

Jos de la Fuente

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

502
papers

21,983
citations

68
h-index

123
g-index

531
ext. papers

25,945
ext. citations

4.5
avg, IF

6.84
L-index

#	Paper	IF	Citations
502	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	3.6	0
501	A Quantum Vaccinomics Approach Based on Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2022 , 2411, 287-305	1.4	1
500	Exploring the Ecological Implications of Microbiota Diversity in Birds: Natural Barriers Against Avian Malaria.. <i>Frontiers in Immunology</i> , 2022 , 13, 807682	8.4	1
499	Functional characterization of β Gal producing lactic acid bacteria with potential probiotic properties.. <i>Scientific Reports</i> , 2022 , 12, 7484	4.9	0
498	Recent Advances on the Innate Immune Response to. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 754455	5.9	1
497	The antibody response to the glycan β Gal correlates with COVID-19 disease symptoms. <i>Journal of Medical Virology</i> , 2021 , 93, 2065-2075	19.7	14
496	Comparative analysis of tick salivary gland and cement elementome. <i>Heliyon</i> , 2021 , 7, e06721	3.6	2
495	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	4	0
494	Arthropod Ectoparasites Have Potential to Bind SARS-CoV-2 via ACE. <i>Viruses</i> , 2021 , 13,	6.2	2
493	Functional Food for the Stimulation of the Immune System Against Malaria. <i>Probiotics and Antimicrobial Proteins</i> , 2021 , 13, 1254-1266	5.5	6
492	Assessing the risks of SARS-CoV-2 in wildlife. <i>One Health Outlook</i> , 2021 , 3, 7	5	38
491	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	4.2	3
490	Tick-human interactions: from allergic klendusity to the β Gal syndrome. <i>Biochemical Journal</i> , 2021 , 478, 1783-1794	3.8	7
489	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	3.6	5
488	Probiotic Bacteria with High Alpha-Gal Content Protect Zebrafish against Mycobacteriosis. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
487	Detection of new Crimean-Congo haemorrhagic fever virus genotypes in ticks feeding on deer and wild boar, Spain. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 993-1000	4.2	14
486	Microbial community of <i>Hyalomma lusitanicum</i> is dominated by Francisella-like endosymbiont. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101624	3.6	4

485	Immunity to glycan α Gal and possibilities for the control of COVID-19. <i>Immunotherapy</i> , 2021 , 13, 185-188	3.8	8
484	Detection of environmental SARS-CoV-2 RNA in a high prevalence setting in Spain. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1487-1492	4.2	21
483	SARS-CoV-2 in animals: potential for unknown reservoir hosts and public health implications. <i>Veterinary Quarterly</i> , 2021 , 41, 181-201	8	46
482	Enlisting the Embryonic ISE6 Cell Line to Investigate the Neuronal Basis of Tick-Pathogen Interactions. <i>Pathogens</i> , 2021 , 10,	4.5	4
481	Anti-Microbiota Vaccines Modulate the Tick Microbiome in a Taxon-Specific Manner. <i>Frontiers in Immunology</i> , 2021 , 12, 704621	8.4	11
480	Characterization by Quantitative Serum Proteomics of Immune-Related Prognostic Biomarkers for COVID-19 Symptomatology. <i>Frontiers in Immunology</i> , 2021 , 12, 730710	8.4	4
479	Cattle ticks and tick-borne diseases: a review of Uganda's situation. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101756	3.6	8
478	Vaccinomics: a future avenue for vaccine development against emerging pathogens. <i>Expert Review of Vaccines</i> , 2021 , 1-9	5.2	3
477	The α Gal Syndrome and Potential Mechanisms.. <i>Frontiers in Allergy</i> , 2021 , 2, 783279	0	2
476	Characterization of tick salivary gland and saliva alpha-galactome reveals candidate alpha-gal syndrome disease biomarkers.. <i>Expert Review of Proteomics</i> , 2021 ,	4.2	2
475	Targeting the Exoskeleton Elementome to Track Tick Geographic Origins. <i>Frontiers in Physiology</i> , 2020 , 11, 572758	4.6	1
474	Host or pathogen-related factors in COVID-19 severity?. <i>Lancet, The</i> , 2020 , 396, 1396-1397	4.0	4
473	Vaccination with Alpha-Gal Protects Against Mycobacterial Infection in the Zebrafish Model of Tuberculosis. <i>Vaccines</i> , 2020 , 8,	5.3	15
472	COVID-19 is likely to impact animal health. <i>Preventive Veterinary Medicine</i> , 2020 , 180, 105030	3.1	36
471	Gut Microbiota Abrogates Anti- α Gal IgA Response in Lungs and Protects against Experimental Infection in Poultry. <i>Vaccines</i> , 2020 , 8,	5.3	14
470	Vaccination with Recombinant Subolesin Antigens Provides Cross-Tick Species Protection in and Crossbred Cattle in Uganda. <i>Vaccines</i> , 2020 , 8,	5.3	11
469	Quantitative Proteomics Identifies Metabolic Pathways Affected by Infection and Blood Feeding in the Sialoproteome of the Vector. <i>Vaccines</i> , 2020 , 8,	5.3	6
468	Modeling tick vaccines: a key tool to improve protection efficacy. <i>Expert Review of Vaccines</i> , 2020 , 19, 217-225	5.2	5

467	Allergic Reactions and Immunity in Response to Tick Salivary Biogenic Substances and Red Meat Consumption in the Zebrafish Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 78	5.9	13
466	Experimental -Sheep Cycle of NV2Os Propagated in Tick Cell Cultures. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 40	3.1	9
465	Challenges for the Control of Poultry Red Mite (<i>Dermanyssus gallinae</i>) 2020 ,		1
464	Quantification of the Animal Tuberculosis Multi-Host Community Offers Insights for Control. <i>Pathogens</i> , 2020 , 9,	4.5	15
463	A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. <i>Vaccines</i> , 2020 , 8,	5.3	9
462	Vaccination with Ectoparasite Proteins Involved in Midgut Function and Blood Digestion Reduces Salmon Louse Infestations. <i>Vaccines</i> , 2020 , 8,	5.3	6
461	pathogen infection alters chemical composition of the exoskeleton of hard ticks (Acari: Ixodidae). <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 253-257	6.8	5
460	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. <i>F1000Research</i> , 2020 , 9, 1366	3.6	4
459	Visual communication and learning from COVID-19 to advance preparedness for pandemics. <i>Exploration of Medicine</i> , 2020 , 1, 244-247	1.1	0
458	Changes in Serum Biomarkers of Oxidative Stress in Cattle Vaccinated with Tick Recombinant Antigens: A Pilot Study. <i>Vaccines</i> , 2020 , 9,	5.3	3
457	αGal-Based Vaccines: Advances, Opportunities, and Perspectives. <i>Trends in Parasitology</i> , 2020 , 36, 992-1004	10.1	13
456	Alpha-gal syndrome: challenges to understanding sensitization and clinical reactions to alpha-gal. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 905-911	3.8	11
455	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,	6.3	5
454	Anti-Tick Microbiota Vaccine Impacts Performance during Feeding. <i>Vaccines</i> , 2020 , 8,	5.3	21
453	COVID-19 in the Developing World: Is the Immune Response to αGal an Overlooked Factor Mitigating the Severity of Infection?. <i>ACS Infectious Diseases</i> , 2020 , 6, 3104-3108	5.5	7
452	Coronavirus in cat flea: findings and questions regarding COVID-19. <i>Parasites and Vectors</i> , 2020 , 13, 409	4	11
451	Innate Immune Response to Tick-Borne Pathogens: Cellular and Molecular Mechanisms Induced in the Hosts. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
450	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	4.1	6

449	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. <i>F1000Research</i> , 2020 , 9, 1366	3.6	2
448	Tick and Host Derived Compounds Detected in the Cement Complex Substance. <i>Biomolecules</i> , 2020 , 10,	5.9	22
447	Infection with Inhibits the Production of IgE Antibodies to α Gal in Humans: Towards a Conceptual Framework of the Hygiene Hypothesis?. <i>Vaccines</i> , 2020 , 8,	5.3	14
446	Comparative Proteomic Analysis of sensu lato (Acari: Ixodidae) Tropical and Temperate Lineages: Uncovering Differences During Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 611115	5.9	3
445	Reduction in Oviposition of Poultry Red Mite () in Hens Vaccinated with Recombinant Akirin. <i>Vaccines</i> , 2019 , 7,	5.3	9
444	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	4.9	6
443	Tick Bites Induce Anti- α Gal Antibodies in Dogs. <i>Vaccines</i> , 2019 , 7,	5.3	14
442	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	2.6	2
441	Tick-Pathogen Interactions: The Metabolic Perspective. <i>Trends in Parasitology</i> , 2019 , 35, 316-328	6.4	15
440	Modeling Modulation of the Tick Regulome in Response to for the Identification of New Control Targets. <i>Frontiers in Physiology</i> , 2019 , 10, 462	4.6	5
439	Environmental and Molecular Drivers of the α Gal Syndrome. <i>Frontiers in Immunology</i> , 2019 , 10, 1210	8.4	50
438	<i>Anaplasma phagocytophilum</i> modifies tick cell microRNA expression and upregulates <i>isc-mir-79</i> to facilitate infection by targeting the Roundabout protein 2 pathway. <i>Scientific Reports</i> , 2019 , 9, 9073	4.9	6
437	Host Richness Increases Tuberculosis Disease Risk in Game-Managed Areas. <i>Microorganisms</i> , 2019 , 7,	4.9	9
436	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	2.1	3
435	Oral Vaccination With a Formulation Combining Subolesin With Heat Inactivated Reduces Tick Infestations in Cattle. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 45	5.9	11
434	Transcriptome and Proteome Response of Tick Vector to Infection. <i>Frontiers in Physiology</i> , 2019 , 10, 3184.6	4.6	17
433	The alpha-Gal syndrome: new insights into the tick-host conflict and cooperation. <i>Parasites and Vectors</i> , 2019 , 12, 154	4	30
432	Meeting the challenge of tick-borne disease control: A proposal for 1000 <i>Ixodes</i> genomes. <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 213-218	3.6	5

431	A Vaccinomics Approach for the Identification of Tick Protective Antigens for the Control of and Infestations in Companion Animals. <i>Frontiers in Physiology</i> , 2019 , 10, 977	4.6	14
430	Delayed hypersensitivity reaction to mammalian galactose- β 1,3-galactose (β Gal) after repeated tick bites in a patient from France. <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 1057-1059	3.6	10
429	Evolutionary Insights into the Tick Hologenome. <i>Trends in Parasitology</i> , 2019 , 35, 725-737	6.4	27
428	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	4	13
427	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	2.1	9
426	Tuberculosis vaccination sequence effect on protection in wild boar. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019 , 66, 101329	2.6	3
425	Metaproteomics characterization of the alphaproteobacteria microbiome in different developmental and feeding stages of the poultry red mite (De Geer, 1778). <i>Avian Pathology</i> , 2019 , 48, S52-S59	2.4	6
424	The Good, the Bad and the Tick. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 79	5.7	2
423	Guillain-Barré and Alpha-gal Syndromes: Saccharides-induced Immune Responses. <i>Exploratory Research and Hypothesis in Medicine</i> , 2019 , 000, 000-000	1	7
422	A vaccinology Approach to the Identification and Characterization of Candidate Protective Antigens for the Control of Poultry Red Mite Infestations. <i>Vaccines</i> , 2019 , 7,	5.3	9
421	Species occurrence of ticks in South America, and interactions with biotic and abiotic traits. <i>Scientific Data</i> , 2019 , 6, 299	8.2	2
420	Characterization of the bacterial microbiota in wild-caught <i>Ixodes ventralis</i> . <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 336-343	3.6	14
419	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	4.2	12
418	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	2.1	15
417	Controlling ticks and tick-borne diseases: Looking forward. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 1354-1357	3.7	45
416	Impact of piglet oral vaccination against tuberculosis in endemic free-ranging wild boar populations. <i>Preventive Veterinary Medicine</i> , 2018 , 155, 11-20	3.1	25
415	Draft Genome Sequences of , , and Isolates from Different Hosts. <i>Genome Announcements</i> , 2018 , 6,		3
414	Genome-wide associations identify novel candidate loci associated with genetic susceptibility to tuberculosis in wild boar. <i>Scientific Reports</i> , 2018 , 8, 1980	4.9	11

413	The fossil record and the origin of ticks revisited. <i>Experimental and Applied Acarology</i> , 2018 , 75, 255-261	2.1	11
412	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	2.7	22
411	Antiplasmodial activity of tick defensins in a mouse model of malaria. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 844-849	3.6	12
410	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	3.6	13
409	Heat-inactivated <i>Mycobacterium bovis</i> protects zebrafish against mycobacteriosis. <i>Journal of Fish Diseases</i> , 2018 , 41, 1515-1528	2.6	15
408	Biotic and abiotic factors shape the microbiota of wild-caught populations of the arbovirus vector <i>Culicoides imicola</i> . <i>Insect Molecular Biology</i> , 2018 , 27, 847-861	3.4	11
407	Interactomics and tick vaccine development: new directions for the control of tick-borne diseases. <i>Expert Review of Proteomics</i> , 2018 , 15, 627-635	4.2	11
406	Sialotranscriptomic Response to Blood Feeding and Infection: Identification of Candidate Protective Antigens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 116	5.9	16
405	A reverse vaccinology approach to the identification and characterization of <i>Ctenocephalides felis</i> candidate protective antigens for the control of cat flea infestations. <i>Parasites and Vectors</i> , 2018 , 11, 43	4	13
404	Use of Graph Theory to Characterize Human and Arthropod Vector Cell Protein Response to Infection With. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 265	5.9	16
403	Control of mycobacteriosis in zebrafish (<i>Danio rerio</i>) mucosally vaccinated with heat-inactivated <i>Mycobacterium bovis</i> . <i>Vaccine</i> , 2018 , 36, 4447-4453	4.1	13
402	Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018 , 9, 1612	4.6	25
401	Tick galactosyltransferases are involved in β Gal synthesis and play a role during <i>Anaplasma phagocytophilum</i> infection and <i>Ixodes scapularis</i> tick vector development. <i>Scientific Reports</i> , 2018 , 8, 14224	4.9	42
400	Differential expression analysis for subolesin in <i>Rhipicephalus microplus</i> infected with <i>Anaplasma marginale</i> . <i>Experimental and Applied Acarology</i> , 2018 , 76, 229-241	2.1	2
399	Comparative proteomics identified immune response proteins involved in response to vaccination with heat-inactivated <i>Mycobacterium bovis</i> and mycobacterial challenge in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2018 , 206, 54-64	2	5
398	Integrated metatranscriptomics and metaproteomics for the characterization of bacterial microbiota in unfed <i>Ixodes ricinus</i> . <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 1241-1251	3.6	26
397	Molecular evidence of the reservoir competence of water buffalo (<i>Bubalus bubalis</i>) for <i>Anaplasma marginale</i> in Cuba. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018 , 13, 180-187	1.2	6
396	High throughput discovery and characterization of tick and pathogen vaccine protective antigens using vaccinomics with intelligent Big Data analytic techniques. <i>Expert Review of Vaccines</i> , 2018 , 17, 569-576	5.3	15

395	Applying proteomics to tick vaccine development: where are we?. <i>Expert Review of Proteomics</i> , 2017 , 14, 211-221	4.2	15
394	Control of infestations by Ixodes ricinus tick larvae in rabbits vaccinated with aquaporin recombinant antigens. <i>Vaccine</i> , 2017 , 35, 1323-1328	4.1	27
393	Tick-borne pathogens induce differential expression of genes promoting cell survival and host resistance in Ixodes ricinus cells. <i>Parasites and Vectors</i> , 2017 , 10, 81	4	25
392	Infection-derived lipids elicit an immune deficiency circuit in arthropods. <i>Nature Communications</i> , 2017 , 8, 14401	17.4	50
391	A retrospective study of the characterization of Rickettsia species in ticks collected from humans. <i>Ticks and Tick-borne Diseases</i> , 2017 , 8, 610-614	3.6	18
390	Human to human transmission of arthropod-borne pathogens. <i>Current Opinion in Virology</i> , 2017 , 22, 13-21	5	12
389	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. <i>Trends in Parasitology</i> , 2017 , 33, 495-498	6.4	16
388	Effect of blood type on anti- α -Gal immunity and the incidence of infectious diseases. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e301	12.8	48
387	Guidelines for the Direct Detection of Anaplasma spp. in Diagnosis and Epidemiological Studies. <i>Vector-Borne and Zoonotic Diseases</i> , 2017 , 17, 12-22	2.4	44
386	Proteomic characterisation of bovine and avian purified protein derivatives and identification of specific antigens for serodiagnosis of bovine tuberculosis. <i>Clinical Proteomics</i> , 2017 , 14, 36	5	28
385	Remodeling of tick cytoskeleton in response to infection with. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 1830-1844	2.8	6
384	The response of red deer to oral administration of heat-inactivated Mycobacterium bovis and challenge with a field strain. <i>Veterinary Microbiology</i> , 2017 , 208, 195-202	3.3	19
383	Functional characterization of candidate antigens of Hyalomma anatolicum and evaluation of its cross-protective efficacy against Rhipicephalus microplus. <i>Vaccine</i> , 2017 , 35, 5682-5692	4.1	14
382	Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. <i>Heliyon</i> , 2017 , 3, e00353	3.6	9
381	Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. <i>Vaccine</i> , 2017 , 35, 5089-5094	4.1	42
380	Solute carriers affect Anopheles stephensi survival and Plasmodium berghei infection in the salivary glands. <i>Scientific Reports</i> , 2017 , 7, 6141	4.9	7
379	Prevalence of type I sensitization to alpha-gal in forest service employees and hunters: Is the blood type an overlooked risk factor in epidemiological studies of the α -Gal syndrome?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 2044-2047	9.3	11
378	Molecular survey of Rickettsial organisms in ectoparasites from a dog shelter in Northern Mexico. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2017 , 10, 143-148	1.2	2

377	Heat Shock Proteins in Vector-pathogen Interactions: The Anaplasma phagocytophilum Model. <i>Heat Shock Proteins</i> , 2017 , 375-398	0.2	2
376	Reduction of Mosquito Survival in Mice Vaccinated with Glucose Transporter. <i>BioMed Research International</i> , 2017 , 2017, 3428186	3	4
375	Infection Subverts Carbohydrate Metabolic Pathways in the Tick Vector,. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 23	5.9	36
374	Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 74	5.9	14
373	Tick-Pathogen Interactions and Vector Competence: Identification of Molecular Drivers for Tick-Borne Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 114	5.9	186
372	Comparative Proteomics Reveals Differences in Host-Pathogen Interaction between Infectious and Commensal Relationship with. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 145	5.9	11
371	Functional Redundancy and Ecological Innovation Shape the Circulation of Tick-Transmitted Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 234	5.9	8
370	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	5.9	17
369	Vaccinomics Approach to the Identification of Candidate Protective Antigens for the Control of Tick Vector Infestations and Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 360	5.9	21
368	Tick Cells Control Infection by Increasing the Synthesis of Phosphoenolpyruvate from Tyrosine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 375	5.9	15
367	Immunity to β Gal: The Opportunity for Malaria and Tuberculosis Control. <i>Frontiers in Immunology</i> , 2017 , 8, 1733	8.4	13
366	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. <i>Oncotarget</i> , 2017 , 8, 20630-20644	3.3	39
365	Species interactions in occurrence data for a community of tick-transmitted pathogens. <i>Scientific Data</i> , 2016 , 3, 160056	8.2	25
364	Tuberculosis, genetic diversity and fitness in the red deer, <i>Cervus elaphus</i> . <i>Infection, Genetics and Evolution</i> , 2016 , 43, 203-12	4.5	10
363	Oral administration of heat-inactivated Mycobacterium bovis reduces the response of farmed red deer to avian and bovine tuberculin. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 172, 21-5	2	16
362	Strategies for new and improved vaccines against ticks and tick-borne diseases. <i>Parasite Immunology</i> , 2016 , 38, 754-769	2.2	79
361	Evidence of co-infection with Mycobacterium bovis and tick-borne pathogens in a naturally infected sheep flock. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 384-9	3.6	3
360	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838

359	Molecular identification and characterization of <i>Anaplasma platys</i> and <i>Ehrlichia canis</i> in dogs in Mexico. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 276-83	3.6	32
358	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016 , 7, 10507	17.4	303
357	Expression of Early Growth Response Gene-2 and Regulated Cytokines Correlates with Recovery from Guillain-Barré Syndrome. <i>Journal of Immunology</i> , 2016 , 196, 1102-7	5.3	11
356	Complement component 3: a new paradigm in tuberculosis vaccine. <i>Expert Review of Vaccines</i> , 2016 , 15, 275-7	5.2	14
355	<i>Anaplasma phagocytophilum</i> Uses Common Strategies for Infection of Ticks and Vertebrate Hosts. <i>Trends in Microbiology</i> , 2016 , 24, 173-180	12.4	51
354	Molecular detection of vector-borne pathogens in wild and domestic carnivores and their ticks at the human-wildlife interface. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 284-90	3.6	64
353	Comparative Proteomics Identifies Host Immune System Proteins Affected by Infection with <i>Mycobacterium bovis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004541	4.8	9
352	Increased Lytic Efficiency of Bovine Macrophages Trained with Killed <i>Mycobacteria</i> . <i>PLoS ONE</i> , 2016 , 11, e0165607	3.7	16
351	sp. nov., isolated from the tick. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1426-1430	2.2	54
350	<i>Anaplasma phagocytophilum</i> Manipulates Host Cell Apoptosis by Different Mechanisms to Establish Infection. <i>Veterinary Sciences</i> , 2016 , 3,	2.4	12
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5	The antibody response to the glycan E ₁ g ₂ correlates with COVID-19 disease symptoms		2
4	COVID-19 in a Rural Community: Outbreak Dynamics, Contact Tracing and Environmental RNA		2
3	Assessing the Risks of SARS-CoV-2 in Wildlife		3
2	Anti-microbiota vaccines modulate the tick microbiome in a taxon-specific manner		1
1	Natural SARS-CoV-2 infection in kept ferrets, Spain		8