

Ricardo Villarreal

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

9,888
citations

66234

42
h-index

37111

96
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134
all docs

134
docs citations

134
times ranked

18124
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	5.8	450
3	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.	1.8	321
4	Properties of Average Score Distributions of SEQUEST. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1135-1145.	2.5	142
5	Systems Biology of Tissue-Specific Response to <i>Anaplasma phagocytophilum</i> Reveals Differentiated Apoptosis in the Tick Vector <i>Ixodes scapularis</i> . <i>PLoS Genetics</i> , 2015, 11, e1005120.	1.5	139
6	Integrated Metabolomics, Transcriptomics and Proteomics Identifies Metabolic Pathways Affected by <i>Anaplasma phagocytophilum</i> Infection in Tick Cells*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3154-3172.	2.5	135
7	Targeting arthropod subolesin/akirin for the development of a universal vaccine for control of vector infestations and pathogen transmission. <i>Veterinary Parasitology</i> , 2011, 181, 17-22.	0.7	116
8	Characterization of ferritin 2 for the control of tick infestations. <i>Vaccine</i> , 2010, 28, 2993-2998.	1.7	111
9	Identification and characterization of <i>Rhipicephalus (Boophilus) microplus</i> candidate protective antigens for the control of cattle tick infestations. <i>Parasitology Research</i> , 2010, 106, 471-479.	0.6	110
10	Infection-derived lipids elicit an immune deficiency circuit in arthropods. <i>Nature Communications</i> , 2017, 8, 14401.	5.8	103
11	Statistical Model for Large-Scale Peptide Identification in Databases from Tandem Mass Spectra Using SEQUEST. <i>Analytical Chemistry</i> , 2004, 76, 6853-6860.	3.2	101
12	<i>Anaplasma phagocytophilum</i> Inhibits Apoptosis and Promotes Cytoskeleton Rearrangement for Infection of Tick Cells. <i>Infection and Immunity</i> , 2013, 81, 2415-2425.	1.0	99
13	Tick-Host-Pathogen Interactions: Conflict and Cooperation. <i>PLoS Pathogens</i> , 2016, 12, e1005488.	2.1	96
14	First data on Eurasian wild boar response to oral immunization with BCG and challenge with a <i>Mycobacterium bovis</i> field strain. <i>Vaccine</i> , 2009, 27, 6662-6668.	1.7	77
15	Control of multiple arthropod vector infestations with subolesin/akirin vaccines. <i>Vaccine</i> , 2013, 31, 1187-1196.	1.7	77
16	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
17	Effect of blood type on anti-Î±-Gal immunity and the incidence of infectious diseases. <i>Experimental and Molecular Medicine</i> , 2017, 49, e301-e301.	3.2	75
18	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

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19	<i>Anaplasma phagocytophilum</i> increases the levels of histone modifying enzymes to inhibit cell apoptosis and facilitate pathogen infection in the tick vector <i>Ixodes scapularis</i> . <i>Epigenetics</i> , 2016, 11, 303-319.	1.3	73
20	A Systems Biology Approach to the Characterization of Stress Response in <i>Dermacentor reticulatus</i> Tick Unfed Larvae. <i>PLoS ONE</i> , 2014, 9, e89564.	1.1	72
21	<i>Ixodes scapularis</i> and <i>Ixodes ricinus</i> tick cell lines respond to infection with tick-borne encephalitis virus: transcriptomic and proteomic analysis. <i>Parasites and Vectors</i> , 2015, 8, 599.	1.0	71
22	High-sensitivity analysis of specific peptides in complex samples by selected MS/MS ion monitoring and linear ion trap mass spectrometry: Application to biological studies. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1391-1403.	0.7	68
23	Vaccination with BM86, subolesin and akirin protective antigens for the control of tick infestations in white tailed deer and red deer. <i>Vaccine</i> , 2012, 30, 273-279.	1.7	68
24	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.	1.6	68
25	<i>Anaplasma phagocytophilum</i> Infection Subverts Carbohydrate Metabolic Pathways in the Tick Vector, <i>Ixodes scapularis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 23.	1.8	66
26	Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. <i>Parasitology Research</i> , 2009, 105, 97-111.	0.6	62
27	Control of tick infestations in cattle vaccinated with bacterial membranes containing surface-exposed tick protective antigens. <i>Vaccine</i> , 2012, 30, 265-272.	1.7	62
28	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
29	c-Jun N-terminal Kinase (JNK) Positively Regulates NFATc2 Transactivation through Phosphorylation within the N-terminal Regulatory Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 20867-20878.	1.6	59
30	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</i> . <i>International Journal of Proteomics</i> , 2010, 1-11.	2.0	55
31	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. <i>Oncotarget</i> , 2017, 8, 20630-20644.	0.8	54
32	Subolesin expression in response to pathogen infection in ticks. <i>BMC Immunology</i> , 2010, 11, 7.	0.9	53
33	Differential gene expression of insulin receptor isoforms A and B and insulin receptor substrates 1, 2 and 3 in rat tissues: modulation by aging and differentiation in rat adipose tissue. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 153-161.	1.1	52
34	Oral Vaccination with Heat Inactivated <i>Mycobacterium bovis</i> Activates the Complement System to Protect against Tuberculosis. <i>PLoS ONE</i> , 2014, 9, e98048.	1.1	52
35	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.	1.1	49
36	Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018, 9, 1612.	1.3	49

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37	Proteomic and transcriptomic analyses of differential stress/inflammatory responses in mandibular lymph nodes and oropharyngeal tonsils of European wild boars naturally infected with <i>Mycobacterium bovis</i> . <i>Proteomics</i> , 2007, 7, 220-231.	1.3	48
38	Characterization of <i>Aedes albopictus</i> akirin for the control of mosquito and sand fly infestations. <i>Vaccine</i> , 2010, 29, 77-82.	1.7	46
39	Reciprocal Regulation of NF- κ B (Relish) and Subolesin in the Tick Vector, <i>Ixodes scapularis</i> . <i>PLoS ONE</i> , 2013, 8, e65915.	1.1	45
40	Mapping protective epitopes in the tick and mosquito subolesin ortholog proteins. <i>Vaccine</i> , 2010, 28, 5398-5406.	1.7	44
41	<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
42	Lesser protein degradation machinery correlates with higher BM86 tick vaccine efficacy in <i>Rhipicephalus annulatus</i> when compared to <i>Rhipicephalus microplus</i> . <i>Vaccine</i> , 2013, 31, 4728-4735.	1.7	42
43	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
44	The alpha-Gal syndrome: new insights into the tick-host conflict and cooperation. <i>Parasites and Vectors</i> , 2019, 12, 154.	1.0	38
45	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.	1.1	36
46	Kinetics of biodegradation of diesel fuel by enriched microbial consortia from polluted soils. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 749-758.	1.8	34
47	Regulation of the Immune Response to α -Gal and Vector-borne Diseases. <i>Trends in Parasitology</i> , 2015, 31, 470-476.	1.5	34
48	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
49	The intracellular bacterium <i>Anaplasma phagocytophilum</i> selectively manipulates the levels of vertebrate host proteins in the tick vector <i>Ixodes scapularis</i> . <i>Parasites and Vectors</i> , 2016, 9, 467.	1.0	33
50	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.	2.0	32
51	Tick and Host Derived Compounds Detected in the Cement Complex Substance. <i>Biomolecules</i> , 2020, 10, 555.	1.8	32
52	Identification and Characterization of <i>Anaplasma phagocytophilum</i> Proteins Involved in Infection of the Tick Vector, <i>Ixodes scapularis</i> . <i>PLoS ONE</i> , 2015, 10, e0137237.	1.1	31
53	Use of Graph Theory to Characterize Human and Arthropod Vector Cell Protein Response to Infection With <i>Anaplasma phagocytophilum</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 265.	1.8	30
54	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

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55	The effect of aging on insulin signalling pathway is tissue dependent: Central role of adipose tissue in the insulin resistance of aging. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 189-197.	2.2	29
56	Applying proteomics to tick vaccine development: where are we?. <i>Expert Review of Proteomics</i> , 2017, 14, 211-221.	1.3	28
57	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
58	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. <i>Trends in Parasitology</i> , 2017, 33, 495-498.	1.5	27
59	Activation of MAP kinase by insulin and vanadate in adipocytes from young and old rats. <i>Molecular and Cellular Endocrinology</i> , 2002, 189, 77-84.	1.6	25
60	Tissue-Specific Signatures in the Transcriptional Response to <i>Anaplasma phagocytophilum</i> Infection of <i>Ixodes scapularis</i> and <i>Ixodes ricinus</i> Tick Cell Lines. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 20.	1.8	25
61	The antibody response to the glycan α -Gal correlates with COVID-19 disease symptoms. <i>Journal of Medical Virology</i> , 2021, 93, 2065-2075.	2.5	25
62	Vaccination with Alpha-Gal Protects Against Mycobacterial Infection in the Zebrafish Model of Tuberculosis. <i>Vaccines</i> , 2020, 8, 195.	2.1	25
63	ObRa and ObRe Are Differentially Expressed in Adipose Tissue in Aged Food-Restricted Rats: Effects on Circulating Soluble Leptin Receptor Levels. <i>Endocrinology</i> , 2005, 146, 4934-4942.	1.4	24
64	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.	1.3	24
65	Vaccinomics Approach to Tick Vaccine Development. <i>Methods in Molecular Biology</i> , 2016, 1404, 275-286.	0.4	23
66	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or <i>Anaplasma phagocytophilum</i> Rickettsial Infection. <i>PLoS ONE</i> , 2015, 10, e0133038.	1.1	23
67	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.	1.0	22
68	A Vaccinomics Approach for the Identification of Tick Protective Antigens for the Control of <i>Ixodes ricinus</i> and <i>Dermacentor reticulatus</i> Infestations in Companion Animals. <i>Frontiers in Physiology</i> , 2019, 10, 977.	1.3	22
69	Freezing-Thawing Procedures Remodel the Proteome of Ram Sperm before and after In Vitro Capacitation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4596.	1.8	22
70	A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. <i>Vaccines</i> , 2020, 8, 77.	2.1	22
71	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
72	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.	1.8	21

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73	Extractive bioconversion to produce the Aedes albopictus akirin in an aqueous two-phase system supporting Pichia pastoris growth and protein secretion. Biochemical Engineering Journal, 2009, 46, 105-114.	1.8	20
74	Mosquito Akirin as a potential antigen for malaria control. Malaria Journal, 2014, 13, 470.	0.8	19
75	Prospects for vaccination against the ticks of pets and the potential impact on pathogen transmission. Veterinary Parasitology, 2015, 208, 26-29.	0.7	19
76	Biotic and abiotic factors shape the microbiota of wild-caught populations of the arbovirus vector <i>Culicoides imicola</i> . Insect Molecular Biology, 2018, 27, 847-861.	1.0	18
77	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
78	Vaccination with Ectoparasite Proteins Involved in Midgut Function and Blood Digestion Reduces Salmon Louse Infestations. Vaccines, 2020, 8, 32.	2.1	18
79	Cryopreservation of ram sperm alters the dynamic changes associated with <i>in vitro</i> capacitation. Theriogenology, 2020, 145, 100-108.	0.9	18
80	Proteomics Approach to the Study of Cattle Tick Adaptation to White Tailed Deer. BioMed Research International, 2013, 2013, 1-8.	0.9	17
81	Myosin 1b and F-actin are involved in the control of secretory granule biogenesis. Scientific Reports, 2017, 7, 5172.	1.6	17
82	The redox metabolic pathways function to limit Anaplasma phagocytophilum infection and multiplication while preserving fitness in tick vector cells. Scientific Reports, 2019, 9, 13236.	1.6	17
83	A Vaccinology Approach to the Identification and Characterization of Dermanyssus gallinae Candidate Protective Antigens for the Control of Poultry Red Mite Infestations. Vaccines, 2019, 7, 190.	2.1	17
84	Comparative proteomics for the characterization of the most relevant Amblyomma tick species as vectors of zoonotic pathogens worldwide. Journal of Proteomics, 2014, 105, 204-216.	1.2	16
85	Human amyloid- β^2 enriched extracts: evaluation of <i>in vitro</i> and <i>in vivo</i> internalization and molecular characterization. Alzheimer's Research and Therapy, 2019, 11, 56.	3.0	16
86	Tick Bites Induce Anti- β -Gal Antibodies in Dogs. Vaccines, 2019, 7, 114.	2.1	16
87	Systematic characterization of phosphorylation sites in NFATc2 by linear ion trap mass spectrometry. Proteomics, 2006, 6, S16-S27.	1.3	15
88	Bioprocess design and economics of recombinant BM86/BM95 antigen production for anti-tick vaccines. Biochemical Engineering Journal, 2010, 52, 79-90.	1.8	15
89	Expression of Early Growth Response Gene-2 and Regulated Cytokines Correlates with Recovery from Guillain-Barré Syndrome. Journal of Immunology, 2016, 196, 1102-1107.	0.4	15
90	Reduction in Oviposition of Poultry Red Mite (Dermanyssus gallinae) in Hens Vaccinated with Recombinant Akirin. Vaccines, 2019, 7, 121.	2.1	15

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91	Characterization of the tick-pathogen interface by quantitative proteomics. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 154-158.	1.1	14
92	Tonsils of the Soft Palate Do Not Mediate the Response of Pigs to Oral Vaccination with Heat-Inactivated <i>Mycobacterium bovis</i> . <i>Vaccine Journal</i> , 2014, 21, 1128-1136.	3.2	14
93	Coronavirus in cat flea: findings and questions regarding COVID-19. <i>Parasites and Vectors</i> , 2020, 13, 409.	1.0	14
94	Probiotic Bacteria with High Alpha-Gal Content Protect Zebrafish against Mycobacteriosis. <i>Pharmaceuticals</i> , 2021, 14, 635.	1.7	14
95	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
96	<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
97	Serum proteome of dogs at subclinical and clinical onset of canine leishmaniosis. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 318-327.	1.3	12
98	Comparative Proteomics Identifies Host Immune System Proteins Affected by Infection with <i>Mycobacterium bovis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004541.	1.3	12
99	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
100	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
101	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
102	Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. <i>Heliyon</i> , 2017, 3, e00353.	1.4	10
103	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
104	<i>Anaplasma</i> pathogen infection alters chemical composition of the exoskeleton of hard ticks (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	10
105	Aging Induces Hepatic Oxidative Stress and Nuclear Proteomic Remodeling in Liver from Wistar Rats. <i>Antioxidants</i> , 2021, 10, 1535.	2.2	10
106	Altered subcellular distribution of IRS-1 and IRS-3 is associated with defective Akt activation and GLUT4 translocation in insulin-resistant old rat adipocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 197-206.	1.9	9
107	Bacterial membranes enhance the immunogenicity and protective capacity of the surface exposed tick Subolesin- <i>Anaplasma marginale</i> MSP1a chimeric antigen. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 820-828.	1.1	9
108	Molecular and immunological characterization of three strains of <i>Anaplasma marginale</i> grown in cultured tick cells. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 522-529.	1.1	9

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109	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.	0.5	8
110	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
111	Proteomics Characterization of Tick-Host-Pathogen Interactions. <i>Methods in Molecular Biology</i> , 2015, 1247, 513-527.	0.4	8
112	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
113	Host expression of methylmalonyl-CoA mutase and tuberculosis: A missing link?. <i>Medical Hypotheses</i> , 2011, 76, 361-364.	0.8	7
114	Remodeling of tick cytoskeleton in response to infection with <i>Anaplasma phagocytophilum</i> . <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1830-1844.	3.0	7
115	Quantitative Proteomics Identifies Metabolic Pathways Affected by <i>Babesia</i> Infection and Blood Feeding in the Sialoproteome of the Vector <i>Rhipicephalus bursa</i> . <i>Vaccines</i> , 2020, 8, 91.	2.1	7
116	Unravelling how in vitro capacitation alters ram sperm chromatin before and after cryopreservation. <i>Andrology</i> , 2021, 9, 414-425.	1.9	7
117	Arthropod Ectoparasites Have Potential to Bind SARS-CoV-2 via ACE. <i>Viruses</i> , 2021, 13, 708.	1.5	7
118	Characterization of the anti- α -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
119	Comparative Proteomic Analysis of <i>Rhipicephalus sanguineus sensu lato</i> (Acari: Ixodidae) Tropical and Temperate Lineages: Uncovering Differences During <i>Ehrlichia canis</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 611113.	1.8	6
120	Tick Importin- β Is Implicated in the Interactome and Regulome of the Cofactor Subolesin. <i>Pathogens</i> , 2021, 10, 457.	1.2	5
121	Quantitative proteomics reveals Piccolo as a candidate serological correlate of recovery from Guillain-Barré syndrome. <i>Oncotarget</i> , 2016, 7, 74582-74591.	0.8	5
122	Heat Shock Proteins in Vector-pathogen Interactions: The <i>Anaplasma phagocytophilum</i> Model. <i>Heat Shock Proteins</i> , 2017, , 375-398.	0.2	4
123	Challenges for the Control of Poultry Red Mite (<i>Dermanyssus gallinae</i>). , 0, , .		4
124	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. <i>F1000Research</i> , 2020, 9, 1366.	0.8	4
125	Functional Genomics of Tick Vectors Challenged with the Cattle Parasite <i>Babesia bigemina</i> . <i>Methods in Molecular Biology</i> , 2015, 1247, 475-489.	0.4	3
126	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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127	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. <i>F1000Research</i> , 2020, 9, 1366.	0.8	3
128	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
129	The Impact of Post-Genomics Approaches in Neurodegenerative Demyelinating Diseases: The Case of Guillain-Barré Syndrome. <i>Current Medicinal Chemistry</i> , 2018, 25, 3482-3490.	1.2	2
130	Akirin/Subolesin regulatory mechanisms at host/tick pathogen interactions. <i>MicroLife</i> , 2022, 3, .	1.0	2
131	Research Priorities and Trends in Infections Shared with Wildlife. <i>Wildlife Research Monographs</i> , 2016, , 55-78.	0.4	1
132	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