Jos M C Ribeiro

List of Publications by Year in Descending Order

321 papers	21,886 citations	79 h-index	133 g-index
329 ext. papers	24,711 ext. citations	5.7 avg, IF	6.55 L-index

#	Paper	IF	Citations
321	Integrated analysis of the sialotranscriptome and sialoproteome of the rat flea Xenopsylla cheopis.. *Journal of Proteomics*, **2022**, 254, 104476	3.9	0
320	Functional aspects of evolution in a cluster of salivary protein genes from mosquitoes.. *Insect Biochemistry and Molecular Biology*, **2022**, 103785	4.5	0
319	Identification of a substrate-like cleavage-resistant thrombin inhibitor from the saliva of the flea Xenopsylla cheopis. *Journal of Biological Chemistry*, **2021**, 297, 101322	5.4	1
318	The genome of the stable fly, Stomoxys calcitrans, reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. *BMC Biology*, **2021**, 19, 41	7.3	9
317	AeMOPE-1, a Novel Salivary Peptide From , Selectively Modulates Activation of Murine Macrophages and Ameliorates Experimental Colitis. *Frontiers in Immunology*, **2021**, 12, 681671	8.4	
316	The sialotranscriptome of the gopher-tortoise tick, Amblyomma tuberculatum. *Ticks and Tick-borne Diseases*, **2021**, 12, 101560	3.6	3
315	The structures of two salivary proteins from the West Nile vector reveal a beta-trefoil fold with putative sugar binding properties. *Current Research in Structural Biology*, **2021**, 3, 95-105	2.8	1
314	Salivary complement inhibitors from mosquitoes: Structure and mechanism of action. *Journal of Biological Chemistry*, **2021**, 296, 100083	5.4	3
313	Mast Cells and Basophils: From Malevolent Design to Coevolutionary Arms Race. *Trends in Parasitology*, **2020**, 36, 655-659	6.4	4
312	Tick-Borne Encephalitis Virus Infection Alters the Sialome of Ticks During the Earliest Stages of Feeding. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 41	5.9	4
311	Molecular mechanisms underlying milk production and viviparity in the cockroach, Diploptera punctata. *Insect Biochemistry and Molecular Biology*, **2020**, 120, 103333	4.5	1
310	A mosquito juvenile hormone binding protein (mJHBP) regulates the activation of innate immune defenses and hemocyte development. *PLoS Pathogens*, **2020**, 16, e1008288	7.6	9
309	The Pharmacopea within Triatomine Salivary Glands. *Trends in Parasitology*, **2020**, 36, 250-265	6.4	6
308	Transcriptomic profiling of the digestive tract of the rat flea, Xenopsylla cheopis, following blood feeding and infection with Yersinia pestis. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008688	4.8	7
307	Integrated analysis of sialotranscriptome and sialoproteome of the brown dog tick Rhipicephalus sanguineus (s.l.): Insights into gene expression during blood feeding. *Journal of Proteomics*, **2020**, 229, 103899	3.9	13
306	Transcriptional variation of sensory-related genes in natural populations of Aedes albopictus. *BMC Genomics*, **2020**, 21, 547	4.5	3
305	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. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 374	5.9	19

304	RNA-sequencing of the Nyssomyia neivai sialome: a sand fly-vector from a Brazilian endemic area for tegumentary leishmaniasis and pemphigus foliaceus. *Scientific Reports*, **2020**, 10, 17664	4.9	2
303	A physiologic overview of the organ-specific transcriptome of the cattle tick Rhipicephalus microplus. *Scientific Reports*, **2020**, 10, 18296	4.9	6
302	The Central Role of Salivary Metalloproteases in Host Acquired Resistance to Tick Feeding. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 563349	5.9	2
301	Proteomics Pipeline for Identifying Variant Proteins in Parasites Isolated from Children Presenting with Malaria. *Journal of Proteome Research*, **2019**, 18, 3831-3839	5.6	3
300	The Transcriptome of the Salivary Glands of Reveals the Antimicrobial Peptide Microplusin as an Important Factor for the Tick Protection Against Infection. *Frontiers in Physiology*, **2019**, 10, 529	4.6	10
299	An insight into the sialotranscriptome and virome of Amazonian anophelines. *BMC Genomics*, **2019**, 20, 166	4.5	8
298	Functional and structural similarities of D7 proteins in the independently-evolved salivary secretions of sand flies and mosquitoes. *Scientific Reports*, **2019**, 9, 5340	4.9	12
297	An insight into the sialome, mialome and virome of the horn fly, Haematobia irritans. *BMC Genomics* , **2019**, 20, 616	4.5	7
296	Placental malaria vaccine candidate antigen VAR2CSA displays atypical domain architecture in some strains. *Communications Biology*, **2019**, 2, 457	6.7	15
295	Ixonnexin from Tick Saliva Promotes Fibrinolysis by Interacting with Plasminogen and Tissue-Type Plasminogen Activator, and Prevents Arterial Thrombosis. *Scientific Reports*, **2018**, 8, 4806	4.9	16
294	A deep insight into the male and female sialotranscriptome of adult Culex tarsalis mosquitoes. *Insect Biochemistry and Molecular Biology*, **2018**, 95, 1-9	4.5	11
293	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. *Journal of Virology*, **2018**, 92,	6.6	11
292	Immunity to LuloHya and Lundep, the salivary spreading factors from Lutzomyia longipalpis, protects against Leishmania major infection. *PLoS Pathogens*, **2018**, 14, e1007006	7.6	19
291	An insight into the salivary gland and fat body transcriptome of Panstrongylus lignarius (Hemiptera: Heteroptera), the main vector of Chagas disease in Peru. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006243	4.8	10
290	Sialome diversity of ticks revealed by RNAseq of single tick salivary glands. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006410	4.8	47
289	An insight into the sialome of Hyalomma excavatum. *Ticks and Tick-borne Diseases*, **2017**, 8, 201-207	3.6	31
288	Anopheline salivary protein genes and gene families: an evolutionary overview after the whole genome sequence of sixteen Anopheles species. *BMC Genomics*, **2017**, 18, 153	4.5	35
287	Transposable elements in the Anopheles funestus transcriptome. *Genetica*, **2017**, 145, 275-293	1.5	3

286	Deciphering the olfactory repertoire of the tiger mosquito Aedes albopictus. *BMC Genomics*, **2017**, 18, 770	4.5	17
285	Insights Into Onchocerca volvulus Population Biology Through Multilocus Immunophenotyping. *Journal of Infectious Diseases*, **2017**, 216, 736-743	7	2
284	A mosquito hemolymph odorant-binding protein family member specifically binds juvenile hormone. *Journal of Biological Chemistry*, **2017**, 292, 15329-15339	5.4	28
283	Mining a differential sialotranscriptome of Rhipicephalus microplus guides antigen discovery to formulate a vaccine that reduces tick infestations. *Parasites and Vectors*, **2017**, 10, 206	4	30
282	The Distinct Transcriptional Response of the Midgut of and Ticks to Correlates to Their Differences in Susceptibility to Infection. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 129	5.9	15
281	Analysis of the Salivary Gland Transcriptome of Unfed and Partially Fed Ticks and Descriptive Proteome of the Saliva. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 476	5.9	42
280	The Sand Fly Salivary Protein Lufaxin Inhibits the Early Steps of the Alternative Pathway of Complement by Direct Binding to the Proconvertase C3b-B. *Frontiers in Immunology*, **2017**, 8, 1065	8.4	13
279	Ticks, , Feed Repeatedly on White-Footed Mice despite Strong Inflammatory Response: An Expanding Paradigm for Understanding Tick-Host Interactions. *Frontiers in Immunology*, **2017**, 8, 1784	8.4	28
278	Transposition burst of mariner-like elements in the sequenced genome of Rhodnius prolixus. *Insect Biochemistry and Molecular Biology*, **2016**, 69, 14-24	4.5	10
277	Stage-Specific Transcriptome and Proteome Analyses of the Filarial Parasite Onchocerca volvulus and Its Wolbachia Endosymbiont. *MBio*, **2016**, 7,	7.8	37
276	SALO, a novel classical pathway complement inhibitor from saliva of the sand fly Lutzomyia longipalpis. *Scientific Reports*, **2016**, 6, 19300	4.9	35
275	RNA-seq analyses of the midgut from blood- and serum-fed Ixodes ricinus ticks. *Scientific Reports*, **2016**, 6, 36695	4.9	54
274	Structure and Function of FS50, a salivary protein from the flea Xenopsylla cheopis that blocks the sodium channel Na1.5. *Scientific Reports*, **2016**, 6, 36574	4.9	6
273	An Inhibitor of the Alternative Pathway of Complement in Saliva of New World Anopheline Mosquitoes. *Journal of Immunology*, **2016**, 197, 599-610	5.3	15
272	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. *Nature Communications*, **2016**, 7, 10165	17.4	137
271	Genomic insights into the Ixodes scapularis tick vector of Lyme disease. *Nature Communications*, **2016**, 7, 10507	17.4	303
270	The genome of Onchocerca volvulus, agent of river blindness. *Nature Microbiology*, **2016**, 2, 16216	26.6	69
269	A Deep Insight into the Sialome of Rhodnius neglectus, a Vector of Chagas Disease. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004581	4.8	15

268	A Deep Insight into the Sialome of Male and Female Aedes aegypti Mosquitoes. *PLoS ONE*, **2016**, 11, e0151400	3.7	44
267	Tick Genome Assembled: New Opportunities for Research on Tick-Host-Pathogen Interactions. *Frontiers in Cellular and Infection Microbiology*, **2016**, 6, 103	5.9	27
266	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, Rhipicephalus microplus. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004298	4.8	20
265	Molecular Diversity between Salivary Proteins from New World and Old World Sand Flies with Emphasis on Bichromomyia olmeca, the Sand Fly Vector of Leishmania mexicana in Mesoamerica. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004771	4.8	27
264	Structure and Ligand-Binding Mechanism of a Cysteinyl Leukotriene-Binding Protein from a Blood-Feeding Disease Vector. *ACS Chemical Biology*, **2016**, 11, 1934-44	4.9	7
263	Deep Sequencing Analysis of the Ixodes ricinus Haemocytome. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003754	4.8	20
262	The structure of hookworm platelet inhibitor (HPI), a CAP superfamily member from Ancylostoma caninum. *Acta Crystallographica Section F, Structural Biology Communications*, **2015**, 71, 643-9	1.1	10
261	Tissue- and time-dependent transcription in Ixodes ricinus salivary glands and midguts when blood feeding on the vertebrate host. *Scientific Reports*, **2015**, 5, 9103	4.9	72
260	Nucleosides present on phlebotomine saliva induce immunossuppression and promote the infection establishment. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003600	4.8	13
259	A mosquito lipoxin/lipocalin complex mediates innate immune priming in Anopheles gambiae. *Nature Communications*, **2015**, 6, 7403	17.4	57
258	An insight into the sialome of the horse fly, Tabanus bromius. *Insect Biochemistry and Molecular Biology*, **2015**, 65, 83-90	4.5	6
257	Mosquito genomics. Highly evolvable malaria vectors: the genomes of 16 Anopheles mosquitoes. *Science*, **2015**, 347, 1258522	33.3	372
256	An Insight into the Sialome of the Lone Star Tick, Amblyomma americanum, with a Glimpse on Its Time Dependent Gene Expression. *PLoS ONE*, **2015**, 10, e0131292	3.7	73
255	Identification and Mechanistic Analysis of a Novel Tick-Derived Inhibitor of Thrombin. *PLoS ONE*, **2015**, 10, e0133991	3.7	30
254	A Deep Insight Into the Sialotranscriptome of the Chagas Disease Vector, Panstrongylus megistus (Hemiptera: Heteroptera). *Journal of Medical Entomology*, **2015**, 52, 351-8	2.2	24
253	Genome of Rhodnius prolixus, 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, 14936-41	11.5	220
252	A draft genome sequence of an invasive mosquito: an Italian Aedes albopictus. *Pathogens and Global Health*, **2015**, 109, 207-20	3.1	28
251	Sexual differences in the sialomes of the zebra tick, Rhipicephalus pulchellus. *Journal of Proteomics*, **2015**, 117, 120-44	3.9	43

250	Genome sequence of the tsetse fly (Glossina morsitans): vector of African trypanosomiasis. *Science*, **2014**, 344, 380-6	33.3	192
249	Stereoscopic video analysis of Anopheles gambiae behavior in the field: challenges and opportunities. *Acta Tropica*, **2014**, 132 Suppl, S80-5	3.2	16
248	An insight into the sialome of the frog biting fly, Corethrella appendiculata. *Insect Biochemistry and Molecular Biology*, **2014**, 44, 23-32	4.5	25
247	A systems level analysis reveals transcriptomic and proteomic complexity in Ixodes ricinus midgut and salivary glands during early attachment and feeding. *Molecular and Cellular Proteomics*, **2014**, 13, 2725-35	7.6	61
246	In depth annotation of the Anopheles gambiae mosquito midgut transcriptome. *BMC Genomics*, **2014**, 15, 636	4.5	24
245	Collagen-binding protein, Aegyptin, regulates probing time and blood feeding success in the dengue vector mosquito, Aedes aegypti. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 6946-51	11.5	36
244	Examination of the ligand-binding and enzymatic properties of a bilin-binding protein from the poisonous caterpillar Lonomia obliqua. *PLoS ONE*, **2014**, 9, e95424	3.7	0
243	Characterisation of divergent flavivirus NS3 and NS5 protein sequences detected in Rhipicephalus microplus ticks from Brazil. *Memorias Do Instituto Oswaldo Cruz*, **2014**, 109, 38-50	2.6	40
242	Genome analysis of a major urban malaria vector mosquito, Anopheles stephensi. *Genome Biology*, **2014**, 15, 459	18.3	80
241	Transcriptome sequencing and developmental regulation of gene expression in Anopheles aquasalis. *PLoS Neglected Tropical Diseases*, **2014**, 8, e3005	4.8	8
240	Simplagrin, a platelet aggregation inhibitor from Simulium nigrimanum 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	4.8	8
239	An insight into the transcriptome of the digestive tract of the bloodsucking bug, Rhodnius prolixus. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2594	4.8	133
238	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	4.8	37
237	Identification and characterization of seminal fluid proteins in the Asian tiger mosquito, Aedes albopictus. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2946	4.8	52
236	Lundep, a sand fly salivary endonuclease increases Leishmania parasite survival in neutrophils and inhibits XIIa contact activation in human plasma. *PLoS Pathogens*, **2014**, 10, e1003923	7.6	62
235	A novel highly divergent protein family identified from a viviparous insect by RNA-seq analysis: a potential target for tsetse fly-specific abortifacients. *PLoS Genetics*, **2014**, 10, e1003874	6	34
234	Plasmodium falciparum infection induces expression of a mosquito salivary protein (Agaphelin) that targets neutrophil function and inhibits thrombosis without impairing hemostasis. *PLoS Pathogens*, **2014**, 10, e1004338	7.6	22
233	An updated insight into the Sialotranscriptome of Triatoma infestans: developmental stage and geographic variations. *PLoS Neglected Tropical Diseases*, **2014**, 8, e3372	4.8	28

232	Positive selection drives accelerated evolution of mosquito salivary genes associated with blood-feeding. *Insect Molecular Biology*, **2014**, 23, 122-31	3.4	21
231	The sialotranscriptome of Amblyomma triste, Amblyomma parvum and Amblyomma cajennense ticks, uncovered by 454-based RNA-seq. *Parasites and Vectors*, **2014**, 7, 430	4	57
230	Purification of a serine protease and evidence for a protein C activator from the saliva of the tick, Ixodes scapularis. *Toxicon*, **2014**, 77, 32-9	2.8	10
229	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, 117-32	3.9	11
228	Tempol, an intracellular antioxidant, inhibits tissue factor expression, attenuates dendritic cell function, and is partially protective in a murine model of cerebral malaria. *PLoS ONE*, **2014**, 9, e87140	3.7	28
227	Evidence for a lectin specific for sulfated glycans in the salivary gland of the malaria vector, Anopheles gambiae. *PLoS ONE*, **2014**, 9, e107295	3.7	17
226	Human CD117 (cKit)+ innate lymphoid cells have a discrete transcriptional profile at homeostasis and are expanded during filarial infection. *PLoS ONE*, **2014**, 9, e108649	3.7	32
225	Transcriptome exploration of the sex pheromone gland of Lutzomyia longipalpis (Diptera: Psychodidae: Phlebotominae). *Parasites and Vectors*, **2013**, 6, 56	4	13
224	Proteome of Rhipicephalus sanguineus tick saliva induced by the secretagogues pilocarpine and dopamine. *Ticks and Tick-borne Diseases*, **2013**, 4, 469-77	3.6	50
223	Novel family of insect salivary inhibitors blocks contact pathway activation by binding to polyphosphate, heparin, and dextran sulfate. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2759-70	9.4	32
222	Desmolaris, a novel factor XIa anticoagulant from the salivary gland of the vampire bat (Desmodus rotundus) inhibits inflammation and thrombosis in vivo. *Blood*, **2013**, 122, 4094-106	2.2	40
221	A deep insight into the sialotranscriptome of the mosquito, Psorophora albipes. *BMC Genomics*, **2013**, 14, 875	4.5	28
220	De novo Ixodes ricinus salivary gland transcriptome analysis using two next-generation sequencing methodologies. *FASEB Journal*, **2013**, 27, 4745-56	0.9	71
219	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, 20651-6	11.5	344
218	The "Vampirome": Transcriptome and proteome analysis of the principal and accessory submaxillary glands of the vampire bat Desmodus rotundus, a vector of human rabies. *Journal of Proteomics*, **2013**, 82, 288-319	3.9	35
217	Salivary antigen-5/CAP family members are Cu2+-dependent antioxidant enzymes that scavenge O⍰ and inhibit collagen-induced platelet aggregation and neutrophil oxidative burst. *Journal of Biological Chemistry*, **2013**, 288, 14341-14361	5.4	50
216	Structure and ligand-binding properties of the biogenic amine-binding protein from the saliva of a blood-feeding insect vector of Trypanosoma cruzi. *Acta Crystallographica Section D: Biological Crystallography*, **2013**, 69, 105-13		15
215	PfSETvs methylation of histone H3K36 represses virulence genes in Plasmodium falciparum. *Nature* , **2013**, 499, 223-7	50.4	171

214	The genome of Anopheles darlingi, the main neotropical malaria vector. *Nucleic Acids Research*, **2013**, 41, 7387-400	20.1	80
213	Functional transcriptomics of wild-caught Lutzomyia intermedia salivary glands: identification of a protective salivary protein against Leishmania braziliensis infection. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2242	4.8	40
212	Genomics of Loa loa, a Wolbachia-free filarial parasite of humans. *Nature Genetics*, **2013**, 45, 495-500	36.3	142
211	The dance of male Anopheles gambiae in wild mating swarms. *Journal of Medical Entomology*, **2013**, 50, 552-9	2.2	23
210	Knockdown of selenocysteine-specific elongation factor in Amblyomma maculatum alters the pathogen burden of Rickettsia parkeri with epigenetic control by the Sin3 histone deacetylase corepressor complex. *PLoS ONE*, **2013**, 8, e82012	3.7	24
209	Defibrotide interferes with several steps of the coagulation-inflammation cycle and exhibits therapeutic potential to treat severe malaria. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 786-98	9.4	26
208	Differential salivary gland transcript expression profile in Ixodes scapularis nymphs upon feeding or flavivirus infection. *Ticks and Tick-borne Diseases*, **2012**, 3, 18-26	3.6	54
207	The Anopheles gambiae cE5, a tight- and fast-binding thrombin inhibitor with post-transcriptionally regulated salivary-restricted expression. *Insect Biochemistry and Molecular Biology*, **2012**, 42, 610-20	4.5	15
206	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, 332-42	4.5	46
205	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, 603-10	5.8	12
204	Losing identity: structural diversity of transposable elements belonging to different classes in the genome of Anopheles gambiae. *BMC Genomics*, **2012**, 13, 272	4.5	17
203	Structure of protein having inhibitory disintegrin and leukotriene scavenging functions contained in single domain. *Journal of Biological Chemistry*, **2012**, 287, 10967-76	5.4	41
202	An insight into the sialotranscriptome of the cat flea, Ctenocephalides felis. *PLoS ONE*, **2012**, 7, e44612	3.7	20
201	Transcriptional profiles of mating-responsive genes from testes and male accessory glands of the Mediterranean fruit fly, Ceratitis capitata. *PLoS ONE*, **2012**, 7, e46812	3.7	35
200	Triplatin, a platelet aggregation inhibitor from the salivary gland of the triatomine vector of Chagas disease, binds to TXA(2) but does not interact with glycoprotein PVI. *Thrombosis and Haemostasis*, **2012**, 107, 111-23	7	19
199	Disintegrins from hematophagous sources. *Toxins*, **2012**, 4, 296-322	4.9	30
198	Reconstructing the flight kinematics of swarming and mating in wild mosquitoes. *Journal of the Royal Society Interface*, **2012**, 9, 2624-38	4.1	56
197	An insight into the sialotranscriptome of Triatoma rubida (Hemiptera: Heteroptera). *Journal of Medical Entomology*, **2012**, 49, 563-72	2.2	25

196	An insight into the sialotranscriptome of Triatoma matogrossensis, a kissing bug associated with fogo selvagem in South America. *American Journal of Tropical Medicine and Hygiene*, **2012**, 86, 1005-14	3.2	33
195	Lufaxin, a novel factor Xa inhibitor from the salivary gland of the sand fly Lutzomyia longipalpis blocks protease-activated receptor 2 activation and inhibits inflammation and thrombosis in vivo. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2185-98	9.4	50
194	An Insight into the Sialomes of Bloodsucking Heteroptera. *Psyche: Journal of Entomology*, **2012**, 2012, 1-16	0.2	12
193	Structural differences between human proteins and aero- and microbial allergens define allergenicity. *PLoS ONE*, **2012**, 7, e40552	3.7	18
192	Glycoinositolphospholipids from Trypanosomatids subvert nitric oxide production in Rhodnius prolixus salivary glands. *PLoS ONE*, **2012**, 7, e47285	3.7	22
191	Updating the salivary gland transcriptome of Phlebotomus papatasi (Tunisian strain): the search for sand fly-secreted immunogenic proteins for humans. *PLoS ONE*, **2012**, 7, e47347	3.7	39
190	A deep insight into the sialotranscriptome of the gulf coast tick, Amblyomma maculatum. *PLoS ONE* , **2011**, 6, e28525	3.7	152
189	3D tracking of mating events in wild swarms of the malaria mosquito Anopheles gambiae. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2011**, 2011, 720-3	0.9	6
188	A novel family of RGD-containing disintegrins (Tablysin-15) from the salivary gland of the horsefly Tabanus yao targets □b□ or □□ and inhibits platelet aggregation and angiogenesis. *Thrombosis and Haemostasis*, **2011**, 105, 1032-45	7	52
187	Transcriptome and gene expression profile of ovarian follicle tissue of the triatomine bug Rhodnius prolixus. *Insect Biochemistry and Molecular Biology*, **2011**, 41, 823-31	4.5	36
186	An insight into the sialotranscriptome and proteome of the coarse bontlegged tick, Hyalomma marginatum rufipes. *Journal of Proteomics*, **2011**, 74, 2892-908	3.9	52
185	Alboserpin, a factor Xa inhibitor from the mosquito vector of yellow fever, binds heparin and membrane phospholipids and exhibits antithrombotic activity. *Journal of Biological Chemistry*, **2011**, 286, 27998-8010	5.4	32
184	A tick salivary protein targets cathepsin G and chymase and inhibits host inflammation and platelet aggregation. *Blood*, **2011**, 117, 736-44	2.2	107
183	An insight into the sialome of Simulium guianense (DIPTERA:SIMulIIDAE), the main vector of River Blindness Disease in Brazil. *BMC Genomics*, **2011**, 12, 612	4.5	17
182	Plasmodium falciparum: nitric oxide modulates heme speciation in isolated food vacuoles. *Experimental Parasitology*, **2011**, 127, 1-8	2.1	12
181	Molecular characterization of novel sulfotransferases from the tick, Ixodes scapularis. *BMC Biochemistry*, **2011**, 12, 32	4.8	15
180	Novel transposable elements from Anopheles gambiae. *BMC Genomics*, **2011**, 12, 260	4.5	16
179	Insight into the salivary transcriptome and proteome of Dipetalogaster maxima. *Journal of Proteome Research*, **2011**, 10, 669-79	5.6	38

178	Nucleosides from Phlebotomus papatasi salivary gland ameliorate murine collagen-induced arthritis by impairing dendritic cell functions. *Journal of Immunology*, **2011**, 187, 4347-59	5.3	24
177	Stage-specific proteomic expression patterns of the human filarial parasite Brugia malayi and its endosymbiont Wolbachia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9649-54	11.5	82
176	Structure and function of a "yellow" protein from saliva of the sand fly Lutzomyia longipalpis that confers protective immunity against Leishmania major infection. *Journal of Biological Chemistry*, **2011**, 286, 32383-93	5.4	91
175	Deconstructing tick saliva: non-protein molecules with potent immunomodulatory properties. *Journal of Biological Chemistry*, **2011**, 286, 10960-9	5.4	95
174	Towards a semen proteome of the dengue vector mosquito: protein identification and potential functions. *PLoS Neglected Tropical Diseases*, **2011**, 5, e989	4.8	90
173	Microarray-based analysis of differential gene expression between infective and noninfective larvae of Strongyloides stercoralis. *PLoS Neglected Tropical Diseases*, **2011**, 5, e1039	4.8	20
172	Seasonal climate effects anemotaxis in newly emerged adult Anopheles gambiae Giles in Mali, West Africa. *PLoS ONE*, **2011**, 6, e26910	3.7	0
171	Aegyptin displays high-affinity for the von Willebrand factor binding site (RGQOGVMGF) in collagen and inhibits carotid thrombus formation in vivo. *FEBS Journal*, **2010**, 277, 413-27	5.7	33
170	Allelic gene structure variations in Anopheles gambiae mosquitoes. *PLoS ONE*, **2010**, 5, e10699	3.7	6
169	Dipetalodipin, a novel multifunctional salivary lipocalin that inhibits platelet aggregation, vasoconstriction, and angiogenesis through unique binding specificity for TXA2, PGF2alpha, and 15(S)-HETE. *Journal of Biological Chemistry*, **2010**, 285, 39001-12	5.4	36
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1	Functional genomics of the stable fly, Stomoxys calcitrans, reveals mechanisms underlying reproduction, host interactions, and novel targets for pest control		8