

Josã© M C Ribeiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6753352/publications.pdf>

Version: 2024-02-01

321
papers

26,509
citations

4388

86
h-index

9345

143
g-index

329
all docs

329
docs citations

329
times ranked

15079
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of the Malaria Mosquito <i>Anopheles gambiae</i> . Science, 2002, 298, 129-149.	12.6	1,859
2	Role of Arthropod Saliva in Blood Feeding: Sialome and Post-Sialome Perspectives. Annual Review of Entomology, 2003, 48, 73-88.	11.8	665
3	Comparative Genome and Proteome Analysis of <i>Anopheles gambiae</i> and <i>Drosophila melanogaster</i> . Science, 2002, 298, 149-159.	12.6	531
4	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. Science, 2015, 347, 1258522.	12.6	492
5	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12168-12173.	7.1	482
6	The role of saliva in tick feeding. Frontiers in Bioscience - Landmark, 2009, Volume, 2051.	3.0	469
7	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. Nature Communications, 2016, 7, 10507.	12.8	450
8	Sequencing of <i>Culex quinquefasciatus</i> Establishes a Platform for Mosquito Comparative Genomics. Science, 2010, 330, 86-88.	12.6	424
9	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20651-20656.	7.1	412
10	Development of a Natural Model of Cutaneous Leishmaniasis: Powerful Effects of Vector Saliva and Saliva Preexposure on the Long-Term Outcome of <i>Leishmania major</i> Infection in the Mouse Ear Dermis. Journal of Experimental Medicine, 1998, 188, 1941-1953.	8.5	392
11	Antihemostatic, antiinflammatory, and immunosuppressive properties of the saliva of a tick, <i>Ixodes dammini</i> . Journal of Experimental Medicine, 1985, 161, 332-344.	8.5	364
12	Toward a Defined Anti- <i>Leishmania</i> Vaccine Targeting Vector Antigens. Journal of Experimental Medicine, 2001, 194, 331-342.	8.5	359
13	An annotated catalog of salivary gland transcripts from <i>Ixodes scapularis</i> ticks. Insect Biochemistry and Molecular Biology, 2006, 36, 111-129.	2.7	340
14	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14936-14941.	7.1	329
15	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. Science, 2014, 344, 380-386.	12.6	254
16	Ixolaris, a novel recombinant tissue factor pathway inhibitor (TFPI) from the salivary gland of the tick, <i>Ixodes scapularis</i> : identification of factor X and factor Xa as scaffolds for the inhibition of factor VIIa/tissue factor complex. Blood, 2002, 99, 3602-3612.	1.4	247
17	Exploring the sialome of the tick <i>Ixodes scapularis</i> . Journal of Experimental Biology, 2002, 205, 2843-64.	1.7	229
18	Purification, Cloning, and Expression of a Novel Salivary Anticomplement Protein from the Tick, <i>Ixodes scapularis</i> . Journal of Biological Chemistry, 2000, 275, 18717-18723.	3.4	222

#	ARTICLE	IF	CITATIONS
19	Function and Evolution of a Mosquito Salivary Protein Family. <i>Journal of Biological Chemistry</i> , 2006, 281, 1935-1942.	3.4	222
20	An annotated catalogue of salivary gland transcripts in the adult female mosquito, <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2007, 8, 6.	2.8	219
21	PfSETvs methylation of histone H3K36 represses virulence genes in <i>Plasmodium falciparum</i> . <i>Nature</i> , 2013, 499, 223-227.	27.8	219
22	Toward an understanding of the biochemical and pharmacological complexity of the saliva of a hematophagous sand fly <i>Lutzomyia longipalpis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15155-15160.	7.1	216
23	Molecular mimicry of a CCR5 binding-domain in the microbial activation of dendritic cells. <i>Nature Immunology</i> , 2003, 4, 485-490.	14.5	215
24	A Deep Insight into the Sialotranscriptome of the Gulf Coast Tick, <i>Amblyomma maculatum</i> . <i>PLoS ONE</i> , 2011, 6, e28525.	2.5	214
25	Antiinflammatory and Immunosuppressive Activity of Sialostatin L, a Salivary Cystatin from the Tick <i>Ixodes scapularis</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 26298-26307.	3.4	193
26	<i>Brugia malayi</i> Excreted/Secreted Proteins at the Host/Parasite Interface: Stage- and Gender-Specific Proteomic Profiling. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e410.	3.0	187
27	An Insight into the Transcriptome of the Digestive Tract of the Bloodsucking Bug, <i>Rhodnius prolixus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2594.	3.0	184
28	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. <i>Nature Communications</i> , 2016, 7, 10165.	12.8	184
29	Exploring the salivary gland transcriptome and proteome of the <i>Anopheles stephensi</i> mosquito. <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 717-732.	2.7	181
30	Role of saliva in tick/host interactions. <i>Experimental and Applied Acarology</i> , 1989, 7, 15-20.	1.6	180
31	An updated catalogue of salivary gland transcripts in the adult female mosquito, <i>Anopheles gambiae</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 3971-3986.	1.7	173
32	Genomics of <i>Loa loa</i> , a Wolbachia-free filarial parasite of humans. <i>Nature Genetics</i> , 2013, 45, 495-500.	21.4	173
33	Sialokinin I and II: vasodilatory tachykinins from the yellow fever mosquito <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 138-142.	7.1	170
34	Genome-wide analysis of gene expression in adult <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , 2006, 15, 1-12.	2.0	165
35	Toward a description of the sialome of the adult female mosquito <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2002, 32, 1101-1122.	2.7	162
36	An insight into the sialome of blood-feeding Nematocera. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 767-784.	2.7	156

#	ARTICLE	IF	CITATIONS
37	The Satyr Effect: A Model Predicting Parapatry and Species Extinction. <i>American Naturalist</i> , 1986, 128, 513-528.	2.1	153
38	Cloning of a salivary gland metalloprotease and characterization of gelatinase and fibrin(ogen)lytic activities in the saliva of the Lyme disease tick vector <i>Ixodes scapularis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 869-875.	2.1	153
39	BIOCHEMICAL INSIGHTS DERIVED FROM INSECT DIVERSITY. <i>Annual Review of Biochemistry</i> , 1992, 61, 87-111.	11.1	151
40	An insight into the salivary transcriptome and proteome of the adult female mosquito <i>Culex pipiens quinquefasciatus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 543-563.	2.7	149
41	High affinity histamine-binding and antihistaminic activity of the salivary nitric oxide-carrying heme protein (nitrophorin) of <i>Rhodnius prolixus</i> . <i>Journal of Experimental Medicine</i> , 1994, 180, 2251-2257.	8.5	146
42	Comparative sialomics between hard and soft ticks: Implications for the evolution of blood-feeding behavior. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 42-58.	2.7	144
43	The transcriptome of the salivary glands of the female western black-legged tick <i>Ixodes pacificus</i> (Acari: Ixodidae). <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 1142-1161.	2.7	142
44	Toward a catalog for the transcripts and proteins (sialome) from the salivary gland of the malaria vector <i>Anopheles gambiae</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 2429-51.	1.7	142
45	Exploring the sialome of the blood-sucking bug <i>Rhodnius prolixus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 61-79.	2.7	133
46	Purification, Cloning, and Expression of an Apyrase from the Bed Bug <i>Cimex lectularius</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 30583-30590.	3.4	130
47	Microarray analysis of genes showing variable expression following a blood meal in <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , 2005, 14, 365-373.	2.0	130
48	Exploring the transcriptome of the malaria sporozoite stage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9895-9900.	7.1	126
49	Multifunctionality and mechanism of ligand binding in a mosquito antiinflammatory protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3728-3733.	7.1	123
50	Prostaglandin E2 Is a Major Inhibitor of Dendritic Cell Maturation and Function in <i>Ixodes scapularis</i> Saliva. <i>Journal of Immunology</i> , 2007, 179, 1497-1505.	0.8	122
51	A tick salivary protein targets cathepsin G and chymase and inhibits host inflammation and platelet aggregation. <i>Blood</i> , 2011, 117, 736-744.	1.4	122
52	An insight into the sialome of the adult female mosquito <i>Aedes albopictus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 107-127.	2.7	119
53	Genome analysis of a major urban malaria vector mosquito, <i>Anopheles stephensi</i> . <i>Genome Biology</i> , 2014, 15, 459.	8.8	119
54	Deconstructing Tick Saliva. <i>Journal of Biological Chemistry</i> , 2011, 286, 10960-10969.	3.4	117

#	ARTICLE	IF	CITATIONS
55	An insight into the sialome of the blood-sucking bug <i>Triatoma infestans</i> , a vector of Chagas's disease. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 213-232.	2.7	114
56	Penthalaris, a novel recombinant five-Kunitz tissue factor pathway inhibitor (TFPI) from the salivary gland of the tick vector of Lyme disease, <i>Ixodes scapularis</i> . <i>Thrombosis and Haemostasis</i> , 2004, 91, 886-898.	3.4	112
57	Aegyptin, a Novel Mosquito Salivary Gland Protein, Specifically Binds to Collagen and Prevents Its Interaction with Platelet Glycoprotein VI, Integrin $\alpha 2 \beta 1$, and von Willebrand Factor. <i>Journal of Biological Chemistry</i> , 2007, 282, 26928-26938.	3.4	111
58	Chitinases of the Avian Malaria Parasite <i>Plasmodium gallinaceum</i> , a Class of Enzymes Necessary for Parasite Invasion of the Mosquito Midgut. <i>Journal of Biological Chemistry</i> , 2000, 275, 10331-10341.	3.4	110
59	Towards a Semen Proteome of the Dengue Vector Mosquito: Protein Identification and Potential Functions. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e989.	3.0	110
60	An Insight into the Sialome of the Lone Star Tick, <i>Amblyomma americanum</i> , with a Glimpse on Its Time Dependent Gene Expression. <i>PLoS ONE</i> , 2015, 10, e0131292.	2.5	110
61	The D7 family of salivary proteins in blood sucking diptera. <i>Insect Molecular Biology</i> , 2002, 11, 149-155.	2.0	109
62	<i>Bitis gabonica</i> (Gaboon viper) snake venom gland: toward a catalog for the full-length transcripts (cDNA) and proteins. <i>Gene</i> , 2004, 337, 55-69.	2.2	109
63	Anophelin: Kinetics and Mechanism of Thrombin Inhibition. <i>Biochemistry</i> , 1999, 38, 16678-16685.	2.5	107
64	The genome of <i>Onchocerca volvulus</i> , agent of river blindness. <i>Nature Microbiology</i> , 2017, 2, 16216.	13.3	107
65	An insight into the sialome of the soft tick, <i>Ornithodoros parkeri</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1-21.	2.7	105
66	Purification, Cloning, Expression, and Mechanism of Action of a Novel Platelet Aggregation Inhibitor from the Salivary Gland of the Blood-sucking Bug, <i>Rhodnius prolixus</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 12639-12650.	3.4	104
67	Function, mechanism and evolution of the moubatin-clade of soft tick lipocalins. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 841-852.	2.7	103
68	<i>Ixodes scapularis</i> : Salivary Kininase Activity Is a Metallo Dipeptidyl Carboxypeptidase. <i>Experimental Parasitology</i> , 1998, 89, 213-221.	1.2	102
69	Blood-feeding in mosquitoes: probing time and salivary gland anti-haemostatic activities in representatives of three genera (<i>Aedes</i> , <i>Anopheles</i> , <i>Culex</i>). <i>Medical and Veterinary Entomology</i> , 2000, 14, 142-148.	1.5	102
70	Structure and Function of a "Yellow" Protein from Saliva of the Sand Fly <i>Lutzomyia longipalpis</i> That Confers Protective Immunity against <i>Leishmania major</i> Infection. <i>Journal of Biological Chemistry</i> , 2011, 286, 32383-32393.	3.4	102
71	The Genome of <i>Anopheles darlingi</i> , the main neotropical malaria vector. <i>Nucleic Acids Research</i> , 2013, 41, 7387-7400.	14.5	102
72	<i>Amblyomma americanum</i> : Characterization of salivary prostaglandins E2 and F2 by RP-HPLC/bioassay and gas chromatography-mass spectrometry. <i>Experimental Parasitology</i> , 1992, 74, 112-116.	1.2	101

#	ARTICLE	IF	CITATIONS
73	An insight into the sialome of <i>Anopheles funestus</i> reveals an emerging pattern in anopheline salivary protein families. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 164-175.	2.7	101
74	Tissue- and time-dependent transcription in <i>Ixodes ricinus</i> salivary glands and midguts when blood feeding on the vertebrate host. <i>Scientific Reports</i> , 2015, 5, 9103.	3.3	101
75	The Immunomodulatory Action of Sialostatin L on Dendritic Cells Reveals Its Potential to Interfere with Autoimmunity. <i>Journal of Immunology</i> , 2009, 182, 7422-7429.	0.8	100
76	Transposable Elements as Population Drive Mechanisms: Specification of Critical Parameter Values. <i>Journal of Medical Entomology</i> , 1994, 31, 10-16.	1.8	99
77	Lundep, a Sand Fly Salivary Endonuclease Increases <i>Leishmania</i> Parasite Survival in Neutrophils and Inhibits Xlla Contact Activation in Human Plasma. <i>PLoS Pathogens</i> , 2014, 10, e1003923.	4.7	99
78	Stage-specific proteomic expression patterns of the human filarial parasite <i>Brugia malayi</i> and its endosymbiont <i>Wolbachia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9649-9654.	7.1	97
79	Delayed-type hypersensitivity to <i>Phlebotomus papatasi</i> sand fly bite: An adaptive response induced by the fly?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 6704-6709.	7.1	96
80	The role of salivary lipocalins in blood feeding by <i>Rhodnius prolixus</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2005, 58, 97-105.	1.5	95
81	Selective Cysteine Protease Inhibition Contributes to Blood-feeding Success of the Tick <i>Ixodes scapularis</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 29256-29263.	3.4	95
82	The transcriptome of adult female <i>Anopheles darlingi</i> salivary glands. <i>Insect Molecular Biology</i> , 2004, 13, 73-88.	2.0	94
83	Nitric Oxide Binding and Crystallization of Recombinant Nitrophorin I, a Nitric Oxide Transport Protein from the Blood-Sucking Bug <i>Rhodnius prolixus</i> . <i>Biochemistry</i> , 1997, 36, 4423-4428.	2.5	93
84	<i>Ixodes dammini</i> : Salivary anaphylatoxin inactivating activity. <i>Experimental Parasitology</i> , 1986, 62, 292-297.	1.2	92
85	Tick saliva is a potent inhibitor of endothelial cell proliferation and angiogenesis. <i>Thrombosis and Haemostasis</i> , 2005, 94, 167-174.	3.4	92
86	Structure, Function, and Evolution of Biogenic Amine-binding Proteins in Soft Ticks. <i>Journal of Biological Chemistry</i> , 2008, 283, 18721-18733.	3.4	92
87	An insight into the sialotranscriptome of the brown dog tick, <i>Rhipicephalus sanguineus</i> . <i>BMC Genomics</i> , 2010, 11, 450.	2.8	91
88	Purification, Cloning, and Synthesis of a Novel Salivary Anti-thrombin from the Mosquito <i>Anopheles albimanus</i> . <i>Biochemistry</i> , 1999, 38, 11209-11215.	2.5	88
89	The Crystal Structure of D7r4, a Salivary Biogenic Amine-binding Protein from the Malaria Mosquito <i>Anopheles gambiae</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 36626-36633.	3.4	88
90	Cutting Edge: Immunity against a Salivary Antigen of the Lyme Vector <i>Ixodes scapularis</i> Impairs Its Ability to Feed. <i>Journal of Immunology</i> , 2008, 181, 5209-5212.	0.8	88

#	ARTICLE	IF	CITATIONS
91	<i>De novo Ixodes ricinus</i> salivary gland transcriptome analysis using two next-generation sequencing methodologies. <i>FASEB Journal</i> , 2013, 27, 4745-4756.	0.5	88
92	Human Probing Behavior of <i>Aedes aegypti</i> when Infected with a Life-Shortening Strain of <i>Wolbachia</i> . <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e568.	3.0	86
93	RNA-seq analyses of the midgut from blood- and serum-fed <i>Ixodes ricinus</i> ticks. <i>Scientific Reports</i> , 2016, 6, 36695.	3.3	85
94	A catalog for the transcripts from the venomous structures of the caterpillar <i>Lonomia obliqua</i> : Identification of the proteins potentially involved in the coagulation disorder and hemorrhagic syndrome. <i>Gene</i> , 2005, 355, 11-27.	2.2	84
95	An insight into the salivary transcriptome and proteome of the soft tick and vector of epizootic bovine abortion, <i>Ornithodoros coriaceus</i> . <i>Journal of Proteomics</i> , 2008, 71, 493-512.	2.4	84
96	Analysis of the <i>Plasmodium</i> and <i>Anopheles</i> Transcriptional Repertoire during Ookinete Development and Midgut Invasion. <i>Journal of Biological Chemistry</i> , 2004, 279, 5573-5580.	3.4	83
97	Inhibition of Hemostasis by a High Affinity Biogenic Amine-binding Protein from the Saliva of a Blood-feeding Insect. <i>Journal of Biological Chemistry</i> , 2003, 278, 4611-4617.	3.4	80
98	Nitric oxide synthase activity from a hematophagous insect salivary gland. <i>FEBS Letters</i> , 1993, 330, 165-168.	2.8	79
99	Analysis of the Salivary Gland Transcriptome of Unfed and Partially Fed <i>Amblyomma sculptum</i> Ticks and Descriptive Proteome of the Saliva. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 476.	3.9	79
100	Sialome diversity of ticks revealed by RNAseq of single tick salivary glands. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006410.	3.0	79
101	The sialotranscriptome of the blood-sucking bug <i>Triatoma brasiliensis</i> (Hemiptera, Triatominae). <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 702-712.	2.7	78
102	An insight into the sialome of <i>Glossina morsitans morsitans</i> . <i>BMC Genomics</i> , 2010, 11, 213.	2.8	76
103	Salivary Antigen-5/CAP Family Members Are Cu ²⁺ -dependent Antioxidant Enzymes That Scavenge O ₂ [•] and Inhibit Collagen-induced Platelet Aggregation and Neutrophil Oxidative Burst. <i>Journal of Biological Chemistry</i> , 2013, 288, 14341-14361.	3.4	76
104	The salivary and crop apyrase activity of <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 1980, 26, 303-307.	2.0	75
105	The sialotranscriptome of <i>Amblyomma triste</i> , <i>Amblyomma parvum</i> and <i>Amblyomma cajennense</i> ticks, uncovered by 454-based RNA-seq. <i>Parasites and Vectors</i> , 2014, 7, 430.	2.5	75
106	A Systems Level Analysis Reveals Transcriptomic and Proteomic Complexity in <i>Ixodes Ricinus</i> Midgut and Salivary Glands During Early Attachment and Feeding. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2725-2735.	3.8	73
107	A mosquito lipoxin/lipocalin complex mediates innate immune priming in <i>Anopheles gambiae</i> . <i>Nature Communications</i> , 2015, 6, 7403.	12.8	73
108	Salivary gland apyrase determines probing time in anopheline mosquitoes. <i>Journal of Insect Physiology</i> , 1985, 31, 689-692.	2.0	72

#	ARTICLE	IF	CITATIONS
109	Reconstructing the flight kinematics of swarming and mating in wild mosquitoes. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2624-2638.	3.4	72
110	Differential salivary gland transcript expression profile in <i>Ixodes scapularis</i> nymphs upon feeding or flavivirus infection. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 18-26.	2.7	72
111	Comparative genomics of insect juvenile hormone biosynthesis. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 366-374.	2.7	71
112	The salivary gland transcriptome of the neotropical malaria vector <i>Anopheles darlingi</i> reveals accelerated evolution of genes relevant to hematophagy. <i>BMC Genomics</i> , 2009, 10, 57.	2.8	71
113	Enhanced mosquito blood-finding success on parasitemic hosts: evidence for vector-parasite mutualism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 7725-7727.	7.1	70
114	Role of Salivary Antihemostatic Components in Blood Feeding by Triatomine Bugs (Heteroptera). <i>Journal of Medical Entomology</i> , 1998, 35, 599-610.	1.8	70
115	A catalogue of <i>Anopheles gambiae</i> transcripts significantly more or less expressed following a blood meal. <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 865-882.	2.7	70
116	Recognition of Anionic Phospholipid Membranes by an Antihemostatic Protein from a Blood-Feeding Insect. <i>Biochemistry</i> , 2004, 43, 6987-6994.	2.5	70
117	An insight into the sialome of the oriental rat flea, <i>Xenopsylla cheopis</i> (Rots). <i>BMC Genomics</i> , 2007, 8, 102.	2.8	70
118	ANTI-TICK ANTIBODIES: AN EPIDEMIOLOGIC TOOL IN LYME DISEASE RESEARCH. <i>American Journal of Epidemiology</i> , 1990, 132, 58-66.	3.4	68
119	Analysis of the Plasmodium and Anopheles Transcriptomes during Oocyst Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 5581-5587.	3.4	68
120	Characterization of anti-hemostatic factors in the argasid, <i>Argas monolakensis</i> : Implications for the evolution of blood-feeding in the soft tick family. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 22-41.	2.7	68
121	The salivary purine nucleosidase of the mosquito, <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 13-22.	2.7	67
122	Proteome of <i>Rhipicephalus sanguineus</i> tick saliva induced by the secretagogues pilocarpine and dopamine. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 469-477.	2.7	67
123	Sexual differences in the sialomes of the zebra tick, <i>Rhipicephalus pulchellus</i> . <i>Journal of Proteomics</i> , 2015, 117, 120-144.	2.4	67
124	A Deep Insight into the Sialome of Male and Female <i>Aedes aegypti</i> Mosquitoes. <i>PLoS ONE</i> , 2016, 11, e0151400.	2.5	67
125	Ixolaris: a Factor Xa heparin-binding exosite inhibitor. <i>Biochemical Journal</i> , 2005, 387, 871-877.	3.7	65
126	Insight into the Sialome of the Bed Bug, <i>Cimex lectularius</i> . <i>Journal of Proteome Research</i> , 2010, 9, 3820-3831.	3.7	65

#	ARTICLE	IF	CITATIONS
127	The Salivary Adenosine Deaminase from the Sand Fly <i>Lutzomyia longipalpis</i> . <i>Experimental Parasitology</i> , 2000, 95, 45-53.	1.2	64
128	A novel clade of cysteinyl leukotriene scavengers in soft ticks. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 862-870.	2.7	63
129	Identification and Characterization of Seminal Fluid Proteins in the Asian Tiger Mosquito, <i>Aedes albopictus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2946.	3.0	63
130	Structure and Dynamics of Male Swarms of <i>Anopheles gambiae</i> . <i>Journal of Medical Entomology</i> , 2009, 46, 227-235.	1.8	62
131	The Function and Three-Dimensional Structure of a Thromboxane A ₂ /Cysteinyl Leukotriene-Binding Protein from the Saliva of a Mosquito Vector of the Malaria Parasite. <i>PLoS Biology</i> , 2010, 8, e1000547.	5.6	62
132	A novel family of RGD-containing disintegrins (Tablysin-15) from the salivary gland of the horsefly <i>Tabanus yao</i> targets α IIb β 3 or α V β 3 and inhibits platelet aggregation and angiogenesis. <i>Thrombosis and Haemostasis</i> , 2011, 105, 1032-1045.	3.4	62
133	An insight into the sialotranscriptome and proteome of the coarse bontlegged tick, <i>Hyalomma marginatum rufipes</i> . <i>Journal of Proteomics</i> , 2011, 74, 2892-2908.	2.4	62
134	Alboserpin, a Factor Xa Inhibitor from the Mosquito Vector of Yellow Fever, Binds Heparin and Membrane Phospholipids and Exhibits Antithrombotic Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 27998-28010.	3.4	62
135	Lufaxin, a Novel Factor Xa Inhibitor From the Salivary Gland of the Sand Fly <i>Lutzomyia longipalpis</i> Blocks Protease-Activated Receptor 2 Activation and Inhibits Inflammation and Thrombosis In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2185-2198.	2.4	62
136	Antithrombotic properties of Ixolaris, a potent inhibitor of the extrinsic pathway of the coagulation cascade. <i>Thrombosis and Haemostasis</i> , 2006, 96, 7-13.	3.4	60
137	Cutinase-like proteins of <i>Mycobacterium tuberculosis</i> : characterization of their variable enzymatic functions and active site identification. <i>FASEB Journal</i> , 2009, 23, 1694-1704.	0.5	60
138	The expression of genes coding for distinct types of glycine-rich proteins varies according to the biology of three metastriate ticks, <i>Rhipicephalus (Boophilus) microplus</i> , <i>Rhipicephalus sanguineus</i> and <i>Amblyomma cajennense</i> . <i>BMC Genomics</i> , 2010, 11, 363.	2.8	60
139	Functional Transcriptomics of Wild-Caught <i>Lutzomyia intermedia</i> Salivary Glands: Identification of a Protective Salivary Protein against <i>Leishmania braziliensis</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2242.	3.0	60
140	Characterisation of divergent flavivirus NS3 and NS5 protein sequences detected in <i>Rhipicephalus microplus</i> ticks from Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 38-50.	1.6	59
141	Anopheline salivary protein genes and gene families: an evolutionary overview after the whole genome sequence of sixteen <i>Anopheles</i> species. <i>BMC Genomics</i> , 2017, 18, 153.	2.8	59
142	Updating the Salivary Gland Transcriptome of <i>Phlebotomus papatasi</i> (Tunisian Strain): The Search for Sand Fly-Secreted Immunogenic Proteins for Humans. <i>PLoS ONE</i> , 2012, 7, e47347.	2.5	59
143	Platelet antiaggregating activity in the salivary secretion of the blood sucking bug <i>Rhodnius prolixus</i> . <i>Experientia</i> , 1981, 37, 384-386.	1.2	57
144	Salivary Vasodilators of <i>Aedes triseriatus</i> and <i>Anopheles gambiae</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 1994, 31, 747-753.	1.8	56

#	ARTICLE	IF	CITATIONS
145	Transcriptome analysis of Anopheles stephensi-Plasmodium berghei interactions. Molecular and Biochemical Parasitology, 2005, 142, 76-87.	1.1	56
146	Platelet release reaction and aggregation induced by canatoxin, a convulsant protein: evidence for the involvement of the platelet lipooxygenase pathway. British Journal of Pharmacology, 1985, 84, 551-560.	5.4	55
147	Nitrophorin-2: A Novel Mixed-Type Reversible Specific Inhibitor of the Intrinsic Factor-X Activating Complex. Biochemistry, 1998, 37, 10681-10690.	2.5	55
148	Biochemical and Functional Characterization of Recombinant <i>Rhodnius prolixus</i> Platelet Aggregation Inhibitor 1 as a Novel Lipocalin with High Affinity for Adenosine Diphosphate and Other Adenine Nucleotides. Biochemistry, 2002, 41, 3810-3818.	2.5	55
149	Aedes aegypti: Model for blood finding strategy and prediction of parasite manipulation. Experimental Parasitology, 1985, 60, 118-132.	1.2	54
150	Cloning and characterization of trypsin- and chymotrypsin-like proteases from the midgut of the sand fly vector Phlebotomus papatasi. Insect Biochemistry and Molecular Biology, 2003, 33, 163-171.	2.7	54
151	Structure of Protein Having Inhibitory Disintegrin and Leukotriene Scavenging Functions Contained in Single Domain. Journal of Biological Chemistry, 2012, 287, 10967-10976.	3.4	53
152	Comparative Analysis of Salivary Gland Transcriptomes of Phlebotomus orientalis Sand Flies from Endemic and Non-endemic Foci of Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2014, 8, e2709.	3.0	53
153	How much pilocarpine contaminates pilocarpine-induced tick saliva?. Medical and Veterinary Entomology, 2004, 18, 20-24.	1.5	52
154	The Anopheles gambiae salivary protein gSG6: An anopheline-specific protein with a blood-feeding role. Insect Biochemistry and Molecular Biology, 2009, 39, 457-466.	2.7	52
155	The sialotranscriptome of Antricola delacruzi female ticks is compatible with non-hematophagous behavior and an alternative source of food. Insect Biochemistry and Molecular Biology, 2012, 42, 332-342.	2.7	52
156	Desmolaris, a novel factor XIa anticoagulant from the salivary gland of the vampire bat (Desmodus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	52
157	A novel secreted endonuclease from Culex quinquefasciatus salivary glands. Journal of Experimental Biology, 2006, 209, 2651-2659.	1.7	51
158	Rhodnius prolixus: Salivary Antihemostatic Components Decrease with Trypanosoma rangeli Infection. Experimental Parasitology, 1994, 78, 287-293.	1.2	50
159	cDNA sequences reveal considerable gene prediction inaccuracy in the Plasmodium falciparum genome. BMC Genomics, 2007, 8, 255.	2.8	50
160	Insight into the Sialome of the Black Fly, Simulium vittatum. Journal of Proteome Research, 2009, 8, 1474-1488.	3.7	49
161	Transcriptome and gene expression profile of ovarian follicle tissue of the triatomine bug Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2011, 41, 823-831.	2.7	49
162	Collagen-binding protein, Aegyptin, regulates probing time and blood feeding success in the dengue vector mosquito, <i>Aedes aegypti</i>. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6946-6951.	7.1	49

#	ARTICLE	IF	CITATIONS
163	Midgut glycosidases of <i>Rhodnius prolixus</i> . <i>Insect Biochemistry</i> , 1984, 14, 103-108.	1.8	48
164	Gene Discovery in <i>Boophilus microplus</i> , the Cattle Tick: The Transcriptomes of Ovaries, Salivary Glands, and Hemocytes. <i>Annals of the New York Academy of Sciences</i> , 2004, 1026, 242-246.	3.8	48
165	A mosquito hemolymph odorant-binding protein family member specifically binds juvenile hormone. <i>Journal of Biological Chemistry</i> , 2017, 292, 15329-15339.	3.4	48
166	The distribution of hatching time in <i>Anopheles gambiae</i> . <i>Malaria Journal</i> , 2006, 5, 19.	2.3	47
167	dCAS: a desktop application for cDNA sequence annotation. <i>Bioinformatics</i> , 2009, 25, 1195-1196.	4.1	47
168	Molecular Diversity between Salivary Proteins from New World and Old World Sand Flies with Emphasis on <i>Bichromomyia olmeca</i> , the Sand Fly Vector of <i>Leishmania mexicana</i> in Mesoamerica. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004771.	3.0	47
169	A Novel Highly Divergent Protein Family Identified from a Viviparous Insect by RNA-seq Analysis: A Potential Target for Tsetse Fly-Specific Abortifacients. <i>PLoS Genetics</i> , 2014, 10, e1003874.	3.5	46
170	Mining a differential sialotranscriptome of <i>Rhipicephalus microplus</i> guides antigen discovery to formulate a vaccine that reduces tick infestations. <i>Parasites and Vectors</i> , 2017, 10, 206.	2.5	46
171	AnoXcel: an <i>Anopheles gambiae</i> protein database. <i>Insect Molecular Biology</i> , 2004, 13, 449-457.	2.0	45
172	The sialotranscriptome of adult male <i>Anopheles gambiae</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 570-575.	2.7	45
173	Stage-Specific Transcriptome and Proteome Analyses of the Filarial Parasite <i>Onchocerca volvulus</i> and Its <i>Wolbachia</i> Endosymbiont. <i>MBio</i> , 2016, 7, .	4.1	45
174	Effect of ATP analogues on the gorging response of <i>Aedes aegypti</i> . <i>Physiological Entomology</i> , 1985, 10, 275-281.	1.5	43
175	<i>Simulium vittatum</i> (Diptera: Simuliidae) and <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae) Salivary Gland Hyaluronidase Activity. <i>Journal of Medical Entomology</i> , 2000, 37, 743-747.	1.8	42
176	Aegyptin displays high affinity for the von Willebrand factor binding site (RGQOGVMGF) in collagen and inhibits carotid thrombus formation <i>in vivo</i> . <i>FEBS Journal</i> , 2010, 277, 413-427.	4.7	42
177	Insight into the Salivary Transcriptome and Proteome of <i>Dipetalogaster maxima</i> . <i>Journal of Proteome Research</i> , 2011, 10, 669-679.	3.7	42
178	Differential Distribution of Immature <i>Ixodes dammini</i> (Acari: Ixodidae) on Rodent Hosts. <i>Journal of Parasitology</i> , 1989, 75, 898.	0.7	41
179	Transcriptional analysis of <i>in vivo</i> <i>Plasmodium yoelii</i> liver stage gene expression. <i>Molecular and Biochemical Parasitology</i> , 2005, 142, 177-183.	1.1	41
180	Genetic exchange in 2La inversion heterokaryotypes of <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , 2007, 16, 703-709.	2.0	41

#	ARTICLE	IF	CITATIONS
181	Molecular Evolution of Immune Genes in the Malaria Mosquito <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2009, 4, e4549.	2.5	41
182	TickSialoFam (TSFam): A Database That Helps to Classify Tick Salivary Proteins, a Review on Tick Salivary Protein Function and Evolution, With Considerations on the Tick Sialome Switching Phenomenon. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 374.	3.9	41
183	Dipetalodipin, a Novel Multifunctional Salivary Lipocalin That Inhibits Platelet Aggregation, Vasoconstriction, and Angiogenesis through Unique Binding Specificity for TXA ₂ , PGF ₂ ±, and 15(S)-HETE. <i>Journal of Biological Chemistry</i> , 2010, 285, 39001-39012.	3.4	40
184	Transcriptional Profiles of Mating-Responsive Genes from Testes and Male Accessory Glands of the Mediterranean Fruit Fly, <i>Ceratitis capitata</i> . <i>PLoS ONE</i> , 2012, 7, e46812.	2.5	40
185	The “Vampirome” Transcriptome and proteome analysis of the principal and accessory submaxillary glands of the vampire bat <i>Desmodus rotundus</i> , a vector of human rabies. <i>Journal of Proteomics</i> , 2013, 82, 288-319.	2.4	40
186	SALO, a novel classical pathway complement inhibitor from saliva of the sand fly <i>Lutzomyia longipalpis</i> . <i>Scientific Reports</i> , 2016, 6, 19300.	3.3	40
187	Human CD117 (cKit)+ Innate Lymphoid Cells Have a Discrete Transcriptional Profile at Homeostasis and Are Expanded during Filarial Infection. <i>PLoS ONE</i> , 2014, 9, e108649.	2.5	40
188	An insight into the sialome of <i>Hyalomma excavatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 201-207.	2.7	39
189	Disintegrins from Hematophagous Sources. <i>Toxins</i> , 2012, 4, 296-322.	3.4	38
190	An Insight into the Sialotranscriptome of <i>Triatoma matogrossensis</i> , a Kissing Bug Associated with Fogo Selvagem in South America. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 1005-1014.	1.4	38
191	An Updated Insight into the Sialotranscriptome of <i>Triatoma infestans</i> : Developmental Stage and Geographic Variations. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3372.	3.0	38
192	Tick Genome Assembled: New Opportunities for Research on Tick-Host-Pathogen Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 103.	3.9	38
193	Ticks, <i>Ixodes scapularis</i> , Feed Repeatedly on White-Footed Mice despite Strong Inflammatory Response: An Expanding Paradigm for Understanding Tick-Host Interactions. <i>Frontiers in Immunology</i> , 2017, 8, 1784.	4.8	38
194	Salivary amylase activity of the phlebotomine sand fly, <i>Lutzomyia longipalpis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 271-277.	2.7	37
195	In depth annotation of the <i>Anopheles gambiae</i> mosquito midgut transcriptome. <i>BMC Genomics</i> , 2014, 15, 636.	2.8	37
196	Vasodilative Activity in Black Fly Salivary Glands. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994, 50, 241-246.	1.4	37
197	NEGATIVE EFFECT OF ANTIBODIES AGAINST MAXADILAN ON THE FITNESS OF THE SAND FLY VECTOR OF AMERICAN VISCERAL LEISHMANIASIS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 278-285.	1.4	37
198	An Insight into the Sialotranscriptome of <i>Simulium nigritanum</i> , a Black Fly Associated with Fogo Selvagem in South America. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 1060-1075.	1.4	36

#	ARTICLE	IF	CITATIONS
199	Novel Family of Insect Salivary Inhibitors Blocks Contact Pathway Activation by Binding to Polyphosphate, Heparin, and Dextran Sulfate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2759-2770.	2.4	36
200	The antiserotonin and antihistamine activities of salivary secretion of <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 1982, 28, 69-75.	2.0	35
201	A Novel Inhibitor of Factor X Activation from the Salivary Glands of the Bed Bug <i>Cimex lectularius</i> . <i>Experimental Parasitology</i> , 1996, 83, 184-190.	1.2	35
202	Immunogenic Salivary Proteins of <i>Triatoma infestans</i> : Development of a Recombinant Antigen for the Detection of Low-Level Infestation of Triatomines. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e532.	3.0	35
203	Identification and Mechanistic Analysis of a Novel Tick-Derived Inhibitor of Thrombin. <i>PLoS ONE</i> , 2015, 10, e0133991.	2.5	35
204	A draft genome sequence of an invasive mosquito: an Italian <i>Aedes albopictus</i> . <i>Pathogens and Global Health</i> , 2015, 109, 207-220.	2.3	35
205	Phlebotomine salivas inhibit immune inflammation-induced neutrophil migration via an autocrine DC-derived PGE2/IL-10 sequential pathway. <i>Journal of Leukocyte Biology</i> , 2008, 84, 104-114.	3.3	34
206	An Insight into the Sialotranscriptome of the Cat Flea, <i>Ctenocephalides felis</i> . <i>PLoS ONE</i> , 2012, 7, e44612.	2.5	34
207	A deep insight into the sialotranscriptome of the mosquito, <i>Psorophora albipes</i> . <i>BMC Genomics</i> , 2013, 14, 875.	2.8	34
208	An insight into the sialome of the frog biting fly, <i>Corethrella appendiculata</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 44, 23-32.	2.7	34
209	Tempol, an Intracellular Antioxidant, Inhibits Tissue Factor Expression, Attenuates Dendritic Cell Function, and Is Partially Protective in a Murine Model of Cerebral Malaria. <i>PLoS ONE</i> , 2014, 9, e87140.	2.5	34
210	The Dance of Male <i>Anopheles gambiae</i> in Wild Mating Swarms. <i>Journal of Medical Entomology</i> , 2013, 50, 552-559.	1.8	32
211	An insight into the transcriptome and proteome of the salivary gland of the stable fly, <i>Stomoxys calcitrans</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 607-614.	2.7	31
212	<i>Plasmodium falciparum</i> Infection Induces Expression of a Mosquito Salivary Protein (Agaphelin) That Targets Neutrophil Function and Inhibits Thrombosis without Impairing Hemostasis. <i>PLoS Pathogens</i> , 2014, 10, e1004338.	4.7	31
213	The invertebrate growth factor/CECR1 subfamily of adenosine deaminase proteins. <i>Gene</i> , 2001, 267, 13-22.	2.2	30
214	Purification and characterization of a novel salivary antimicrobial peptide from the tick, <i>Ixodes scapularis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 511-515.	2.1	30
215	Knockdown of Selenocysteine-Specific Elongation Factor in <i>Amblyomma maculatum</i> Alters the Pathogen Burden of <i>Rickettsia parkeri</i> with Epigenetic Control by the Sin3 Histone Deacetylase Corepressor Complex. <i>PLoS ONE</i> , 2013, 8, e82012.	2.5	30
216	Positive selection drives accelerated evolution of mosquito salivary genes associated with blood feeding. <i>Insect Molecular Biology</i> , 2014, 23, 122-131.	2.0	30

#	ARTICLE	IF	CITATIONS
217	A Deep Insight Into the Sialotranscriptome of the Chagas Disease Vector, <i>Panstrongylus megistus</i> (Hemiptera: Heteroptera). <i>Journal of Medical Entomology</i> , 2015, 52, 351-358.	1.8	30
218	In Vitro Mode of Action and Anti-thrombotic Activity of Boophilin, a Multifunctional Kunitz Protease Inhibitor from the Midgut of a Tick Vector of Babesiosis, <i>Rhipicephalus microplus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004298.	3.0	30
219	Deciphering the olfactory repertoire of the tiger mosquito <i>Aedes albopictus</i> . <i>BMC Genomics</i> , 2017, 18, 770.	2.8	30
220	Immunity to LuloHya and Lundep, the salivary spreading factors from <i>Lutzomyia longipalpis</i> , protects against <i>Leishmania major</i> infection. <i>PLoS Pathogens</i> , 2018, 14, e1007006.	4.7	30
221	Anti-thromboxane activity in <i>Rhodnius prolixus</i> salivary secretion. <i>Journal of Insect Physiology</i> , 1982, 28, 655-660.	2.0	29
222	Borreliacidal activity of saliva of the tick <i>Amblyomma americanum</i> . <i>Medical and Veterinary Entomology</i> , 2005, 19, 90-95.	1.5	29
223	An insight into the sialotranscriptome of the seed-feeding bug, <i>Oncopeltus fasciatus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 903-910.	2.7	29
224	The salivary transcriptome of <i>Anopheles gambiae</i> (Diptera: Culicidae) larvae: A microarray-based analysis. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 382-394.	2.7	29
225	<i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> : Clotting time in tick-infested skin varies according to local inflammation and gene expression patterns in tick salivary glands. <i>Experimental Parasitology</i> , 2010, 124, 428-435.	1.2	29
226	An Insight Into the Sialotranscriptome of <i>Triatoma rubida</i> (Hemiptera: Heteroptera). <i>Journal of Medical Entomology</i> , 2012, 49, 563-572.	1.8	29
227	Defibrotide Interferes With Several Steps of the Coagulation-Inflammation Cycle and Exhibits Therapeutic Potential to Treat Severe Malaria. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 786-798.	2.4	29
228	Deep Sequencing Analysis of the <i>Ixodes ricinus</i> Haemocytome. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003754.	3.0	29
229	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008, 26, 3853-3859.	3.8	27
230	Population Size and Migration of <i>Anopheles gambiae</i> in the Bancoumana Region of Mali and Their Significance for Efficient Vector Control. <i>PLoS ONE</i> , 2010, 5, e10270.	2.5	27
231	The Midgut Hemolysin of <i>Ixodes dammini</i> (Acari: Ixodidae). <i>Journal of Parasitology</i> , 1988, 74, 532.	0.7	26
232	Nucleosides from <i>Phlebotomus papatasi</i> Salivary Gland Ameliorate Murine Collagen-Induced Arthritis by Impairing Dendritic Cell Functions. <i>Journal of Immunology</i> , 2011, 187, 4347-4359.	0.8	26
233	Placental malaria vaccine candidate antigen VAR2CSA displays atypical domain architecture in some <i>Plasmodium falciparum</i> strains. <i>Communications Biology</i> , 2019, 2, 457.	4.4	26
234	Monitoring of larval habitats and mosquito densities in the Sudan savanna of Mali: implications for malaria vector control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 82-8.	1.4	26

#	ARTICLE	IF	CITATIONS
235	Antifeedant activity of precocenes and analogs on <i>Rhodnius prolixus</i> . <i>Experientia</i> , 1982, 38, 1054-1055.	1.2	25
236	A Secreted Salivary Inositol Polyphosphate 5-Phosphatase from a Blood-Feeding Insect: Allosteric Activation by Soluble Phosphoinositides and Phosphatidylserine. <i>Biochemistry</i> , 2006, 45, 5450-5457.	2.5	25
237	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.	2.4	25
238	A Deep Insight into the Sialome of <i>Rhodnius neglectus</i> , a Vector of Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004581.	3.0	25
239	Losing identity: structural diversity of transposable elements belonging to different classes in the genome of <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2012, 13, 272.	2.8	24
240	Ixonnexin from Tick Saliva Promotes Fibrinolysis by Interacting with Plasminogen and Tissue-Type Plasminogen Activator, and Prevents Arterial Thrombosis. <i>Scientific Reports</i> , 2018, 8, 4806.	3.3	24
241	Structural Determinants of Factor IX(a) Binding in Nitrophorin 2, a Lipocalin Inhibitor of the Intrinsic Coagulation Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 25022-25028.	3.4	23
242	The Distinct Transcriptional Response of the Midgut of <i>Amblyomma sculptum</i> and <i>Amblyomma aureolatum</i> Ticks to <i>Rickettsia rickettsii</i> Correlates to Their Differences in Susceptibility to Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 129.	3.9	23
243	A deep insight into the male and female sialotranscriptome of adult <i>Culex tarsalis</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 95, 1-9.	2.7	23
244	A physiologic overview of the organ-specific transcriptome of the cattle tick <i>Rhipicephalus microplus</i> . <i>Scientific Reports</i> , 2020, 10, 18296.	3.3	23
245	A mosquito juvenile hormone binding protein (mJHBP) regulates the activation of innate immune defenses and hemocyte development. <i>PLoS Pathogens</i> , 2020, 16, e1008288.	4.7	23
246	Microarray-Based Analysis of Differential Gene Expression between Infective and Noninfective Larvae of <i>Strongyloides stercoralis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1039.	3.0	22
247	An insight into the sialotranscriptome and virome of Amazonian anophelines. <i>BMC Genomics</i> , 2019, 20, 166.	2.8	22
248	Glycoinositolphospholipids from Trypanosomatids Subvert Nitric Oxide Production in <i>Rhodnius prolixus</i> Salivary Glands. <i>PLoS ONE</i> , 2012, 7, e47285.	2.5	22
249	An insight into the sialotranscriptome of the non-blood feeding <i>Toxorhynchites amboinensis</i> mosquito. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 499-507.	2.7	21
250	Triplatin, a platelet aggregation inhibitor from the salivary gland of the triatomine vector of Chagas disease, binds to TXA2 but does not interact with glycoprotein PVI. <i>Thrombosis and Haemostasis</i> , 2012, 107, 111-123.	3.4	21
251	Functional and structural similarities of D7 proteins in the independently-evolved salivary secretions of sand flies and mosquitoes. <i>Scientific Reports</i> , 2019, 9, 5340.	3.3	21
252	The salivary 5'-nucleotidase/phosphodiesterase of the hematophagous sand lutzomyia fly, <i>Lutzomyia longipalpis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 279-285.	2.7	20

#	ARTICLE	IF	CITATIONS
253	A survey of <i>Leishmania braziliensis</i> genome by shotgun sequencing. <i>Molecular and Biochemical Parasitology</i> , 2004, 137, 81-86.	1.1	20
254	The <i>Anopheles gambiae</i> cE5, a tight- and fast-binding thrombin inhibitor with post-transcriptionally regulated salivary-restricted expression. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 610-620.	2.7	20
255	Structure and ligand-binding properties of the biogenic amine-binding protein from the saliva of a blood-feeding insect vector of <i>Trypanosoma cruzi</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 105-113.	2.5	20
256	Evidence for a Lectin Specific for Sulfated Glycans in the Salivary Gland of the Malaria Vector, <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2014, 9, e107295.	2.5	20
257	An insight into the sialome of <i>Simulium guianense</i> (DIPTERA:SIMULIIDAE), the main vector of River Blindness Disease in Brazil. <i>BMC Genomics</i> , 2011, 12, 612.	2.8	19
258	Novel transposable elements from <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2011, 12, 260.	2.8	19
259	Transcriptome exploration of the sex pheromone gland of <i>Lutzomyia longipalpis</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.5	19
260	The Sand Fly Salivary Protein Lufaxin Inhibits the Early Steps of the Alternative Pathway of Complement by Direct Binding to the Proconvertase C3b-B. <i>Frontiers in Immunology</i> , 2017, 8, 1065.	4.8	19
261	Comparative Characterization of the Sindbis Virus Proteome from Mammalian and Invertebrate Hosts Identifies nsP2 as a Component of the Virion and Sorting Nexin 5 as a Significant Host Factor for Alphavirus Replication. <i>Journal of Virology</i> , 2018, 92, .	3.4	19
262	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021, 19, 41.	3.8	19
263	Structural Differences between Human Proteins and Aero- and Microbial Allergens Define Allergenicity. <i>PLoS ONE</i> , 2012, 7, e40552.	2.5	19
264	Effect of salivary gland extract of <i>Leishmania</i> vector, <i>Lutzomyia longipalpis</i> , on leukocyte migration in OVA-induced immune peritonitis. <i>European Journal of Immunology</i> , 2005, 35, 2424-2433.	2.9	18
265	<i>Anopheles gambiae</i> genome reannotation through synthesis of ab initio and comparative gene prediction algorithms. <i>Genome Biology</i> , 2006, 7, R24.	9.6	18
266	Molecular characterization of novel sulfotransferases from the tick, <i>Ixodes scapularis</i> . <i>BMC Biochemistry</i> , 2011, 12, 32.	4.4	18
267	Stereoscopic video analysis of <i>Anopheles gambiae</i> behavior in the field: Challenges and opportunities. <i>Acta Tropica</i> , 2014, 132, S80-S85.	2.0	18
268	An Inhibitor of the Alternative Pathway of Complement in Saliva of New World Anopheline Mosquitoes. <i>Journal of Immunology</i> , 2016, 197, 599-610.	0.8	18
269	The Transcriptome of the Salivary Glands of <i>Amblyomma aureolatum</i> Reveals the Antimicrobial Peptide Microplusin as an Important Factor for the Tick Protection Against <i>Rickettsia rickettsii</i> Infection. <i>Frontiers in Physiology</i> , 2019, 10, 529.	2.8	18
270	Negative effect of antibodies against maxadilan on the fitness of the sand fly vector of American visceral leishmaniasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 278-85.	1.4	18

#	ARTICLE	IF	CITATIONS
271	Leishmania amazonensis: Sensitivity of Different Promastigote Morphotypes to Salivary Gland Homogenates of the Sand Fly Lutzomyia longipalpis. Experimental Parasitology, 1995, 80, 167-175.	1.2	17
272	The Salivary Gland Transcriptome of the Eastern Tree Hole Mosquito, <i>Ochlerotatus triseriatus</i> . Journal of Medical Entomology, 2010, 47, 376-386.	1.8	17
273	The Pharmacopea within Triatomine Salivary Glands. Trends in Parasitology, 2020, 36, 250-265.	3.3	17
274	An insight into the salivary gland and fat body transcriptome of Panstrongylus lignarius (Hemiptera: Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5 e0006243.	3.0	17
275	Vector salivation and parasite transmission. Memorias Do Instituto Oswaldo Cruz, 1987, 82, 1-3.	1.6	17
276	Effects of ecdysone on the metamorphosis and ecdysis prevention induced by precocene II in Rhodnius prolixus. General and Comparative Endocrinology, 1981, 45, 100-104.	1.8	16
277	An Insight into the Sialomes of Bloodsucking Heteroptera. Psyche: Journal of Entomology, 2012, 2012, 1-16.	0.9	16
278	Expression of the mevalonate pathway enzymes in the Lutzomyia longipalpis (Diptera: Psychodidae) sex pheromone gland demonstrated by an integrated proteomic approach. Journal of Proteomics, 2014, 96, 117-132.	2.4	15
279	Nucleosides Present on Phlebotomine Saliva Induce Immunossuppression and Promote the Infection Establishment. PLoS Neglected Tropical Diseases, 2015, 9, e0003600.	3.0	15
280	An insight into the sialome, mialome and virome of the horn fly, Haematobia irritans. BMC Genomics, 2019, 20, 616.	2.8	15
281	The protein LJM 111 from Lutzomyia longipalpis Salivary Gland Extract (SGE) accounts for the SGE-inhibitory effects upon inflammatory parameters in experimental arthritis model. International Immunopharmacology, 2012, 12, 603-610.	3.8	14
282	The structure of hookworm platelet inhibitor (HPI), a CAP superfamily member from Ancylostoma caninum. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 643-649.	0.8	14
283	Comparative Analysis of the Global Transcriptome of Anopheles funestus from Mali, West Africa. PLoS ONE, 2009, 4, e7976.	2.5	13
284	Plasmodium falciparum: Nitric oxide modulates heme speciation in isolated food vacuoles. Experimental Parasitology, 2011, 127, 1-8.	1.2	13
285	The Salivary Gland Transcriptome of the Eastern Tree Hole Mosquito, <i>Ochlerotatus triseriatus</i> . Journal of Medical Entomology, 2010, 47, 376-386.	1.8	12
286	Simlagrin, a Platelet Aggregation Inhibitor from Simulium nigri-manum Salivary Glands Specifically Binds to the Von Willebrand Factor Receptor in Collagen and Inhibits Carotid Thrombus Formation In Vivo. PLoS Neglected Tropical Diseases, 2014, 8, e2947.	3.0	12
287	Purification of a serine protease and evidence for a protein C activator from the saliva of the tick, Ixodes scapularis. Toxicon, 2014, 77, 32-39.	1.6	12
288	Transposition burst of mariner-like elements in the sequenced genome of Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2016, 69, 14-24.	2.7	11

#	ARTICLE	IF	CITATIONS
289	Transcriptomic profiling of the digestive tract of the rat flea, <i>Xenopsylla cheopis</i> , following blood feeding and infection with <i>Yersinia pestis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008688.	3.0	11
290	THE TEMPO AND MODE OF EVOLUTION OF TRANSPOSABLE ELEMENTS AS REVEALED BY MOLECULAR PHYLOGENIES RECONSTRUCTED FROM MOSQUITO GENOMES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 3136-3146.	2.3	10
291	3D tracking of mating events in wild swarms of the malaria mosquito <i>Anopheles gambiae</i> . , 2011, 2011, 720-3.		10
292	<i>Rhodnius prolixus</i> salivary nitrophorins display heme-peroxidase activity. <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 1051-1057.	2.7	9
293	Transcriptome Sequencing and Developmental Regulation of Gene Expression in <i>Anopheles aquasalis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3005.	3.0	9
294	Structure and Function of FS50, a salivary protein from the flea <i>Xenopsylla cheopis</i> that blocks the sodium channel NaV1.5. <i>Scientific Reports</i> , 2016, 6, 36574.	3.3	9
295	The Central Role of Salivary Metalloproteases in Host Acquired Resistance to Tick Feeding. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 563349.	3.9	9
296	Tick-Borne Encephalitis Virus Infection Alters the Sialome of <i>Ixodes ricinus</i> Ticks During the Earliest Stages of Feeding. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 41.	3.9	9
297	An insight into the sialome of the horse fly, <i>Tabanus bromius</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 65, 83-90.	2.7	8
298	Structure and Ligand-Binding Mechanism of a Cysteinyll Leukotriene-Binding Protein from a Blood-Feeding Disease Vector. <i>ACS Chemical Biology</i> , 2016, 11, 1934-1944.	3.4	8
299	Identification of a substrate-like cleavage-resistant thrombin inhibitor from the saliva of the flea <i>Xenopsylla cheopis</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 101322.	3.4	8
300	POPULATION DYNAMICS OF TRANSPOSABLE ELEMENTS: COPY NUMBER REGULATION AND SPECIES INVASION REQUIREMENTS. <i>Journal of Biological Systems</i> , 2005, 13, 455-475.	1.4	7
301	Allelic Gene Structure Variations in <i>Anopheles gambiae</i> Mosquitoes. <i>PLoS ONE</i> , 2010, 5, e10699.	2.5	7
302	Molecular mechanisms underlying milk production and viviparity in the cockroach, <i>Diploptera punctata</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 120, 103333.	2.7	7
303	The structures of two salivary proteins from the West Nile vector <i>Culex quinquefasciatus</i> reveal a beta-trefoil fold with putative sugar binding properties. <i>Current Research in Structural Biology</i> , 2021, 3, 95-105.	2.2	7
304	Transposable elements in the <i>Anopheles funestus</i> transcriptome. <i>Genetica</i> , 2017, 145, 275-293.	1.1	6
305	Transcriptional variation of sensory-related genes in natural populations of <i>Aedes albopictus</i> . <i>BMC Genomics</i> , 2020, 21, 547.	2.8	6
306	Integrated analysis of the sialotranscriptome and sialoproteome of the rat flea <i>Xenopsylla cheopis</i> . <i>Journal of Proteomics</i> , 2022, 254, 104476.	2.4	6

#	ARTICLE	IF	CITATIONS
307	Leukocyte-deactivating factor from macrophages: Partial purification and biochemical characterization. A novel cytokine. <i>Journal of Cellular Physiology</i> , 1993, 157, 84-89.	4.1	5
308	<i>Plasmodium falciparum</i> : Generation of a cDNA Library Enriched in Sporozoite-Specific Transcripts by Directional Tag Subtractive Hybridization. <i>Experimental Parasitology</i> , 2000, 95, 220-225.	1.2	5
309	Proteomics Pipeline for Identifying Variant Proteins in <i>Plasmodium falciparum</i> Parasites Isolated from Children Presenting with Malaria. <i>Journal of Proteome Research</i> , 2019, 18, 3831-3839.	3.7	5
310	Mast Cells and Basophils: From Malevolent Design to Coevolutionary Arms Race. <i>Trends in Parasitology</i> , 2020, 36, 655-659.	3.3	5
311	Salivary complement inhibitors from mosquitoes: Structure and mechanism of action. <i>Journal of Biological Chemistry</i> , 2021, 296, 100083.	3.4	5
312	A deeper insight into the sialome of male and female <i>Ochlerotatus triseriatus</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 147, 103800.	2.7	5
313	Bugs, Blood, and Blisters. <i>Journal of Investigative Dermatology</i> , 2004, 123, xvi.	0.7	4
314	The sialotranscriptome of the gopher-tortoise tick, <i>Amblyomma tuberculatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101560.	2.7	4
315	Functional aspects of evolution in a cluster of salivary protein genes from mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 146, 103785.	2.7	4
316	AeMOPE-1, a Novel Salivary Peptide From <i>Aedes aegypti</i> , Selectively Modulates Activation of Murine Macrophages and Ameliorates Experimental Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 681671.	4.8	3
317	Insights Into <i>Onchocerca volvulus</i> Population Biology Through Multilocus Immunophenotyping. <i>Journal of Infectious Diseases</i> , 2017, 216, 736-743.	4.0	2
318	A Divergent Strain of <i>Culex pipiens</i> -Associated Tunisia Virus in the Malaria Vector <i>Anopheles epiroticus</i> . <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	2
319	RNA-sequencing of the <i>Nyssomyia neivai</i> sialome: a sand fly-vector from a Brazilian endemic area for tegumentary leishmaniasis and pemphigus foliaceus. <i>Scientific Reports</i> , 2020, 10, 17664.	3.3	2
320	Seasonal Climate Effects Anemotaxis in Newly Emerged Adult <i>Anopheles gambiae</i> Giles in Mali, West Africa. <i>PLoS ONE</i> , 2011, 6, e26910.	2.5	2
321	Examination of the Ligand-Binding and Enzymatic Properties of a Bilin-Binding Protein from the Poisonous Caterpillar <i>Lonomia obliqua</i> . <i>PLoS ONE</i> , 2014, 9, e95424.	2.5	1