

Itabajara da Silva Vaz Junior

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#	Paper	IF	Citations
157	Proteomic analysis of cattle tick <i>Rhipicephalus (Boophilus) microplus</i> saliva: a comparison between partially and fully engorged females. <i>PLoS ONE</i> , 2014 , 9, e94831	3.7	114
156	A serine protease inhibitor (serpin) from <i>Haemaphysalis longicornis</i> as an anti-tick vaccine. <i>Vaccine</i> , 2005 , 23, 1301-11	4.1	107
155	In vitro assessment of <i>Metarhizium anisopliae</i> isolates to control the cattle tick <i>Boophilus microplus</i> . <i>Veterinary Parasitology</i> , 2000 , 94, 117-25	2.8	107
154	<i>Ixodes scapularis</i> Tick Saliva Proteins Sequentially Secreted Every 24 h during Blood Feeding. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004323	4.8	81
153	A <i>Coxiella</i> mutualist symbiont is essential to the development of <i>Rhipicephalus microplus</i> . <i>Scientific Reports</i> , 2017 , 7, 17554	4.9	69
152	Effect of birth weight and colostrum intake on mortality and performance of piglets after cross-fostering in sows of different parities. <i>Preventive Veterinary Medicine</i> , 2014 , 114, 259-66	3.1	65
151	ABC transporter efflux pumps: a defense mechanism against ivermectin in <i>Rhipicephalus (Boophilus) microplus</i> . <i>International Journal for Parasitology</i> , 2011 , 41, 1323-33	4.3	65
150	The quest for a universal vaccine against ticks: cross-immunity insights. <i>Veterinary Journal</i> , 2012 , 194, 158-65	2.5	61
149	Isolation of an aspartic proteinase precursor from the egg of a hard tick, <i>Boophilus microplus</i> . <i>Parasitology</i> , 1998 , 116 (Pt 6), 525-32	2.7	61
148	Immunization of bovines with an aspartic proteinase precursor isolated from <i>Boophilus microplus</i> eggs. <i>Veterinary Immunology and Immunopathology</i> , 1998 , 66, 331-41	2	60
147	Saliva from nymph and adult females of <i>Haemaphysalis longicornis</i> : a proteomic study. <i>Parasites and Vectors</i> , 2015 , 8, 338	4	57
146	Cross immunity with <i>Haemaphysalis longicornis</i> glutathione S-transferase reduces an experimental <i>Rhipicephalus (Boophilus) microplus</i> infestation. <i>Experimental Parasitology</i> , 2011 , 127, 113-8	2.1	53
145	Cloning and partial characterization of a <i>Boophilus microplus</i> (Acari: Ixodidae) calreticulin. <i>Experimental Parasitology</i> , 2002 , 101, 25-34	2.1	53
144	Binding and storage of heme by vitellin from the cattle tick, <i>Boophilus microplus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2002 , 32, 1805-11	4.5	51
143	A <i>Boophilus microplus</i> vitellin-degrading cysteine endopeptidase. <i>Parasitology</i> , 2003 , 126, 155-63	2.7	44
142	ABC transporters as a multidrug detoxification mechanism in <i>Rhipicephalus (Boophilus) microplus</i> . <i>Parasitology Research</i> , 2012 , 111, 2345-51	2.4	43
141	Multi-antigenic vaccine against the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> : a field evaluation. <i>Vaccine</i> , 2012 , 30, 6912-7	4.1	43

140	Relationship between glutathione S-transferase, catalase, oxygen consumption, lipid peroxidation and oxidative stress in eggs and larvae of <i>Boophilus microplus</i> (Acarina: Ixodidae). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 146, 688-94	2.6	43
139	Glucose metabolism during embryogenesis of the hard tick <i>Boophilus microplus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 146, 528-33	2.6	42
138	Vaccination of bovines with recombinant <i>Boophilus</i> Yolk pro-Cathepsin. <i>Veterinary Immunology and Immunopathology</i> , 2006 , 114, 341-5	2	42
137	Conserved <i>Amblyomma americanum</i> tick Serpin19, an inhibitor of blood clotting factors Xa and XIa, trypsin and plasmin, has anti-haemostatic functions. <i>International Journal for Parasitology</i> , 2015 , 45, 613-27	4.3	41
136	Systemic alterations of bovine hemostasis due to <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> infestation. <i>Research in Veterinary Science</i> , 2009 , 86, 56-62	2.5	41
135	Oxidative stress impairs heme detoxification in the midgut of the cattle tick, <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . <i>Molecular and Biochemical Parasitology</i> , 2007 , 151, 81-8	1.9	41
134	Proteolytic activity of <i>Boophilus microplus</i> Yolk pro-Cathepsin D (BYC) is coincident with cortical acidification during embryogenesis. <i>Insect Biochemistry and Molecular Biology</i> , 2004 , 34, 443-9	4.5	41
133	Tick-Host Range Adaptation: Changes in Protein Profiles in Unfed Adult and Saliva Stimulated to Feed on Different Hosts. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 517	5.9	40
132	Vaccine potential of a tick vitellin-degrading enzyme (VTDCE). <i>Veterinary Immunology and Immunopathology</i> , 2008 , 124, 332-40	2	40
131	Cloning, expression and partial characterization of a <i>Haemaphysalis longicornis</i> and a <i>Rhipicephalus appendiculatus</i> glutathione S-transferase. <i>Insect Molecular Biology</i> , 2004 , 13, 329-35	3.4	40
130	Across intra-mammalian stages of the liver fluke <i>Fasciola hepatica</i> : a proteomic study. <i>Scientific Reports</i> , 2016 , 6, 32796	4.9	39
129	A family of serine protease inhibitors (serpins) in the cattle tick <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . <i>Experimental Parasitology</i> , 2014 , 137, 25-34	2.1	39
128	Kinetics of energy source utilization in <i>Boophilus microplus</i> (Canestrini, 1887) (Acari: Ixodidae) embryonic development. <i>Veterinary Parasitology</i> , 2006 , 138, 349-57	2.8	39
127	Immunoprotective potential of a <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> metalloprotease. <i>Veterinary Parasitology</i> , 2015 , 207, 107-14	2.8	37
126	ATP Binding Cassette Transporter Mediates Both Heme and Pesticide Detoxification in Tick Midgut Cells. <i>PLoS ONE</i> , 2015 , 10, e0134779	3.7	37
125	Functional bovine immunoglobulins in <i>Boophilus microplus</i> hemolymph. <i>Veterinary Parasitology</i> , 1996 , 62, 155-60	2.8	37
124	Germ band retraction as a landmark in glucose metabolism during <i>Aedes aegypti</i> embryogenesis. <i>BMC Developmental Biology</i> , 2010 , 10, 25	3.1	36
123	The putative role of <i>Rhipicephalus microplus</i> salivary serpins in the tick-host relationship. <i>Insect Biochemistry and Molecular Biology</i> , 2016 , 71, 12-28	4.5	33

122	Rhipicephalus (Boophilus) microplus embryo proteins as target for tick vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2012 , 148, 149-56	2	33
121	New approaches toward anti-Rhipicephalus (Boophilus) microplus tick vaccine. <i>Brazilian Journal of Veterinary Parasitology</i> , 2009 , 18, 1-7	1.3	32
120	An extraovarian aspartic protease accumulated in tick oocytes with vitellin-degradation activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 151, 392-9	2.3	31
119	Effect of GSK-3 activity, enzymatic inhibition and gene silencing by RNAi on tick oviposition and egg hatching. <i>Parasitology</i> , 2010 , 137, 1537-46	2.7	29
118	Effect of acaricides on the activity of a Boophilus microplus glutathione S-transferase. <i>Veterinary Parasitology</i> , 2004 , 119, 237-45	2.8	29
117	Anti-tick monoclonal antibody applied by artificial capillary feeding in Rhipicephalus (Boophilus) microplus females. <i>Experimental Parasitology</i> , 2012 , 130, 359-63	2.1	28
116	Cell death during preoviposition period in Boophilus microplus tick. <i>Veterinary Parasitology</i> , 2007 , 144, 321-7	2.8	28
115	Molecular cloning and sequence analysis of cDNAs encoding for Boophilus microplus, Haemaphysalis longicornis and Rhipicephalus appendiculatus actins. <i>Veterinary Parasitology</i> , 2005 , 127, 147-55	2.8	28
114	Bioinformatic analyses of male and female Amblyomma americanum tick expressed serine protease inhibitors (serpins). <i>Ticks and Tick-borne Diseases</i> , 2015 , 6, 16-30	3.6	27
113	Role of ferritin in the rice tolerance to iron overload. <i>Scientia Agricola</i> , 2009 , 66, 549-555	2.5	26
112	Random sequencing of cDNA library derived from partially-fed adult female Haemaphysalis longicornis salivary gland. <i>Journal of Veterinary Medical Science</i> , 2005 , 67, 1127-31	1.1	26
111	Time-resolved proteomic profile of Amblyomma americanum tick saliva during feeding. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007758	4.8	22
110	A proteomic insight into vitellogenesis during tick ovary maturation. <i>Scientific Reports</i> , 2018 , 8, 4698	4.9	21
109	In vitro establishment of ivermectin-resistant Rhipicephalus microplus cell line and the contribution of ABC transporters on the resistance mechanism. <i>Veterinary Parasitology</i> , 2014 , 204, 316-22	2.8	21
108	Boophilus microplus cathepsin L-like (BmCL1) cysteine protease: specificity study using a peptide phage display library. <i>Veterinary Parasitology</i> , 2011 , 181, 291-300	2.8	20
107	cDNA cloning, expression and characterization of a Boophilus microplus paramyosin. <i>Parasitology</i> , 2002 , 125, 265-74	2.7	20
106	Transfected Babesia bovis Expressing a Tick GST as a Live Vector Vaccine. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005152	4.8	20
105	Poor Unstable Midgut Microbiome of Hard Ticks Contrasts With Abundant and Stable Monospecific Microbiome in Ovaries. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 211	5.9	19

104	Expression profile of Rhipicephalus microplus vitellogenin receptor during oogenesis. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 72-81	3.6	19
103	Effect of recombinant glutathione S-transferase as vaccine antigen against Rhipicephalus appendiculatus and Rhipicephalus sanguineus infestation. <i>Vaccine</i> , 2017 , 35, 6649-6656	4.1	18
102	Caracterizaçã da resistêcia para acaricidas no carrapato Boophilus microplus*. <i>Acta Scientiae Veterinariae</i> , 2018 , 33, 109	1.1	18
101	Reprolysin metalloproteases from Ixodes persulcatus, Rhipicephalus sanguineus and Rhipicephalus microplus ticks. <i>Experimental and Applied Acarology</i> , 2014 , 63, 559-78	2.1	17
100	The modulation of the symbiont/host interaction between Wolbachia pipientis and Aedes fluviatilis embryos by glycogen metabolism. <i>PLoS ONE</i> , 2014 , 9, e98966	3.7	17
99	BYC, an atypical aspartic endopeptidase from Rhipicephalus (Boophilus) microplus eggs. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 149, 599-607	2.3	17
98	Serum of Boophilus microplus infested cattle reacts with different tick tissues. <i>Veterinary Parasitology</i> , 1994 , 52, 71-8	2.8	17
97	Identification and characterization of proteins in the Amblyomma americanum tick cement cone. <i>International Journal for Parasitology</i> , 2018 , 48, 211-224	4.3	17
96	Amblyomma americanum serpin 27 (AAS27) is a tick salivary anti-inflammatory protein secreted into the host during feeding. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007660	4.8	16
95	The conserved role of the AKT/GSK3 axis in cell survival and glycogen metabolism in Rhipicephalus (Boophilus) microplus embryo tick cell line BME26. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2574-82	4	16
94	Exogenous insulin stimulates glycogen accumulation in Rhipicephalus (Boophilus) microplus embryo cell line BME26 via PI3K/AKT pathway. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 153, 185-90	2.3	16
93	A Rhipicephalus (Boophilus) microplus cathepsin with dual peptidase and antimicrobial activity. <i>International Journal for Parasitology</i> , 2012 , 42, 635-45	4.3	15
92	Probing the functional role of tick metalloproteases. <i>Physiological Entomology</i> , 2015 , 40, 177-188	1.9	15
91	Sequence characterization and immunogenicity of cystatins from the cattle tick Rhipicephalus (Boophilus) microplus. <i>Ticks and Tick-borne Diseases</i> , 2013 , 4, 492-9	3.6	15
90	Effect of vaccination with a recombinant metalloprotease from Haemaphysalis longicornis. <i>Experimental and Applied Acarology</i> , 2009 , 48, 345-58	2.1	15
89	Evaluation of Essential Oils Derived from (Piperaceae) and (Rutaceae) against the Tick (Acari: Ixodidae). <i>Biochemistry Research International</i> , 2017 , 2017, 5342947	2.4	14
88	Rmcystatin3, a cysteine protease inhibitor from Rhipicephalus microplus hemocytes involved in immune response. <i>Biochimie</i> , 2014 , 106, 17-23	4.6	14
87	Structural and biochemical characterization of a recombinant triosephosphate isomerase from Rhipicephalus (Boophilus) microplus. <i>Insect Biochemistry and Molecular Biology</i> , 2011 , 41, 400-9	4.5	14

86	Expression and activity of glycogen synthase kinase during vitellogenesis and embryogenesis of <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2009 , 161, 261-9	2.8	14
85	A mitochondrial exopolyphosphatase activity modulated by phosphate demand in <i>Rhipicephalus (Boophilus) microplus</i> embryo. <i>Insect Biochemistry and Molecular Biology</i> , 2007 , 37, 1103-7	4.5	14
84	Purification and antigenicity of two recombinant forms of <i>Boophilus microplus</i> yolk pro-cathepsin expressed in inclusion bodies. <i>Protein Expression and Purification</i> , 2006 , 45, 107-14	2	14
83	Changing patterns of vitellin-related peptides during development of the cattle tick <i>Boophilus microplus</i> . <i>Experimental and Applied Acarology</i> , 1995 , 19, 325-36	2.1	14
82	Peptidase inhibitors in tick physiology. <i>Medical and Veterinary Entomology</i> , 2018 , 32, 129-144	2.4	14
81	Non-classical gluconeogenesis-dependent glucose metabolism in <i>Rhipicephalus microplus</i> embryonic cell line BME26. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 1821-39	6.3	13
80	Comparative immunogenicity of <i>Haemaphysalis longicornis</i> and <i>Rhipicephalus (Boophilus) microplus</i> calreticulins. <i>Veterinary Parasitology</i> , 2009 , 164, 282-90	2.8	13
79	Integrated analysis of sialotranscriptome and sialoproteome of the brown dog tick <i>Rhipicephalus sanguineus</i> (s.l.): Insights into gene expression during blood feeding. <i>Journal of Proteomics</i> , 2020 , 229, 103899	3.9	13
78	A revision of two distinct species of <i>Rhipicephalus</i> : <i>R. microplus</i> and <i>R. australis</i> . <i>Ciencia Rural</i> , 2016 , 46, 1240-1248	1.3	13
77	<i>Rhipicephalus microplus</i> and <i>Ixodes ovatus</i> cystatins in tick blood digestion and evasion of host immune response. <i>Parasites and Vectors</i> , 2015 , 8, 122	4	12
76	Acaricidal properties of the essential oil from <i>Zanthoxylum caribaeum</i> against <i>Rhipicephalus microplus</i> . <i>Journal of Medical Entomology</i> , 2014 , 51, 971-5	2.2	11
75	Monoclonal antibodies against <i>Boophilus microplus</i> and their effects on tick reproductive efficiency. <i>Veterinary Parasitology</i> , 1997 , 69, 297-306	2.8	11
74	Comparative IgG recognition of tick extracts by sera of experimentally infested bovines. <i>Veterinary Parasitology</i> , 2008 , 158, 152-8	2.8	11
73	Molecular and structural characterization of novel cystatins from the taiga tick <i>Ixodes persulcatus</i> . <i>Ticks and Tick-borne Diseases</i> , 2017 , 8, 432-441	3.6	10
72	Identification and partial characterization of a gut <i>Rhipicephalus appendiculatus</i> cystatin. <i>Ticks and Tick-borne Diseases</i> , 2013 , 4, 138-44	3.6	10
71	Blood anticlotting activity of a <i>Rhipicephalus microplus</i> cathepsin L-like enzyme. <i>Biochimie</i> , 2019 , 163, 12-20	4.6	9
70	Tick GenE organ engagement in lipid metabolism revealed by a combined transcriptomic and proteomic approach. <i>Ticks and Tick-borne Diseases</i> , 2019 , 10, 787-797	3.6	9
69	Constituting a glutathione S-transferase-cocktail vaccine against tick infestation. <i>Vaccine</i> , 2019 , 37, 19184-19279	4.1	9

68	Production and application of anti-nucleoprotein IgY antibodies for influenza A virus detection in swine. <i>Journal of Immunological Methods</i> , 2018 , 461, 100-105	2.5	9
67	Abordagem sobre o controle do carrapato <i>Rhipicephalus (Boophilus) microplus</i> no sul do Rio Grande do Sul. <i>Pesquisa Veterinaria Brasileira</i> , 2009 , 29, 65-70	0.4	9
66	New approaches toward anti- <i>Rhipicephalus (Boophilus) microplus</i> tick vaccine. <i>Brazilian Journal of Veterinary Parasitology</i> , 2009 , 18, 1-7	1.3	9
65	Vaccination with cyclin-dependent kinase tick antigen confers protection against <i>Ixodes</i> infestation. <i>Veterinary Parasitology</i> , 2015 , 211, 266-73	2.8	8
64	<i>Amblyomma americanum</i> serpin 41 (AAS41) inhibits inflammation by targeting chymase and chymotrypsin. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 1007-1021	7.9	8
63	Glycogen Synthase Kinase-3 is involved in glycogen metabolism control and embryogenesis of <i>Rhodnius prolixus</i> . <i>Parasitology</i> , 2016 , 143, 1569-79	2.7	8
62	<i>Rhipicephalus microplus</i> serpins interfere with host immune responses by specifically modulating mast cells and lymphocytes. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101425	3.6	8
61	Initiator and executioner caspases in salivary gland apoptosis of <i>Rhipicephalus haemaphysaloides</i> . <i>Parasites and Vectors</i> , 2020 , 13, 288	4	7
60	Perspectivas para o controle do carrapato bovino. <i>Acta Scientiae Veterinariae</i> , 2018 , 31, 1	1.1	7
59	Immunosuppressive effects of sialostatin L1 and L2 isolated from the taiga tick <i>Ixodes persulcatus</i> Schulze. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101332	3.6	7
58	The dynamics of energy metabolism in the tick embryo. <i>Brazilian Journal of Veterinary Parasitology</i> , 2018 , 27, 259-266	1.3	7
57	Novel and Selective Triosephosphate Isomerase Inhibitors with Acaricidal Activity. <i>Veterinary Sciences</i> , 2018 , 5,	2.4	7
56	Colostrum yield and litter performance in multiparous sows subjected to farrowing induction. <i>Reproduction in Domestic Animals</i> , 2017 , 52, 749-755	1.6	6
55	A proteomic comparison of excretion/secretion products in <i>Fasciola hepatica</i> newly excysted juveniles (NEJ) derived from <i>Lymnaea viatrix</i> or <i>Pseudosuccinea columella</i> . <i>Experimental Parasitology</i> , 2019 , 201, 11-20	2.1	6
54	Tissue expression and the host's immunological recognition of a <i>Rhipicephalus microplus</i> paramyosin. <i>Veterinary Parasitology</i> , 2013 , 197, 304-11	2.8	6
53	Inorganic polyphosphates regulate hexokinase activity and reactive oxygen species generation in mitochondria of <i>Rhipicephalus (Boophilus) microplus</i> embryo. <i>International Journal of Biological Sciences</i> , 2013 , 9, 842-52	11.2	6
52	Exopolyphosphatases in nuclear and mitochondrial fractions during embryogenesis of the hard tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 151, 311-6	2.3	6
51	A physiologic overview of the organ-specific transcriptome of the cattle tick <i>Rhipicephalus microplus</i> . <i>Scientific Reports</i> , 2020 , 10, 18296	4.9	6

50	Characterization of a glycine-rich protein from <i>Rhipicephalus microplus</i> : tissue expression, gene silencing and immune recognition. <i>Parasitology</i> , 2018 , 145, 927-938	2.7	6
49	Carbohydrate Metabolic Compensation Coupled to High Tolerance to Oxidative Stress in Ticks. <i>Scientific Reports</i> , 2019 , 9, 4753	4.9	5
48	Biosecurity practices associated with influenza A virus seroprevalence in sows from southern Brazilian breeding herds. <i>Preventive Veterinary Medicine</i> , 2019 , 166, 1-7	3.1	5
47	Inhibition of enzyme activity of <i>Rhipicephalus (Boophilus) microplus</i> triosephosphate isomerase and BME26 cell growth by monoclonal antibodies. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 13118-33	6.3	5
46	Endocrinologia e controle da vitelogenese em carrapatos. <i>Acta Scientiae Veterinariae</i> , 2018 , 38, 95	1.1	5
45	Hypometabolic strategy and glucose metabolism maintenance of <i>Aedes aegypti</i> egg desiccation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 227, 56-63	2.3	5
44	Prediction, mapping and validation of tick glutathione S-transferase B-cell epitopes. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101445	3.6	4
43	<i>Rhipicephalus microplus</i> cystatin as a potential cross-protective tick vaccine against <i>Rhipicephalus appendiculatus</i> . <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101378	3.6	4
42	A mitochondrial membrane exopolyphosphatase is modulated by, and plays a role in, the energy metabolism of hard tick <i>Rhipicephalus (Boophilus) microplus</i> embryos. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3525-35	6.3	4
41	Identification and structural-functional analysis of cyclin-dependent kinases of the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>PLoS ONE</i> , 2013 , 8, e76128	3.7	4
40	Identification and functional analysis of ferritin 2 from the Taiga tick <i>Ixodes persulcatus</i> Schulze. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101547	3.6	4
39	An insight into the functional role of antioxidant and detoxification enzymes in adult <i>Rhipicephalus microplus</i> female ticks. <i>Parasitology International</i> , 2021 , 81, 102274	2.1	4
38	Molecular and functional characterization of Bm05br antigen from <i>Rhipicephalus microplus</i> . <i>Ticks and Tick-borne Diseases</i> , 2017 , 8, 320-329	3.6	3
37	Novel pseudo-aspartic peptidase from the midgut of the tick <i>Rhipicephalus microplus</i> . <i>Scientific Reports</i> , 2019 , 9, 435	4.9	3
36	A recombinant subtilisin with keratinolytic and fibrin(ogen)olytic activity. <i>Process Biochemistry</i> , 2014 , 49, 948-954	4.8	3
35	Partial characterization of an atypical family I inorganic pyrophosphatase from cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2012 , 184, 238-47	2.8	3
34	A novel mechanism of functional cooperativity regulation by thiol redox status in a dimeric inorganic pyrophosphatase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 2922-2933	4	3
33	Tick saliva-induced programmed death-1 and PD-ligand 1 and its related host immunosuppression. <i>Scientific Reports</i> , 2021 , 11, 1063	4.9	3

32	A novel type 1 cystatin involved in the regulation of Rhipicephalus microplus midgut cysteine proteases. <i>Ticks and Tick-borne Diseases</i> , 2020 , 11, 101374	3.6	2
31	A soluble inorganic pyrophosphatase from the cattle tick Rhipicephalus microplus capable of hydrolysing polyphosphates. <i>Insect Molecular Biology</i> , 2018 , 27, 260-267	3.4	2
30	TOR as a Regulatory Target in Embryogenesis. <i>Frontiers in Physiology</i> , 2019 , 10, 965	4.6	2
29	Granulomatous myelitis associated with hemorrhagic syndrome due to consumption of Vicia villosa by cattle. <i>Ciencia Rural</i> , 2010 , 40, 1848-1851	1.3	2
28	Non-Invasive Delivery of dsRNA into De-Waxed Tick Eggs by Electroporation. <i>PLoS ONE</i> , 2015 , 10, e0130008	3.9	2
27	Achados patológicos e imuno-histoquímicos em bovinos com doença granulomatosa sistêmica pelo consumo de Vicia villosa (Leg. Papilionoideae) no Rio Grande do Sul. <i>Pesquisa Veterinaria Brasileira</i> , 2011 , 31, 307-312	0.4	2
26	Uso de acaricidas em Rhipicephalus (B.) microplus de duas regiões fisiográficas do Rio Grande do Sul. <i>Acta Scientiae Veterinariae</i> , 2018 , 36, 25	1.1	2
25	The hallmarks of GSK-3 in morphogenesis and embryonic development metabolism in arthropods. <i>Insect Biochemistry and Molecular Biology</i> , 2020 , 118, 103307	4.5	2
24	Serpins in Fasciola hepatica: insights into host-parasite interactions. <i>International Journal for Parasitology</i> , 2020 , 50, 931-943	4.3	2
23	Serological surveillance and factors associated with influenza A virus in backyard pigs in Southern Brazil. <i>Zoonoses and Public Health</i> , 2019 , 66, 125-132	2.9	2
22	Glucose metabolomic profile during embryogenesis in the tick Rhipicephalus microplus. <i>Metabolomics</i> , 2021 , 17, 79	4.7	2
21	Aedes fluviatilis cell lines as new tools to study metabolic and immune interactions in mosquito-Wolbachia symbiosis. <i>Scientific Reports</i> , 2021 , 11, 19202	4.9	2
20	Host Immune Responses to Salivary Components - A Critical Facet of Tick-Host Interactions.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 809052	5.9	2
19	Enkephalin related peptides are released from jejunum wall by orally ingested bromelain. <i>Peptides</i> , 2019 , 115, 32-42	3.8	1
18	Molecular Survey and Spatial Distribution of spp. in Ticks Infesting Free-Ranging Wild Animals in Pakistan (2017-2021).. <i>Pathogens</i> , 2022 , 11,	4.5	1
17	Neuropeptides in Rhipicephalus microplus and other hard ticks.. <i>Ticks and Tick-borne Diseases</i> , 2022 , 13, 101910	3.6	1
16	Time-resolved proteomic profile of Amblyomma americanum tick saliva during feeding		1
15	Prostaglandin-related immune suppression in cattle. <i>Veterinary Immunology and Immunopathology</i> , 2021 , 236, 110238	2	1

14	Inhibition of energy metabolism by 3-bromopyruvate in the hard tick <i>Rhipicephalus microplus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 218, 55-61	3.2	1
13	Effect of essential oils against acaricide-susceptible and acaricide-resistant <i>Rhipicephalus</i> ticks. <i>Experimental and Applied Acarology</i> , 2021 , 83, 597-608	2.1	1
12	Differential expression of PEPCK isoforms is correlated to <i>Aedes aegypti</i> oogenesis and embryogenesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021 , 256, 110618	2.3	1
11	Effects of carvacrol and thymol on the antioxidant and detoxifying enzymes of <i>Rhipicephalus microplus</i> (Acari: Ixodidae).. <i>Ticks and Tick-borne Diseases</i> , 2022 , 13, 101929	3.6	1
10	Prediction of Novel Drug Targets and Vaccine Candidates against Human Lice (Insecta), Acari (Arachnida), and Their Associated Pathogens.. <i>Vaccines</i> , 2021 , 10,	5.3	1
9	Dataset supporting the proteomic differences found between excretion/secretion products from two isolates of newly excysted juveniles (NEJ) derived from different snail hosts. <i>Data in Brief</i> , 2019 , 25, 104272	1.2	0
8	REDOX IMBALANCE INDUCES REMODELING OF GLUCOSE METABOLISM IN RHIPICEPHALUS MICROPLUS EMBRYONIC CELL LINE.. <i>Journal of Biological Chemistry</i> , 2022 , 101599	5.4	0
7	Evaluation of essential oils as an ecological alternative in the search for control <i>Rhipicephalus microplus</i> (Acari: Ixodidae). <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2021 , 23, 100523	1.2	0
6	Interfering with cholesterol metabolism impairs tick embryo development and turns eggs susceptible to bacterial colonization. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101790	3.6	0
5	<i>Wolbachia pipientis</i> modulates metabolism and immunity during <i>Aedes fluviatilis</i> oogenesis.. <i>Insect Biochemistry and Molecular Biology</i> , 2022 , 103776	4.5	0
4	Endosymbiont of Modulates Tick Physiology With a Major Impact in Blood Feeding Capacity.. <i>Frontiers in Microbiology</i> , 2022 , 13, 868575	5.7	0
3	Novel tick glutathione transferase inhibitors as promising acaricidal compounds.. <i>Ticks and Tick-borne Diseases</i> , 2022 , 101970	3.6	0
2	The ecdysteroid receptor regulates salivary gland degeneration through apoptosis in <i>Rhipicephalus haemaphysaloides</i> .. <i>Parasites and Vectors</i> , 2021 , 14, 612	4	
1	Suppressive effects of <i>Ixodes persulcatus</i> sialostatin L2 against <i>Borrelia miyamotoi</i> -stimulated immunity.. <i>Ticks and Tick-borne Diseases</i> , 2022 , 13, 101963	3.6	