolates of Mycobacterium bovis and M. caprae Provides Evidence for Possible Correlates with Bacterial Viability and Virulence. PLoS Neglected Tropical Diseases, 2015, 9, e0004232.	3.0	28
52	The glycoprotein TRP36 of Ehrlichia sp. UFMG-EV and related cattle pathogen Ehrlichia sp. UFMT-BV evolved from a highly variable clade of E. canis under adaptive diversifying selection. Parasites and Vectors, 2014, 7, 584.	2.5	27
53	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. Trends in Parasitology, 2017, 33, 495-498.	3.3	27
54	Tickâ€“Pathogen Interactions: The Metabolic Perspective. Trends in Parasitology, 2019, 35, 316-328.	3.3	26

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55	Gut Microbiota Abrogates Anti-Î±-Gal IgA Response in Lungs and Protects against Experimental Aspergillus Infection in Poultry. Vaccines, 2020, 8, 285.	4.4	26
56	In vitro culture and structural differences in the major immunoreactive protein gp36 of geographically distant Ehrlichia canis isolates. Ticks and Tick-borne Diseases, 2014, 5, 423-431.	2.7	25
57	The antibody response to the glycan Î±â€Gal correlates with COVIDâ€19 disease symptoms. Journal of Medical Virology, 2021, 93, 2065-2075.	5.0	25
58	Î±-Gal-Based Vaccines: Advances, Opportunities, and Perspectives. Trends in Parasitology, 2020, 36, 992-1001.	3.3	25
59	Behind Taxonomic Variability: The Functional Redundancy in the Tick Microbiome. Microorganisms, 2020, 8, 1829.	3.6	25
60	Vaccination with Alpha-Gal Protects Against Mycobacterial Infection in the Zebrafish Model of Tuberculosis. Vaccines, 2020, 8, 195.	4.4	25
61	Humans infested with Ixodes ricinus are exposed to a diverse array of tick-borne pathogens in Serbia. Ticks and Tick-borne Diseases, 2021, 12, 101609.	2.7	25
62	Isolation and Characterization of a Novel Pathogenic Strain of Ehrlichia minasensis. Microorganisms, 2019, 7, 528.	3.6	24
63	Identification and partial characterisation of new members of the Ixodes ricinus defensin family. Gene, 2014, 540, 146-152.	2.2	23
64	Anaplasma phagocytophilum Manipulates Host Cell Apoptosis by Different Mechanisms to Establish Infection. Veterinary Sciences, 2016, 3, 15.	1.7	23
65	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or Anaplasma phagocytophilum Rickettsial Infection. PLoS ONE, 2015, 10, e0133038.	2.5	23
66	Anaplasma marginale major surface protein 1a: A marker of strain diversity with implications for control of bovine anaplasmosis. Ticks and Tick-borne Diseases, 2015, 6, 205-210.	2.7	22
67	Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. Frontiers in Cellular and Infection Microbiology, 2017, 7, 74.	3.9	22
68	Alpha-gal syndrome: challenges to understanding sensitization and clinical reactions to alpha-gal. Expert Review of Molecular Diagnostics, 2020, 20, 905-911.	3.1	22
69	A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. Vaccines, 2020, 8, 77.	4.4	22
70	Vector microbiota manipulation by host antibodies: the forgotten strategy to develop transmission-blocking vaccines. Parasites and Vectors, 2022, 15, 4.	2.5	22
71	The Î±-Gal Syndrome and Potential Mechanisms. Frontiers in Allergy, 2021, 2, 783279.	2.8	22
72	In vitroCulture of a Novel Genotype ofEhrlichiasp. from Brazil. Transboundary and Emerging Diseases, 2013, 60, 86-92.	3.0	21

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73	First molecular evidence of Babesia caballi and Theileria equi infections in horses in Cuba. Parasitology Research, 2018, 117, 3109-3118.	1.6	21
74	Detection of Rickettsia spp. in Rhipicephalus sanguineus (sensu lato) collected from free-roaming dogs in Coahuila state, northern Mexico. Parasites and Vectors, 2019, 12, 130.	2.5	21
75	An Assessment of the Molecular Diversity of Ticks and Tick-Borne Microorganisms of Small Ruminants in Pakistan. Microorganisms, 2020, 8, 1428.	3.6	21
76	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
77	Ultrastructure of Ehrlichia mineirensis, a new member of the Ehrlichia genus. Veterinary Microbiology, 2013, 167, 455-458.	1.9	20
78	Tick-borne pathogen detection: what's new?. Microbes and Infection, 2018, 20, 441-444.	1.9	20
79	High co-infection rates of Babesia bovis, Babesia bigemina, and Anaplasma marginale in water buffalo in Western Cuba. Parasitology Research, 2019, 118, 955-967.	1.6	20
80	Low genetic diversity of Ehrlichia canis associated with high co-infection rates in Rhipicephalus sanguineus (s.l.). Parasites and Vectors, 2019, 12, 12.	2.5	20
81	Low genetic diversity associated with low prevalence of Anaplasma marginale in water buffaloes in MarajÃ³ Island, Brazil. Ticks and Tick-borne Diseases, 2014, 5, 801-804.	2.7	19
82	Schistosome sirtuins as drug targets. Future Medicinal Chemistry, 2015, 7, 765-782.	2.3	19
83	Anti-tick microbiota vaccines: how can this actually work?. Biologia (Poland), 2022, 77, 1555-1562.	1.5	19
84	A One Health approach to study the circulation of tick-borne pathogens: A preliminary study. One Health, 2021, 13, 100270.	3.4	19
85	Ticks and Tick-Borne Diseases in Central America and the Caribbean: A One Health Perspective. Pathogens, 2021, 10, 1273.	2.8	19
86	Identification of Plasmodium falciparum Translation Initiation eIF2Î² Subunit: Direct Interaction with Protein Phosphatase Type 1. Frontiers in Microbiology, 2016, 7, 777.	3.5	18
87	Control of vector-borne infectious diseases by human immunity against Î±-Gal. Expert Review of Vaccines, 2016, 15, 953-955.	4.4	18
88	Reservoir and vector evolutionary pressures shaped the adaptation of Borrelia. Infection, Genetics and Evolution, 2018, 66, 308-318.	2.3	18
89	Identification and molecular characterization of spotted fever group rickettsiae in ticks collected from farm ruminants in Lebanon. Ticks and Tick-borne Diseases, 2018, 9, 104-108.	2.7	18
90	The Drosophila melanogaster antimicrobial peptides Mtk-1 and Mtk-2 are active against the malarial parasite Plasmodium falciparum. Parasitology Research, 2019, 118, 1993-1998.	1.6	18

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91	The Symbiotic Continuum Within Ticks: Opportunities for Disease Control. Frontiers in Microbiology, 2022, 13, 854803.	3.5	18
92	Anti-Microbiota Vaccine Reduces Avian Malaria Infection Within Mosquito Vectors. Frontiers in Immunology, 2022, 13, 841835.	4.8	18
93	Cancer research meets tick vectors for infectious diseases. Lancet Infectious Diseases, The, 2014, 14, 916-917.	9.1	17
94	Gene expression changes in the salivary glands of Anopheles coluzzii elicited by Plasmodium berghei infection. Parasites and Vectors, 2015, 8, 485.	2.5	17
95	Antiplasmodial Activity Is an Ancient and Conserved Feature of Tick Defensins. Frontiers in Microbiology, 2016, 7, 1682.	3.5	17
96	Immunity to Î±-Gal: The Opportunity for Malaria and Tuberculosis Control. Frontiers in Immunology, 2017, 8, 1733.	4.8	17
97	The redox metabolic pathways function to limit Anaplasma phagocytophilum infection and multiplication while preserving fitness in tick vector cells. Scientific Reports, 2019, 9, 13236.	3.3	17
98	Cryptosporidium parvum Infection Depletes Butyrate Producer Bacteria in Goat Kid Microbiome. Frontiers in Microbiology, 2020, 11, 548737.	3.5	17
99	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
100	Infection of water buffalo in Rio de Janeiro Brazil with Anaplasma marginale strains also reported in cattle. Veterinary Parasitology, 2014, 205, 730-734.	1.8	16
101	Prevalence of type I sensitization to alphaâ€gal in forest service employees and hunters: Is the blood type an overlooked risk factor in epidemiological studies of the Î±â€Gal syndrome?. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 2044-2047.	5.7	16
102	Tick Bites Induce Anti-Î±-Gal Antibodies in Dogs. Vaccines, 2019, 7, 114.	4.4	16
103	Tickâ€“human interactions: from allergic klendusity to the Î±-Gal syndrome. Biochemical Journal, 2021, 478, 1783-1794.	3.7	16
104	Characterization of two strains of Anaplasma marginale isolated from cattle in Rio de Janeiro, Brazil, after propagation in tick cell culture. Ticks and Tick-borne Diseases, 2015, 6, 141-145.	2.7	15
105	Antiplasmodial activity of tick defensins in a mouse model of malaria. Ticks and Tick-borne Diseases, 2018, 9, 844-849.	2.7	15
106	Immunity to glycan Î±-Gal and possibilities for the control of COVID-19. Immunotherapy, 2021, 13, 185-188.	2.0	15
107	Handling the Microbial Complexity Associated to Ticks. , 0, , .		14
108	Ehrlichia minasensis, an old demon with a new name. Ticks and Tick-borne Diseases, 2019, 10, 828-829.	2.7	14

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109	Systematic Review of Ticks and Tick-Borne Pathogens of Small Ruminants in Pakistan. Pathogens, 2020, 9, 937.	2.8	14
110	Probiotic Bacteria with High Alpha-Gal Content Protect Zebrafish against Mycobacteriosis. Pharmaceuticals, 2021, 14, 635.	3.8	14
111	Clinical Aspects and Detection of Emerging Rickettsial Pathogens: A â€œOne Healthâ€•Approach Study in Serbia, 2020. Frontiers in Microbiology, 2021, 12, 797399.	3.5	13
112	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
113	Clinical gamasoidosis and antibody response in two patients infested with Ornithonyssus bursa (Acari: Gamasida: Macronyssidae). Experimental and Applied Acarology, 2019, 78, 555-564.	1.6	12
114	Anaplasma phagocytophilum modifies tick cell microRNA expression and upregulates isc-mir-79 to facilitate infection by targeting the Roundabout protein 2 pathway. Scientific Reports, 2019, 9, 9073.	3.3	12
115	Characterization of tick salivary gland and saliva alphagalactome reveals candidate alpha-gal syndrome disease biomarkers. Expert Review of Proteomics, 2021, 18, 1099-1116.	3.0	12
116	Complete Genome Sequence of Ehrlichia mineirensis, a Novel Organism Closely Related to Ehrlichia canis with a New Host Association. Genome Announcements, 2015, 3, .	0.8	11
117	Antibacterial and antifungal activity of defensins from the Australian paralysis tick, Ixodes holocyclus. Ticks and Tick-borne Diseases, 2019, 10, 101269.	2.7	11
118	Complete Genome Sequence of an Ehrlichia minasensis Strain Isolated from Cattle. Microbiology Resource Announcements, 2019, 8, .	0.6	11
119	Phyloproteomic and functional analyses do not support a split in the genus Borrelia (phylum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.2	11
120	Ticks and Tick-Borne Diseases in Cuba, Half a Century of Scientific Research. Pathogens, 2020, 9, 616.	2.8	11
121	Enlisting the Ixodes scapularis Embryonic ISE6 Cell Line to Investigate the Neuronal Basis of Tickâ€”Pathogen Interactions. Pathogens, 2021, 10, 70.	2.8	11
122	Tick-Borne Encephalitis Virus Seropositivity among Tick Infested Individuals in Serbia. Pathogens, 2021, 10, 301.	2.8	11
123	Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. Heliyon, 2017, 3, e00353.	3.2	10
124	Functional Redundancy and Ecological Innovation Shape the Circulation of Tick-Transmitted Pathogens. Frontiers in Cellular and Infection Microbiology, 2017, 7, 234.	3.9	10
125	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
126	Modeling Modulation of the Tick Regulome in Response to Anaplasma phagocytophilum for the Identification of New Control Targets. Frontiers in Physiology, 2019, 10, 462.	2.8	10

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127	Towards the integrative analysis of tick microbiome. Ticks and Tick-borne Diseases, 2019, 10, 34-35.	2.7	10
128	Molecular and immunological characterization of three strains of Anaplasma marginale grown in cultured tick cells. Ticks and Tick-borne Diseases, 2015, 6, 522-529.	2.7	9
129	First report of spotted fever group Rickettsia in Cuba. Ticks and Tick-borne Diseases, 2016, 7, 1057-1058.	2.7	9
130	Molecular identification of spotted fever group Rickettsia in ticks collected from dogs and small ruminants in Greece. Experimental and Applied Acarology, 2019, 78, 421-430.	1.6	9
131	Functional Food for the Stimulation of the Immune System Against Malaria. Probiotics and Antimicrobial Proteins, 2021, 13, 1254-1266.	3.9	9
132	A Capsule-Based Model for Immature Hard Tick Stages Infestation on Laboratory Mice. Journal of Visualized Experiments, 2020, , .	0.3	9
133	COVID-19 in the Developing World: Is the Immune Response to Î±-Gal an Overlooked Factor Mitigating the Severity of Infection?. ACS Infectious Diseases, 2020, 6, 3104-3108.	3.8	8
134	First Evidence of Ehrlichia minasensis Infection in Horses from Brazil. Pathogens, 2021, 10, 265.	2.8	8
135	Tick defensin Î³-core reduces Fusarium graminearum growth and abrogates mycotoxins production with high efficiency. Scientific Reports, 2021, 11, 7962.	3.3	8
136	Citizen science initiative points at childhood BCG vaccination as a risk factor for COVIDâ€19. Transboundary and Emerging Diseases, 2021, 68, 3114-3119.	3.0	8
137	Guillain-BarrÃ© and Alpha-gal Syndromes: Saccharides-induced Immune Responses. Exploratory Research and Hypothesis in Medicine, 2019, 000, 000-000.	0.4	8
138	Functional characterization of Î±-Gal producing lactic acid bacteria with potential probiotic properties. Scientific Reports, 2022, 12, 7484.	3.3	8
139	A comparison of the performance of regression models of Amblyomma americanum (L.) (Ixodidae) using life cycle or landscape data from administrative divisions. Ticks and Tick-borne Diseases, 2016, 7, 624-630.	2.7	7
140	Remodeling of tick cytoskeleton in response to infection with i Anaplasma phagocytophilum i. Frontiers in Bioscience - Landmark, 2017, 22, 1830-1844.	3.0	7
141	mRNA export in the apicomplexan parasite Toxoplasma gondii: emerging divergent components of a crucial pathway. Parasites and Vectors, 2018, 11, 62.	2.5	7
142	Characterization of the anti-Î±-Gal antibody profile in association with Guillain-BarrÃ© syndrome, implications for tick-related allergic reactions. Ticks and Tick-borne Diseases, 2021, 12, 101651.	2.7	7
143	Fatal cases of bovine anaplasmosis in a herd infected with different Anaplasma marginale genotypes in southern Spain. Ticks and Tick-borne Diseases, 2022, 13, 101864.	2.7	7
144	Thermostable Keystone Bacteria Maintain the Functional Diversity of the Ixodes scapularis Microbiome Under Heat Stress. Microbial Ecology, 2022, 84, 1224-1235.	2.8	7

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145	Use of Defensins to Develop Eco-Friendly Alternatives to Synthetic Fungicides to Control Phytopathogenic Fungi and Their Mycotoxins. Journal of Fungi (Basel, Switzerland), 2022, 8, 229.	3.5	7
146	Unexpected TBEV Seropositivity in Serbian Patients Who Recovered from Viral Meningitis and Encephalitis. Pathogens, 2022, 11, 371.	2.8	7
147	Demographic and Clinical Factors Associated with Reactivity of Anti-SARS-CoV-2 Antibodies in Serbian Convalescent Plasma Donors. International Journal of Environmental Research and Public Health, 2022, 19, 42.	2.6	7
148	Fast evolutionary rates associated with functional loss in class I glucose transporters of Schistosoma mansoni. BMC Genomics, 2015, 16, 980.	2.8	6
149	Efficient Transovarial Transmission of Babesia Spp. in Rhipicephalus microplus Ticks Fed on Water Buffalo (Bubalus bubalis). Pathogens, 2020, 9, 280.	2.8	6
150	Serological evidence of Ehrlichia minasensis infection in Brazilian dogs. Acta Tropica, 2021, 219, 105931.	2.0	6
151	Ecological and evolutionary perspectives on tick-borne pathogen co-infections. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100049.	1.9	6
152	Exploring the Ecological Implications of Microbiota Diversity in Birds: Natural Barriers Against Avian Malaria. Frontiers in Immunology, 2022, 13, 807682.	4.8	6
153	Development and application of a multiplex TaqManÂ® real-time qPCR assay for the simultaneous detection of Anaplasma marginale and Theileria annulata and molecular characterization of Anaplasma marginale from cattle in Western Cuba.. Ticks and Tick-borne Diseases, 2020, 11, 101356.	2.7	5
154	Tick Importin-Î± Is Implicated in the Interactome and Regulome of the Cofactor Subolesin. Pathogens, 2021, 10, 457.	2.8	5
155	Hexapod Assassinsâ€™ Potion: Venom Composition and Bioactivity from the Eurasian Assassin Bug Rhynocoris iracundus. Biomedicines, 2021, 9, 819.	3.2	5
156	Potent Activity of Hybrid Arthropod Antimicrobial Peptides Linked by Glycine Spacers. International Journal of Molecular Sciences, 2021, 22, 8919.	4.1	5
157	Assessment of the Safety and Efficacy of an Oral Probiotic-Based Vaccine Against Aspergillus Infection in Captive-Bred Humboldt Penguins (Spheniscus humboldti). Frontiers in Immunology, 2022, 13, .	4.8	5
158	Complete Genome Sequences of Field Isolates of Mycobacterium bovis and Mycobacterium caprae. Genome Announcements, 2015, 3, .	0.8	4
159	Heat Shock Proteins in Vector-pathogen Interactions: The Anaplasma phagocytophilum Model. Heat Shock Proteins, 2017, , 375-398.	0.2	4
160	The Good, the Bad and the Tick. Frontiers in Cell and Developmental Biology, 2019, 7, 79.	3.7	4
161	Epidemiology and genetic diversity of Anaplasma marginale in Zamora-Chinchipe, Ecuador. Ticks and Tick-borne Diseases, 2020, 11, 101380.	2.7	4
162	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

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163	Histone Methyltransferase DOT1L Is Involved in Larval Molting and Second Stage Nymphal Feeding in Ornithodoros moubata. Vaccines, 2020, 8, 157.	4.4	3
164	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
165	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
166	Editorial: Biological Drivers of Vectorâ€“Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2020, 10, 609495.	3.9	2
167	Murine Mammary Carcinoma Induces Chronic Systemic Inflammation and Immunosuppression in BALB/c Mice. Journal of Breast Cancer, 0, 25, .	1.9	2
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170	Can the impact of climate change on the tick microbiome bring a new epidemiological landscape to tick-borne diseases?. , 2021, , 46-49.		1