

# Oswaldo Marinotti

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

3,749  
citations

38  
h-index

58  
g-index

95  
ext. papers

4,205  
ext. citations

4  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
92	Physical Mapping of the () Genomic Scaffolds. <i>Insects</i> , <b>2021</b> , 12,	2.8	1
91	Anopheles darlingi versus Nyssorhynchus darlingi, response to the discussion. <i>Trends in Parasitology</i> , <b>2021</b> , 37, 849	6.4	1
90	What is in a name? Anopheles darlingi versus Nyssorhynchus darlingi. <i>Trends in Parasitology</i> , <b>2021</b> , 37, 856-858	6.4	2
89	Culturable bacteria associated with Anopheles darlingi and their paratransgenesis potential. <i>Malaria Journal</i> , <b>2021</b> , 20, 40	3.6	3
88	Vector-Focused Approaches to Curb Malaria Transmission in the Brazilian Amazon: An Overview of Current and Future Challenges and Strategies. <i>Tropical Medicine and Infectious Disease</i> , <b>2020</b> , 5,	3.5	3
87	Characterization of Bacterial Communities in Breeding Waters of Anopheles darlingi in Manaus in the Amazon Basin Malaria-Endemic Area. <i>Microbial Ecology</i> , <b>2019</b> , 78, 781-791	4.4	13
86	A re-annotation of the Anopheles darlingi mobilome. <i>Genetics and Molecular Biology</i> , <b>2019</b> , 42, 125-131	2	2
85	nanos-Driven expression of piggyBac transposase induces mobilization of a synthetic autonomous transposon in the malaria vector mosquito, Anopheles stephensi. <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 87, 81-89	4.5	9
84	Endogenously-expressed NH2-terminus of circumsporozoite protein interferes with sporozoite invasion of mosquito salivary glands. <i>Malaria Journal</i> , <b>2016</b> , 15, 153	3.6	5
83	Coetzea brasiliensis gen. nov., sp. nov. isolated from larvae of Anopheles darlingi. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 5211-5217	2.2	4
82	Integrated proteomic and transcriptomic analysis of the Aedes aegypti eggshell. <i>BMC Developmental Biology</i> , <b>2014</b> , 14, 15	3.1	38
81	Collagen-binding protein, Aegyptin, regulates probing time and blood feeding success in the dengue vector mosquito, Aedes aegypti. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 6946-51	11.5	36
80	Transcriptome sequencing and developmental regulation of gene expression in Anopheles aquasalis. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3005	4.8	8
79	Development of a population suppression strain of the human malaria vector mosquito, Anopheles stephensi. <i>Malaria Journal</i> , <b>2013</b> , 12, 142	3.6	36
78	Expression and accumulation of the two-domain odorant-binding protein AegOBP45 in the ovaries of blood-fed Aedes aegypti. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 364	4	24
77	The genome of Anopheles darlingi, the main neotropical malaria vector. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 7387-400	20.1	80
76	Probing functional polymorphisms in the dengue vector, Aedes aegypti. <i>BMC Genomics</i> , <b>2013</b> , 14, 739	4.5	9

75	Gene expression-based biomarkers for <i>Anopheles gambiae</i> age grading. <i>PLoS ONE</i> , <b>2013</b> , 8, e69439	3.7	12
74	The co-expression pattern of odorant binding proteins and olfactory receptors identify distinct trichoid sensilla on the antenna of the malaria mosquito <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e69412 <sup>3.7</sup>		33
73	<i>Culex quinquefasciatus</i> storage proteins. <i>PLoS ONE</i> , <b>2013</b> , 8, e77664	3.7	6
72	Multiple blood meals in <i>Anopheles darlingi</i> (Diptera: Culicidae). <i>Journal of Vector Ecology</i> , <b>2012</b> , 37, 351-8.5		12
71	Complex modulation of the <i>Aedes aegypti</i> transcriptome in response to dengue virus infection. <i>PLoS ONE</i> , <b>2012</b> , 7, e50512	3.7	96
70	Strain Variation in the Transcriptome of the Dengue Fever Vector, <i>Aedes aegypti</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2012</b> , 2, 103-14	3.2	29
69	Spatial mapping of gene expression in the salivary glands of the dengue vector mosquito, <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , <b>2011</b> , 4, 1	4	115
68	RNA-seq analyses of blood-induced changes in gene expression in the mosquito vector species, <i>Aedes aegypti</i> . <i>BMC Genomics</i> , <b>2011</b> , 12, 82	4.5	92
67	Engineered resistance to <i>Plasmodium falciparum</i> development in transgenic <i>Anopheles stephensi</i> . <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002017	7.6	87
66	Genome-wide transcriptional analysis of genes associated with acute desiccation stress in <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e26011	3.7	16
65	Comparative fitness assessment of <i>Anopheles stephensi</i> transgenic lines receptive to site-specific integration. <i>Insect Molecular Biology</i> , <b>2010</b> , 19, 263-9	3.4	41
64	Transgene-mediated suppression of dengue viruses in the salivary glands of the yellow fever mosquito, <i>Aedes aegypti</i> . <i>Insect Molecular Biology</i> , <b>2010</b> , 19, 753-63	3.4	78
63	The Aquaporin gene family of the yellow fever mosquito, <i>Aedes aegypti</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e15578	3.7	75
62	Female-specific flightless phenotype for mosquito control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4550-4	11.5	239
61	Complete mtDNA genomes of <i>Anopheles darlingi</i> and an approach to anopheline divergence time. <i>Malaria Journal</i> , <b>2010</b> , 9, 127	3.6	68
60	Proteomics reveals novel components of the <i>Anopheles gambiae</i> eggshell. <i>Journal of Insect Physiology</i> , <b>2010</b> , 56, 1414-9	2.4	40
59	aeGEPUCI: a database of gene expression in the dengue vector mosquito, <i>Aedes aegypti</i> . <i>BMC Research Notes</i> , <b>2010</b> , 3, 248	2.3	50
58	The <i>Anopheles gambiae</i> odorant binding protein 1 (AgamOBP1) mediates indole recognition in the antennae of female mosquitoes. <i>PLoS ONE</i> , <b>2010</b> , 5, e9471	3.7	161

57	Genome-wide patterns of gene expression during aging in the African malaria vector <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e13359	3.7	24
56	Comparative genomics allows the discovery of cis-regulatory elements in mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 3053-8	11.5	41
55	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> , <b>2009</b> , 10, 57	4.5	65
54	Gene structure and expression of nanos (nos) and oskar (osk) orthologues of the vector mosquito, <i>Culex quinquefasciatus</i> . <i>Insect Molecular Biology</i> , <b>2008</b> , 17, 545-52	3.4	27
53	Molecular genetic manipulation of vector mosquitoes. <i>Cell Host and Microbe</i> , <b>2008</b> , 4, 417-23	23.4	55
52	16S rRNA gene sequences from bacteria associated with adult <i>Anopheles darlingi</i> (Diptera: Culicidae) mosquitoes. <i>Journal of Medical Entomology</i> , <b>2008</b> , 45, 172-5	2.2	40
51	16S rRNA Gene Sequences from Bacteria Associated with Adult <i>Anopheles darlingi</i> (Diptera: Culicidae) Mosquitoes. <i>Journal of Medical Entomology</i> , <b>2008</b> , 45, 172-175	2.2	46
50	Cell death and regeneration in the midgut of the mosquito, <i>Culex quinquefasciatus</i> . <i>Journal of Insect Physiology</i> , <b>2007</b> , 53, 1307-15	2.4	41
49	Intraspecific variation of second internal transcribed spacer of nuclear ribosomal DNA among populations of <i>Anopheles (Kerteszia) cruzii</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , <b>2007</b> , 44, 538-42	2.2	10
48	Aegyptin, a novel mosquito salivary gland protein, specifically binds to collagen and prevents its interaction with platelet glycoprotein VI, integrin alpha2beta1, and von Willebrand factor. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 26928-26938	5.4	82
47	Intraspecific Variation of Second Internal Transcribed Spacer of Nuclear Ribosomal DNA Among Populations of <i>Anopheles (Kerteszia) cruzii</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , <b>2007</b> , 44, 538-542	2.2	9
46	GENETIC CONTROL OF MALARIA PARASITE TRANSMISSION: THRESHOLD LEVELS FOR INFECTION IN AN AVIAN MODEL SYSTEM. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 76, 1072-1078	3.2	29
45	THE ANOPHELES GAMBIAE VITELLOGENIN GENE (VGT2) PROMOTER DIRECTS PERSISTENT ACCUMULATION OF A REPORTER GENE PRODUCT IN TRANSGENIC ANOPHELES STEPHENSI FOLLOWING MULTIPLE BLOODMEALS. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 76, 1118-1124	3.2	24
44	Genetic control of malaria parasite transmission: threshold levels for infection in an avian model system. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 76, 1072-8	3.2	18
43	The <i>Anopheles gambiae</i> vitellogenin gene (VGT2) promoter directs persistent accumulation of a reporter gene product in transgenic <i>Anopheles stephensi</i> following multiple bloodmeals. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 76, 1118-24	3.2	17
42	angaGEDUCI: <i>Anopheles gambiae</i> gene expression database with integrated comparative algorithms for identifying conserved DNA motifs in promoter sequences. <i>BMC Genomics</i> , <b>2006</b> , 7, 116	4.5	19
41	Structure and expression of the lipophorin-encoding gene of the malaria vector, <i>Anopheles gambiae</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2006</b> , 144, 101-9	2.3	16
40	Functional characterization of the promoter of the vitellogenin gene, AsVg1, of the malaria vector, <i>Anopheles stephensi</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2006</b> , 36, 694-700	4.5	34

39	The second internal transcribed spacer of nuclear ribosomal DNA as a tool for Latin American anopheline taxonomy - a critical review. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2006</b> , 101, 817-32	2.6	56
38	Genome-wide analysis of gene expression in adult <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , <b>2006</b> , 15, 1-12	3.4	144
37	Nanos (nos) genes of the vector mosquitoes, <i>Anopheles gambiae</i> , <i>Anopheles stephensi</i> and <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2005</b> , 35, 789-98	4.5	39
36	Characterization of the c-type lysozyme gene family in <i>Anopheles gambiae</i> . <i>Gene</i> , <b>2005</b> , 360, 131-9	3.8	59
35	The accumulation of specific mRNAs following multiple blood meals in <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , <b>2005</b> , 14, 95-103	3.4	21
34	Microarray analysis of genes showing variable expression following a blood meal in <i>Anopheles gambiae</i> . <i>Insect Molecular Biology</i> , <b>2005</b> , 14, 365-73	3.4	115
33	Amazonian malaria vector anopheline relationships interpreted from ITS2 rDNA sequences. <i>Medical and Veterinary Entomology</i> , <b>2005</b> , 19, 208-18	2.4	54
32	Morphological and enzymatic analysis of the midgut of <i>Anopheles darlingi</i> during blood digestion. <i>Journal of Insect Physiology</i> , <b>2005</b> , 51, 769-76	2.4	30
31	An updated catalogue of salivary gland transcripts in the adult female mosquito, <i>Anopheles gambiae</i> . <i>Journal of Experimental Biology</i> , <b>2005</b> , 208, 3971-86	3	156
30	The transcriptome of adult female <i>Anopheles darlingi</i> salivary glands. <i>Insect Molecular Biology</i> , <b>2004</b> , 13, 73-88	3.4	87
29	The AeAct-4 gene is expressed in the developing flight muscles of female <i>Aedes aegypti</i> . <i>Insect Molecular Biology</i> , <b>2004</b> , 13, 563-8	3.4	24
28	Morphological aspects of <i>Culex quinquefasciatus</i> salivary glands. <i>Arthropod Structure and Development</i> , <b>2003</b> , 32, 219-26	1.8	12
27	Analysis of the wild-type and mutant genes encoding the enzyme kynurenine monooxygenase of the yellow fever mosquito, <i>Aedes aegypti</i> . <i>Insect Molecular Biology</i> , <b>2003</b> , 12, 483-90	3.4	29
26	The major salivary gland antigens of <i>Culex quinquefasciatus</i> are D7-related proteins. <i>Insect Biochemistry and Molecular Biology</i> , <b>2003</b> , 33, 63-71	4.5	24
25	The <i>Musca domestica</i> larval hexamerin is composed of multiple, similar polypeptides. <i>Insect Biochemistry and Molecular Biology</i> , <b>2003</b> , 33, 389-95	4.5	5
24	The D7 family of salivary proteins in blood sucking diptera. <i>Insect Molecular Biology</i> , <b>2002</b> , 11, 149-55	3.4	93
23	Taxonomic status of <i>Ixodes didelphidis</i> (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , <b>2002</b> , 39, 135-42.2		17
22	The major acid soluble proteins of adult female <i>Anopheles darlingi</i> salivary glands include a member of the D7-related family of proteins. <i>Insect Biochemistry and Molecular Biology</i> , <b>2002</b> , 32, 1419-27.5	4.5	12

21	Analysis of salivary gland proteins of the mosquito <i>Anopheles darlingi</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , <b>2001</b> , 38, 763-7	2.2	12
20	Salivary gland proteins of the mosquito <i>Culex quinquefasciatus</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2000</b> , 43, 9-15	2.3	26
19	Expression patterns of the larval and adult hexamerin genes of <i>Musca domestica</i> . <i>Insect Molecular Biology</i> , <b>2000</b> , 9, 169-77	3.4	20
18	Evaluation of insecticide resistance and biochemical mechanisms in a population of <i>Culex quinquefasciatus</i> (Diptera: Culicidae) from Sã Paulo, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1999</b> , 94, 115-20	2.6	13
17	Sequence analysis of the second internal transcribed spacer of ribosomal DNA in <i>Anopheles oswaldoi</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , <b>1999</b> , 36, 679-84	2.2	41
16	Comparative susceptibility of two members of the <i>Anopheles oswaldoi</i> complex, <i>An. oswaldoi</i> and <i>An. konderi</i> , to infection by <i>Plasmodium vivax</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1999</b> , 93, 381-4	2	29
15	Morphological and biochemical analyses of the salivary glands of the malaria vector, <i>Anopheles darlingi</i> . <i>Tissue and Cell</i> , <b>1999</b> , 31, 264-73	2.7	40
14	Apyrase and alpha-glucosidase in the salivary glands of <i>Aedes albopictus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1996</b> , 113, 675-9	2.3	53
13	Isolation and characterization of the gene expressing the major salivary gland protein of the female mosquito, <i>Aedes aegypti</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1991</b> , 44, 245-53	1.9	116
12	An Eglucosidase in the salivary glands of the vector mosquito, <i>Aedes aegypti</i> . <i>Insect Biochemistry</i> , <b>1990</b> , 20, 619-623		52
11	Diet and salivation in female <i>Aedes aegypti</i> mosquitoes. <i>Journal of Insect Physiology</i> , <b>1990</b> , 36, 545-548	2.4	78
10	A salivary vasodilator in the blood-sucking bug, <i>Rhodnius prolixus</i> . <i>British Journal of Pharmacology</i> , <b>1990</b> , 101, 932-6	8.6	49
9	Nonvitellogenic female protein in <i>Musca domestica</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>1989</b> , 11, 245-255	2.3	3
8	Heterogeneous glycosylation of <i>Musca domestica</i> arylphorin. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 151, 1004-10	3.4	8
7	Lipophorin in the larval and adult stages of <i>Musca domestica</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>1987</b> , 6, 39-48	2.3	20
6	Structural properties of <i>Musca domestica</i> storage protein. <i>Insect Biochemistry</i> , <b>1986</b> , 16, 709-716		11
5	Uptake of storage protein by <i>Musca domestica</i> fat body. <i>Journal of Insect Physiology</i> , <b>1986</b> , 32, 819-825	2.4	13
4	Vitellogenin and vitellin of <i>Musca domestica</i> Quantification and synthesis by fat bodies and ovaries. <i>Insect Biochemistry</i> , <b>1985</b> , 15, 77-84		39

- 3 A storage protein in *Rhynchosciara americana* (Diptera, Sciaridae). *Insect Biochemistry*, **1984**, 14, 453-461 9
- 2 A larval haemolymph protein in the eggs of *Rhynchosciara americana*. *Insect Biochemistry*, **1983**, 13, 647-653 7
- 1 The Transcriptome of Human Malaria Vectors 516-530