

Jose Mc Ribeiro

List of Publications by Year in descending order

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102
papers

7,615
citations

26610

56
h-index

53190

85
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102
docs citations

102
times ranked

4699
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated analysis of the sialotranscriptome and sialoproteome of the rat flea <i>Xenopsylla cheopis</i> . <i>Journal of Proteomics</i> , 2022, 254, 104476.	1.2	6
2	Functional aspects of evolution in a cluster of salivary protein genes from mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 146, 103785.	1.2	4
3	The sialotranscriptome of the gopher-tortoise tick, <i>Amblyomma tuberculatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101560.	1.1	4
4	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.	1.1	7
5	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.	1.2	25
6	Molecular mechanisms underlying milk production and viviparity in the cockroach, <i>Diploptera punctata</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 120, 103333.	1.2	7
7	The Pharmacopea within Triatomine Salivary Glands. <i>Trends in Parasitology</i> , 2020, 36, 250-265.	1.5	17
8	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.	1.2	23
9	Saliva of hematophagous insects: a multifaceted toolkit. <i>Current Opinion in Insect Science</i> , 2018, 29, 102-109.	2.2	52
10	An insight into the sialome of <i>Hyalomma excavatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 201-207.	1.1	39
11	A mosquito hemolymph odorant-binding protein family member specifically binds juvenile hormone. <i>Journal of Biological Chemistry</i> , 2017, 292, 15329-15339.	1.6	48
12	Salivary Kratagonists. , 2017, , 51-63.		18
13	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.	1.6	8
14	Sexual differences in the sialomes of the zebra tick, <i>Rhipicephalus pulchellus</i> . <i>Journal of Proteomics</i> , 2015, 117, 120-144.	1.2	67
15	An insight into the sialome of the horse fly, <i>Tabanus bromius</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 65, 83-90.	1.2	8
16	Purification of a serine protease and evidence for a protein C activator from the saliva of the tick, <i>Ixodes scapularis</i> . <i>Toxicon</i> , 2014, 77, 32-39.	0.8	12
17	Expression of the mevalonate pathway enzymes in the <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae) sex pheromone gland demonstrated by an integrated proteomic approach. <i>Journal of Proteomics</i> , 2014, 96, 117-132.	1.2	15
18	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.	1.2	34

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19	A Systems Level Analysis Reveals Transcriptomic and Proteomic Complexity in Ixodes Ricinus Midgut and Salivary Glands During Early Attachment and Feeding. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2725-2735.	2.5	73
20	In depth annotation of the Anopheles gambiae mosquito midgut transcriptome. <i>BMC Genomics</i> , 2014, 15, 636.	1.2	37
21	Transcriptome exploration of the sex pheromone gland of Lutzomyia longipalpis (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.0	19
22	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.	1.1	36
23	A deep insight into the sialotranscriptome of the mosquito, Psorophora albipes. <i>BMC Genomics</i> , 2013, 14, 875.	1.2	34
24	The "Vampirome" Transcriptome and proteome analysis of the principal and accessory submaxillary glands of the vampire bat Desmodus rotundus, a vector of human rabies. <i>Journal of Proteomics</i> , 2013, 82, 288-319.	1.2	40
25	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.	1.6	76
26	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.	1.1	62
27	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.	1.1	29
28	Differential salivary gland transcript expression profile in Ixodes scapularis nymphs upon feeding or flavivirus infection. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 18-26.	1.1	72
29	The Anopheles gambiae 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.	1.2	20
30	Structure of Protein Having Inhibitory Disintegrin and Leukotriene Scavenging Functions Contained in Single Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 10967-10976.	1.6	53
31	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.	1.8	21
32	Transcriptome and gene expression profile of ovarian follicle tissue of the triatomine bug Rhodnius prolixus. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 823-831.	1.2	49
33	An insight into the sialotranscriptome and proteome of the coarse bontlegged tick, Hyalomma marginatum rufipes. <i>Journal of Proteomics</i> , 2011, 74, 2892-2908.	1.2	62
34	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.	1.6	62
35	An insight into the sialome of Simulium guianense (DIPTERA:SIMULIIDAE), the main vector of River Blindness Disease in Brazil. <i>BMC Genomics</i> , 2011, 12, 612.	1.2	19
36	Molecular characterization of novel sulfotransferases from the tick, Ixodes scapularis. <i>BMC Biochemistry</i> , 2011, 12, 32.	4.4	18

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37	A further insight into the sialome of the tropical bont tick, <i>Amblyomma variegatum</i> . BMC Genomics, 2011, 12, 136.	1.2	81
38	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. Journal of Biological Chemistry, 2011, 286, 32383-32393.	1.6	102
39	Deconstructing Tick Saliva. Journal of Biological Chemistry, 2011, 286, 10960-10969.	1.6	117
40	Transcriptome analysis of reproductive tissue and intrauterine developmental stages of the tsetse fly (<i>Glossina morsitans morsitans</i>). BMC Genomics, 2010, 11, 160.	1.2	23
41	An insight into the sialome of <i>Glossina morsitans morsitans</i> . BMC Genomics, 2010, 11, 213.	1.2	76
42	An insight into the sialotranscriptome of the brown dog tick, <i>Rhipicephalus sanguineus</i> . BMC Genomics, 2010, 11, 450.	1.2	91
43	An insight into the sialotranscriptome of the West Nile mosquito vector, <i>Culex tarsalis</i> . BMC Genomics, 2010, 11, 51.	1.2	37
44	Dipetalodipin, a Novel Multifunctional Salivary Lipocalin That Inhibits Platelet Aggregation, Vasoconstriction, and Angiogenesis through Unique Binding Specificity for TXA ₂ , PGF ₂ I±, and 15(S)-HETE. Journal of Biological Chemistry, 2010, 285, 39001-39012.	1.6	40
45	An insight into the sialome of blood-feeding Nematocera. Insect Biochemistry and Molecular Biology, 2010, 40, 767-784.	1.2	156
46	Chapter 2 From Sialomes to the Sialoverse. Advances in Insect Physiology, 2009, , 59-118.	1.1	97
47	The salivary gland transcriptome of the neotropical malaria vector <i>Anopheles darlingi</i> reveals accelerated evolution of genes relevant to hematophagy. BMC Genomics, 2009, 10, 57.	1.2	71
48	The <i>Anopheles gambiae</i> salivary protein gSG6: An anopheline-specific protein with a blood-feeding role. Insect Biochemistry and Molecular Biology, 2009, 39, 457-466.	1.2	52
49	An insight into the transcriptome and proteome of the salivary gland of the stable fly, <i>Stomoxys calcitrans</i> . Insect Biochemistry and Molecular Biology, 2009, 39, 607-614.	1.2	31
50	An insight into the salivary transcriptome and proteome of the soft tick and vector of epizootic bovine abortion, <i>Ornithodoros coriaceus</i> . Journal of Proteomics, 2008, 71, 493-512.	1.2	84
51	Characterization of anti-hemostatic factors in the argasid, <i>Argas monolakensis</i> : Implications for the evolution of blood-feeding in the soft tick family. Insect Biochemistry and Molecular Biology, 2008, 38, 22-41.	1.2	68
52	Comparative sialomics between hard and soft ticks: Implications for the evolution of blood-feeding behavior. Insect Biochemistry and Molecular Biology, 2008, 38, 42-58.	1.2	144
53	An insight into the sialome of the soft tick, <i>Ornithodoros parkeri</i> . Insect Biochemistry and Molecular Biology, 2008, 38, 1-21.	1.2	105
54	An insight into the sialome of the blood-sucking bug <i>Triatoma infestans</i> , a vector of Chagas's™ disease. Insect Biochemistry and Molecular Biology, 2008, 38, 213-232.	1.2	114

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55	A novel clade of cysteinyl leukotriene scavengers in soft ticks. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 862-870.	1.2	63
56	Function, mechanism and evolution of the moubatin-clade of soft tick lipocalins. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 841-852.	1.2	103
57	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008, 26, 3853-3859.	1.7	27
58	Structure, Function, and Evolution of Biogenic Amine-binding Proteins in Soft Ticks. <i>Journal of Biological Chemistry</i> , 2008, 283, 18721-18733.	1.6	92
59	An insight into the sialome of the oriental rat flea, <i>Xenopsylla cheopis</i> (Rots). <i>BMC Genomics</i> , 2007, 8, 102.	1.2	70
60	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.	1.6	111
61	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.	1.6	95
62	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.	1.6	88
63	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.	1.2	119
64	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.	1.2	101
65	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.	1.2	29
66	cDNA sequences reveal considerable gene prediction inaccuracy in the <i>Plasmodium falciparum</i> genome. <i>BMC Genomics</i> , 2007, 8, 255.	1.2	50
67	An annotated catalogue of salivary gland transcripts in the adult female mosquito, <i>Aedes aegypti</i> *. <i>BMC Genomics</i> , 2007, 8, 6.	1.2	219
68	An annotated catalog of salivary gland transcripts from <i>Ixodes scapularis</i> ticks. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 111-129.	1.2	340
69	The sialotranscriptome of adult male <i>Anopheles gambiae</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 570-575.	1.2	45
70	Function and Evolution of a Mosquito Salivary Protein Family. <i>Journal of Biological Chemistry</i> , 2006, 281, 1935-1942.	1.6	222
71	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.	1.6	193
72	Transcriptome analysis of <i>Anopheles stephensi</i> - <i>Plasmodium berghei</i> interactions. <i>Molecular and Biochemical Parasitology</i> , 2005, 142, 76-87.	0.5	56

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73	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.	0.6	95
74	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.	1.6	23
75	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.	1.2	142
76	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.	1.0	84
77	Analysis of the Plasmodium and Anopheles Transcriptional Repertoire during Ookinete Development and Midgut Invasion. <i>Journal of Biological Chemistry</i> , 2004, 279, 5573-5580.	1.6	83
78	Analysis of the Plasmodium and Anopheles Transcriptomes during Oocyst Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 5581-5587.	1.6	68
79	Bugs, Blood, and Blisters. <i>Journal of Investigative Dermatology</i> , 2004, 123, xvi.	0.3	4
80	<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.	1.0	109
81	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.	1.2	149
82	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.	1.0	153
83	The salivary purine nucleosidase of the mosquito, <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 13-22.	1.2	67
84	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.	1.2	181
85	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.	1.2	70
86	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.	1.6	80
87	The invertebrate growth factor/CECR1 subfamily of adenosine deaminase proteins. <i>Gene</i> , 2001, 267, 13-22.	1.0	30
88	Toward a Defined Anti-Leishmania Vaccine Targeting Vector Antigens. <i>Journal of Experimental Medicine</i> , 2001, 194, 331-342.	4.2	359
89	The Salivary Adenosine Deaminase from the Sand Fly <i>Lutzomyia longipalpis</i> . <i>Experimental Parasitology</i> , 2000, 95, 45-53.	0.5	64
90	Purification, Cloning, and Expression of a Novel Salivary Anticomplement Protein from the Tick, <i>Ixodes scapularis</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 18717-18723.	1.6	222

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91	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.	1.6	104
92	Salivary amylase activity of the phlebotomine sand fly, <i>Lutzomyia longipalpis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 271-277.	1.2	37
93	The salivary 5'-nucleotidase/phosphodiesterase of the hematophagus sand lutzomyia fly, <i>Lutzomyia longipalpis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 279-285.	1.2	20
94	<i>Ixodes scapularis</i> : Salivary Kininase Activity Is a Metallo Dipeptidyl Carboxypeptidase. <i>Experimental Parasitology</i> , 1998, 89, 213-221.	0.5	102
95	<i>Rhodnius prolixus</i> salivary nitrophorins display heme-peroxidase activity. <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 1051-1057.	1.2	9
96	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.	1.6	130
97	A Heme-binding Protein from Hemolymph and Oocytes of the Blood-sucking Insect, <i>Rhodnius prolixus</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 10897-10901.	1.6	82
98	Purification, Partial Characterization, and Cloning of Nitric Oxide-carrying Heme Proteins (Nitrophorins) from Salivary Glands of the Blood-sucking Insect <i>Rhodnius prolixus</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 8691-8695.	1.6	158
99	Antioxidant Role of <i>Rhodnius prolixus</i> Heme-binding Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 10893-10896.	1.6	94
100	Nitric oxide synthase activity from a hematophagous insect salivary gland. <i>FEBS Letters</i> , 1993, 330, 165-168.	1.3	79
101	A salivary vasodilator in the blood-sucking bug, <i>Rhodnius prolixus</i> . <i>British Journal of Pharmacology</i> , 1990, 101, 932-936.	2.7	52
102	Salivary apyrase of <i>Aedes Aegypti</i> : Characterization and secretory fate. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1984, 79, 81-86.	0.2	77