

# 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  
g-index

102  
all docs

102  
docs citations

102  
times ranked

4699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Defined Anti-Leishmania Vaccine Targeting Vector Antigens. <i>Journal of Experimental Medicine</i> , 2001, 194, 331-342.	4.2	359
2	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
3	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
4	Function and Evolution of a Mosquito Salivary Protein Family. <i>Journal of Biological Chemistry</i> , 2006, 281, 1935-1942.	1.6	222
5	An annotated catalogue of salivary gland transcripts in the adult female mosquito, <i>Anopheles gambiae</i> . <i>BMC Genomics</i> , 2007, 8, 6.	1.2	219
6	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
7	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
8	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
9	An insight into the sialome of blood-feeding Nematocera. <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 767-784.	1.2	156
10	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
11	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
12	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.	1.2	144
13	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
14	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
15	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
16	Deconstructing Tick Saliva. <i>Journal of Biological Chemistry</i> , 2011, 286, 10960-10969.	1.6	117
17	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.	1.2	114
18	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

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19	Bitis gabonica (Caboona 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
20	An insight into the sialome of the soft tick, <i>Ornithodoros parkeri</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1-21.	1.2	105
21	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
22	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
23	<i>Ixodes scapularis</i> : Salivary Kininase Activity Is a Metallo Dipeptidyl Carboxypeptidase. <i>Experimental Parasitology</i> , 1998, 89, 213-221.	0.5	102
24	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.	1.6	102
25	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
26	Chapter 2 From Sialomes to the Sialoverse. <i>Advances in Insect Physiology</i> , 2009, , 59-118.	1.1	97
27	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
28	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
29	Antioxidant Role of <i>Rhodnius prolixus</i> Heme-binding Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 10893-10896.	1.6	94
30	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
31	An insight into the sialotranscriptome of the brown dog tick, <i>Rhipicephalus sanguineus</i> . <i>BMC Genomics</i> , 2010, 11, 450.	1.2	91
32	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
33	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
34	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.	1.2	84
35	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.	1.6	83
36	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

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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	Inhibition of Hemostasis by a High Affinity Biogenic Amine-binding Protein from the Saliva of a Blood-feeding Insect. Journal of Biological Chemistry, 2003, 278, 4611-4617.	1.6	80
39	Nitric oxide synthase activity from a hematophagous insect salivary gland. FEBS Letters, 1993, 330, 165-168.	1.3	79
40	Salivary apyrase of <i>Aedes Aegypti</i> : Characterization and secretory fate. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1984, 79, 81-86.	0.2	77
41	An insight into the sialome of <i>Glossina morsitans morsitans</i> . BMC Genomics, 2010, 11, 213.	1.2	76
42	Salivary Antigen-5/CAP Family Members Are Cu <sup>2+</sup> -dependent Antioxidant Enzymes That Scavenge O <sub>2</sub> <sup>•-</sup> and Inhibit Collagen-induced Platelet Aggregation and Neutrophil Oxidative Burst. Journal of Biological Chemistry, 2013, 288, 14341-14361.	1.6	76
43	A Systems Level Analysis Reveals Transcriptomic and Proteomic Complexity in <i>Ixodes Ricinus</i> Midgut and Salivary Glands During Early Attachment and Feeding. Molecular and Cellular Proteomics, 2014, 13, 2725-2735.	2.5	73
44	Differential salivary gland transcript expression profile in <i>Ixodes scapularis</i> nymphs upon feeding or flavivirus infection. Ticks and Tick-borne Diseases, 2012, 3, 18-26.	1.1	72
45	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
46	A catalogue of <i>Anopheles gambiae</i> transcripts significantly more or less expressed following a blood meal. Insect Biochemistry and Molecular Biology, 2003, 33, 865-882.	1.2	70
47	An insight into the sialome of the oriental rat flea, <i>Xenopsylla cheopis</i> (Rots). BMC Genomics, 2007, 8, 102.	1.2	70
48	Analysis of the Plasmodium and Anopheles Transcriptomes during Oocyst Differentiation. Journal of Biological Chemistry, 2004, 279, 5581-5587.	1.6	68
49	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
50	The salivary purine nucleosidase of the mosquito, <i>Aedes aegypti</i> . Insect Biochemistry and Molecular Biology, 2003, 33, 13-22.	1.2	67
51	Sexual differences in the sialomes of the zebra tick, <i>Rhipicephalus pulchellus</i> . Journal of Proteomics, 2015, 117, 120-144.	1.2	67
52	The Salivary Adenosine Deaminase from the Sand Fly <i>Lutzomyia longipalpis</i> . Experimental Parasitology, 2000, 95, 45-53.	0.5	64
53	A novel clade of cysteinyl leukotriene scavengers in soft ticks. Insect Biochemistry and Molecular Biology, 2008, 38, 862-870.	1.2	63
54	An insight into the sialotranscriptome and proteome of the coarse bontlegged tick, <i>Hyalomma marginatum rufipes</i> . Journal of Proteomics, 2011, 74, 2892-2908.	1.2	62

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55	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
56	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
57	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
58	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
59	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
60	The <i>Anopheles gambiae</i> salivary protein gSG6: An anopheline-specific protein with a blood-feeding role. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 457-466.	1.2	52
61	Saliva of hematophagous insects: a multifaceted toolkit. <i>Current Opinion in Insect Science</i> , 2018, 29, 102-109.	2.2	52
62	cDNA sequences reveal considerable gene prediction inaccuracy in the <i>Plasmodium falciparum</i> genome. <i>BMC Genomics</i> , 2007, 8, 255.	1.2	50
63	Transcriptome and gene expression profile of ovarian follicle tissue of the triatomine bug <i>Rhodnius prolixus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 823-831.	1.2	49
64	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
65	The sialotranscriptome of adult male <i>Anopheles gambiae</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 570-575.	1.2	45
66	Dipetalodipin, a Novel Multifunctional Salivary Lipocalin That Inhibits Platelet Aggregation, Vasoconstriction, and Angiogenesis through Unique Binding Specificity for TXA <sub>2</sub> , PGF <sub>2</sub> ±, and 15(S)-HETE. <i>Journal of Biological Chemistry</i> , 2010, 285, 39001-39012.	1.6	40
67	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.	1.2	40
68	An insight into the sialome of <i>Hyalomma excavatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 201-207.	1.1	39
69	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
70	An insight into the sialotranscriptome of the West Nile mosquito vector, <i>Culex tarsalis</i> . <i>BMC Genomics</i> , 2010, 11, 51.	1.2	37
71	In depth annotation of the <i>Anopheles gambiae</i> mosquito midgut transcriptome. <i>BMC Genomics</i> , 2014, 15, 636.	1.2	37
72	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

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73	A deep insight into the sialotranscriptome of the mosquito, <i>Psorophora albipes</i> . <i>BMC Genomics</i> , 2013, 14, 875.	1.2	34
74	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
75	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.	1.2	31
76	The invertebrate growth factor/CECR1 subfamily of adenosine deaminase proteins. <i>Gene</i> , 2001, 267, 13-22.	1.0	30
77	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
78	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
79	Immunological diversity within a family of cutinase-like proteins of <i>Mycobacterium tuberculosis</i> . <i>Vaccine</i> , 2008, 26, 3853-3859.	1.7	27
80	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
81	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
82	Transcriptome analysis of reproductive tissue and intrauterine developmental stages of the tsetse fly ( <i>Glossina morsitans morsitans</i> ). <i>BMC Genomics</i> , 2010, 11, 160.	1.2	23
83	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
84	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
85	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.	1.2	20
86	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.	1.2	20
87	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.	1.2	19
88	Transcriptome exploration of the sex pheromone gland of <i>Lutzomyia longipalpis</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	1.0	19
89	Molecular characterization of novel sulfotransferases from the tick, <i>Ixodes scapularis</i> . <i>BMC Biochemistry</i> , 2011, 12, 32.	4.4	18
90	Salivary Kratagonists. , 2017, , 51-63.		18

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91	The Pharmacopeia within Triatomine Salivary Glands. <i>Trends in Parasitology</i> , 2020, 36, 250-265.	1.5	17
92	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
93	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
94	<i>Rhodnius prolixus</i> salivary nitrophorins display heme-peroxidase activity. <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 1051-1057.	1.2	9
95	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
96	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
97	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
98	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
99	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
100	Bugs, Blood, and Blisters. <i>Journal of Investigative Dermatology</i> , 2004, 123, xvi.	0.3	4
101	The sialotranscriptome of the gopher-tortoise tick, <i>Amblyomma tuberculatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101560.	1.1	4
102	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