

Frederic Simard

List of Publications by Year in descending order

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190
papers

11,552
citations

22132

59
h-index

40954

93
g-index

201
all docs

201
docs citations

201
times ranked

7680
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive yet grossly underestimated global costs of invasive insects. Nature Communications, 2016, 7, 12986.	5.8	546
2	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. Science, 2015, 347, 1258522.	6.0	492
3	Insertion polymorphisms of SINE200 retrotransposons within speciation islands of <i>Anopheles gambiae</i> molecular forms. Malaria Journal, 2008, 7, 163.	0.8	393
4	Averting a malaria disaster: will insecticide resistance derail malaria control?. Lancet, The, 2016, 387, 1785-1788.	6.3	366
5	Comparative Role of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> in the Emergence of Dengue and Chikungunya in Central Africa. Vector-Borne and Zoonotic Diseases, 2010, 10, 259-266.	0.6	241
6	Insecticide resistance in <i>Anopheles gambiae</i> : data from the first year of a multi-country study highlight the extent of the problem. Malaria Journal, 2009, 8, 299.	0.8	233
7	A Research Agenda for Malaria Eradication: Vector Control. PLoS Medicine, 2011, 8, e1000401.	3.9	224
8	Ecological niche partitioning between <i>Anopheles gambiae</i> molecular forms in Cameroon: the ecological side of speciation. BMC Ecology, 2009, 9, 17.	3.0	211
9	Semipermeable species boundaries between <i>Anopheles gambiae</i> and <i>Anopheles arabiensis</i> : Evidence from multilocus DNA sequence variation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10818-10823.	3.3	186
10	Distribution of knock-down resistance mutations in <i>Anopheles gambiae</i> molecular forms in west and west-central Africa. Malaria Journal, 2008, 7, 74.	0.8	176
11	Living at the edge: biogeographic patterns of habitat segregation conform to speciation by niche expansion in <i>Anopheles gambiae</i> . BMC Ecology, 2009, 9, 16.	3.0	174
12	Population Structure of <i>Anopheles gambiae</i> in Africa. , 2003, 94, 133-147.		171
13	Genetic differentiation of <i>Anopheles gambiae</i> populations from East and West Africa: comparison of microsatellite and allozyme loci. Heredity, 1996, 77, 192-200.	1.2	160
14	SPECIES IDENTIFICATION WITHIN THE ANOPHELES FUNESTUS GROUP OF MALARIA VECTORS IN CAMEROON AND EVIDENCE FOR A NEW SPECIES. American Journal of Tropical Medicine and Hygiene, 2003, 69, 200-205.	0.6	155
15	Pyrethroid tolerance is associated with elevated expression of antioxidants and agricultural practice in <i>Anopheles arabiensis</i> sampled from an area of cotton fields in Northern Cameroon. Molecular Ecology, 2008, 17, 1145-1155.	2.0	131
16	Geographic Distribution and Breeding Site Preference of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> (Diptera: Culicidae) in Cameroon, Central Africa. Journal of Medical Entomology, 2005, 42, 726-731.	0.9	126
17	Genetic association of physically unlinked islands of genomic divergence in incipient species of <i>Anopheles gambiae</i> . Molecular Ecology, 2010, 19, 925-939.	2.0	123
18	Anthropogenic Habitat Disturbance and Ecological Divergence between Incipient Species of the Malaria Mosquito <i>Anopheles gambiae</i> . PLoS ONE, 2012, 7, e39453.	1.1	123

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19	Evidence for genetic differentiation between the molecular forms M and S within the Forest chromosomal form of <i>Anopheles gambiae</i> in an area of sympatry. <i>Insect Molecular Biology</i> , 2002, 11, 11-19.	1.0	122
20	Complexity of the Malaria Vectorial System in Cameroon: Contribution of Secondary Vectors to Malaria Transmission. <i>Journal of Medical Entomology</i> , 2006, 43, 1215-1221.	0.9	119
21	<i>Anopheles</i> and <i>Plasmodium</i> : from laboratory models to natural systems in the field. <i>EMBO Reports</i> , 2006, 7, 1285-1289.	2.0	118
22	Complexity of the Malaria Vectorial System in Cameroon: Contribution of Secondary Vectors to Malaria Transmission. <i>Journal of Medical Entomology</i> , 2006, 43, 1215-1221.	0.9	118
23	FIRST REPORT OF KNOCKDOWN MUTATIONS IN THE MALARIA VECTOR <i>ANOPHELES GAMBIAE</i> FROM CAMEROON. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 795-797.	0.6	117
24	The spread of the Leu-Phe kdr mutation through <i>Anopheles gambiae</i> complex in Burkina Faso: genetic introgression and de novo phenomena. <i>Tropical Medicine and International Health</i> , 2004, 9, 1267-1273.	1.0	114
25	Multiple Origins of Knockdown Resistance Mutations in the Afrotropical Mosquito Vector <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2007, 2, e1243.	1.1	108
26	Dynamics of insecticide resistance in the malaria vector <i>Anopheles gambiae</i> s.l. from an area of extensive cotton cultivation in Northern Cameroon. <i>Tropical Medicine and International Health</i> , 2008, 13, 476-486.	1.0	108
27	Multiple Insecticide Resistance in <i>Anopheles gambiae</i> s.l. Populations from Burkina Faso, West Africa. <i>PLoS ONE</i> , 2012, 7, e48412.	1.1	108
28	Species and Populations of the <i>Anopheles gambiae</i> Complex in Cameroon with Special Emphasis on Chromosomal and Molecular Forms of <i>Anopheles gambiae</i> s.s.. <i>Journal of Medical Entomology</i> , 2005, 42, 998-1005.	0.9	103
29	Breakpoint structure reveals the unique origin of an interspecific chromosomal inversion (2La) in the <i>Anopheles gambiae</i> complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6258-6262.	3.3	102
30	Notes on the blood-feeding behavior of <i>Aedes albopictus</i> (Diptera: Culicidae) in Cameroon. <i>Parasites and Vectors</i> , 2012, 5, 57.	1.0	98
31	Adaptive divergence between incipient species of <i>Anopheles gambiae</i> increases resistance to <i>Plasmodium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 244-249.	3.3	97
32	Unravelling complexities in human malaria transmission dynamics in Africa through a comprehensive knowledge of vector populations. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2004, 27, 357-375.	0.7	96
33	Larval habitat segregation between the molecular forms of the mosquito <i>Anopheles gambiae</i> in a rice field area of Burkina Faso, West Africa. <i>Medical and Veterinary Entomology</i> , 2012, 26, 9-17.	0.7	96
34	Comparison of Behavior and Vector Efficiency of <i>Anopheles gambiae</i> and <i>An. arabiensis</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	94
35	Increased melanizing activity in <i>Anopheles gambiae</i> does not affect development of <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16858-16863.	3.3	93
36	Multiple insecticide resistance mechanisms in <i>Anopheles gambiae</i> s.l. populations from Cameroon, Central Africa. <i>Parasites and Vectors</i> , 2013, 6, 41.	1.0	93

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37	Persistence of <i>Anopheles arabiensis</i> during the severe dry season conditions in Senegal: an indirect approach using microsatellite loci. <i>Insect Molecular Biology</i> , 2000, 9, 467-479.	1.0	92
38	Species identification within the <i>Anopheles funestus</i> group of malaria vectors in Cameroon and evidence for a new species. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 200-5.	0.6	89
39	Additional Selection for Insecticide Resistance in Urban Malaria Vectors: DDT Resistance in <i>Anopheles arabiensis</i> from Bobo-Dioulasso, Burkina Faso. <i>PLoS ONE</i> , 2012, 7, e45995.	1.1	88
40	Identification of Cryptic <i>Anopheles</i> Mosquito Species by Molecular Protein Profiling. <i>PLoS ONE</i> , 2013, 8, e57486.	1.1	85
41	The Spread of <i>Aedes albopictus</i> in Metropolitan France: Contribution of Environmental Drivers and Human Activities and Predictions for a Near Future. <i>PLoS ONE</i> , 2015, 10, e0125600.	1.1	85
42	Habitat suitability and ecological niche profile of major malaria vectors in Cameroon. <i>Malaria Journal</i> , 2009, 8, 307.	0.8	84
43	Larval Development of the Molecular Forms of <i>Anopheles gambiae</i> (Diptera: Culicidae) in Different Habitats: A Transplantation Experiment. <i>Journal of Medical Entomology</i> , 2005, 42, 548-553.	0.9	81
44	Evolutionary studies of malaria vectors. <i>Trends in Parasitology</i> , 2002, 18, 75-80.	1.5	78
45	Review: Improving our knowledge of male mosquito biology in relation to genetic control programmes. <i>Acta Tropica</i> , 2014, 132, S2-S11.	0.9	78
46	A behavioral mechanism underlying ecological divergence in the malaria mosquito <i>Anopheles gambiae</i> . <i>Behavioral Ecology</i> , 2010, 21, 1087-1092.	1.0	76
47	INTRASPECIFIC NUCLEOTIDE VARIATION IN ANOPHELES GAMBIAE: NEW INSIGHTS INTO THE BIOLOGY OF MALARIA VECTORS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 795-802.	0.6	76
48	Localization of Candidate Regions Maintaining a Common Polymorphic Inversion (2La) in <i>Anopheles gambiae</i> . <i>PLoS Genetics</i> , 2007, 3, e217.	1.5	75
49	Geographic and ecological distribution of the dengue and chikungunya virus vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in three major Cameroonian towns. <i>Medical and Veterinary Entomology</i> , 2010, 24, 132-141.	0.7	74
50	Population genetic structure of <i>Plasmodium falciparum</i> in the two main African vectors, <i>Anopheles gambiae</i> and <i>Anopheles funestus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7987-7992.	3.3	73
51	First report of knockdown mutations in the malaria vector <i>Anopheles gambiae</i> from Cameroon. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 795-7.	0.6	73
52	Genetic Structure of the Tiger Mosquito, <i>Aedes albopictus</i> , in Cameroon (Central Africa). <i>PLoS ONE</i> , 2011, 6, e20257.	1.1	72
53	Species and Populations of the <i>Anopheles gambiae</i> Complex in Cameroon with Special Emphasis on Chromosomal and Molecular Forms of <i>Anopheles gambiae</i> s.s.. <i>Journal of Medical Entomology</i> , 2005, 42, 998-1005.	0.9	71
54	Malaria vectors and urbanization in the equatorial forest region of south Cameroon. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2005, 99, 347-354.	0.7	69

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55	Trends in DDT and pyrethroid resistance in <i>Anopheles gambiae</i> s.s. populations from urban and agro-industrial settings in southern Cameroon. <i>BMC Infectious Diseases</i> , 2009, 9, 163.	1.3	69
56	High Malaria Transmission Intensity Due to <i>Anopheles funestus</i> (Diptera: Culicidae) in a Village of Savannah-Forest Transition Area in Cameroon. <i>Journal of Medical Entomology</i> , 2004, 41, 901-905.	0.9	68
57	Mixed Swarms of the Molecular M and S Forms of <i>Anopheles gambiae</i> (Diptera: Culicidae) in Sympatric Area from Burkina Faso. <i>Journal of Medical Entomology</i> , 2006, 43, 480-483.	0.9	68
58	KDR Mutation, a Genetic Marker to Assess Events of Introgression Between the Molecular M and S Forms of <i>Anopheles gambiae</i> (Diptera: Culicidae) in the Tropical Savannah Area of West Africa. <i>Journal of Medical Entomology</i> , 2003, 40, 195-198.	0.9	67
59	MOLECULAR KARYOTYPING OF THE 2LA INVERSION IN ANOPHELES GAMBIAE. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 334-339.	0.6	67
60	Distribution of insensitive acetylcholinesterase (<i>ace-1R</i>) in <i>Anopheles gambiae</i> s.l. populations from Burkina Faso (West Africa). <i>Tropical Medicine and International Health</i> , 2009, 14, 396-403.	1.0	64
61	Molecular identification of the <i>Anopheles nili</i> group of African malaria vectors. <i>Medical and Veterinary Entomology</i> , 2003, 17, 67-74.	0.7	62
62	Patterns of sugar feeding and host plant preferences in adult males of <i>An. gambiae</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.5	62
63	Chromosomal Inversions, Natural Selection and Adaptation in the Malaria Vector <i>Anopheles funestus</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 745-758.	3.5	62
64	Chromosomal plasticity and evolutionary potential in the malaria vector <i>Anopheles gambiae</i> sensu stricto: insights from three decades of rare paracentric inversions. <i>BMC Evolutionary Biology</i> , 2008, 8, 309.	3.2	60
65	Mixed Swarms of the Molecular M and S Forms of <i>Anopheles gambiae</i> (Diptera: Culicidae) in Sympatric Area from Burkina Faso. <i>Journal of Medical Entomology</i> , 2006, 43, 480-483.	0.9	59
66	Autochthonous Chikungunya Transmission and Extreme Climate Events in Southern France. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003854.	1.3	59
67	Current and future distribution of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae) in WHO Eastern Mediterranean Region. <i>International Journal of Health Geographics</i> , 2018, 17, 4.	1.2	58
68	Patterns of Genomic Differentiation between Ecologically Differentiated M and S Forms of <i>Anopheles gambiae</i> in West and Central Africa. <i>Genome Biology and Evolution</i> , 2012, 4, 1202-1212.	1.1	57
69	Evidence for carry-over effects of predator exposure on pathogen transmission potential. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152430.	1.2	56
70	A new species in the major malaria vector complex sheds light on reticulated species evolution. <i>Scientific Reports</i> , 2019, 9, 14753.	1.6	56
71	malERA: An updated research agenda for insecticide and drug resistance in malaria elimination and eradication. <i>PLoS Medicine</i> , 2017, 14, e1002450.	3.9	55
72	Population dynamics of <i>Anopheles gambiae</i> s.l. in Bobo-Dioulasso city: bionomics, infection rate and susceptibility to insecticides. <i>Parasites and Vectors</i> , 2012, 5, 127.	1.0	54

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73	Plant-Mediated Effects on Mosquito Capacity to Transmit Human Malaria. <i>PLoS Pathogens</i> , 2016, 12, e1005773.	2.1	54
74	Intraspecific nucleotide variation in <i>Anopheles gambiae</i> : new insights into the biology of malaria vectors. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 795-802.	0.6	54
75	Association Mapping of Insecticide Resistance in Wild <i>Anopheles gambiae</i> Populations: Major Variants Identified in a Low-Linkage Disequilibrium Genome. <i>PLoS ONE</i> , 2010, 5, e13140.	1.1	53
76	Description and Bionomics of <i>Anopheles (Cellia) ovengensis</i> (Diptera: Culicidae), a New Malaria Vector Species of the <i>Anopheles nili</i> Group from South Cameroon. <i>Journal of Medical Entomology</i> , 2004, 41, 561-568.	0.9	52
77	Chromosomal and environmental determinants of morphometric variation in natural populations of the malaria vector <i>Anopheles funestus</i> in Cameroon. <i>Infection, Genetics and Evolution</i> , 2011, 11, 940-947.	1.0	51
78	Chromosome inversions and ecological plasticity in the main African malaria mosquitoes. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 686-701.	1.1	51
79	Larval Development of the Molecular Forms of <i>Anopheles gambiae</i> (Diptera: Culicidae) in Different Habitats: A Transplantation Experiment. <i>Journal of Medical Entomology</i> , 2005, 42, 548-553.	0.9	50
80	Effects of Age and Size on <i>Anopheles gambiae</i> s.s. Male Mosquito Mating Success. <i>Journal of Medical Entomology</i> , 2013, 50, 285-293.	0.9	50
81	Natural swarming behaviour of the molecular M form of <i>Anopheles gambiae</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2003, 97, 713-716.	0.7	49
82	Behavioural responses of <i>Anopheles gambiae</i> sensu stricto M and S molecular form larvae to an aquatic predator in Burkina Faso. <i>Parasites and Vectors</i> , 2012, 5, 65.	1.0	49
83	Gene Flow Between Chromosomal Forms of the Malaria Vector <i>Anopheles funestus</i> in Cameroon, Central Africa, and Its Relevance in Malaria Fighting. <i>Genetics</i> , 2005, 169, 301-311.	1.2	48
84	Molecular karyotyping of the 2La inversion in <i>Anopheles gambiae</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 334-9.	0.6	48
85	The distribution of insecticide resistance in <i>Anopheles gambiae</i> s.l. populations from Cameroon: an update. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 1127-1138.	0.7	47
86	Potential of <i>Aedes albopictus</i> as a bridge vector for enzootic pathogens at the urban-forest interface in Brazil. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	3.0	47
87	First report of the oriental mosquito <i>Aedes albopictus</i> on the West African island of Bioko, Equatorial Guinea. <i>Medical and Veterinary Entomology</i> , 2003, 17, 343-346.	0.7	46
88	Differential gene expression in incipient species of <i>Anopheles gambiae</i> . <i>Molecular Ecology</i> , 2008, 17, 2491-2504.	2.0	46
89	Bionomics of Anopheline species and malaria transmission dynamics along an altitudinal transect in Western Cameroon. <i>BMC Infectious Diseases</i> , 2010, 10, 119.	1.3	46
90	Kdr-based insecticide resistance in <i>Anopheles gambiae</i> s.s populations in Cameroon: spread of the L1014F and L1014S mutations. <i>BMC Research Notes</i> , 2011, 4, 463.	0.6	46

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91	Swarming behaviour in natural populations of <i>Anopheles gambiae</i> and <i>An. coluzzii</i> : Review of 4 years survey in rural areas of sympatry, Burkina Faso (West Africa). <i>Acta Tropica</i> , 2014, 132, S42-S52.	0.9	46
92	SNP discovery and molecular evolution in <i>Anopheles gambiae</i> , with special emphasis on innate immune system. <i>BMC Genomics</i> , 2008, 9, 227.	1.2	44
93	Insecticide resistance in <i>Anopheles gambiae</i> from south-western Chad, Central Africa. <i>Malaria Journal</i> , 2008, 7, 192.	0.8	42
94	Population structure of the malaria vector <i>Anopheles funestus</i> in Senegal based on microsatellite and cytogenetic data. <i>Insect Molecular Biology</i> , 2004, 13, 251-258.	1.0	41
95	Molecular Evolution of Immune Genes in the Malaria Mosquito <i>Anopheles gambiae</i> . <i>PLoS ONE</i> , 2009, 4, e4549.	1.1	41
96	Geographic Distribution and Breeding Site Preference of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> (Diptera: Culicidae) in Cameroon, Central Africa. <i>Journal of Medical Entomology</i> , 2005, 42, 726-731.	0.9	40
97	Efficacy of bifenthrin-impregnated bednets against <i>Anopheles funestus</i> and pyrethroid-resistant <i>Anopheles gambiae</i> in North Cameroon. <i>Malaria Journal</i> , 2006, 5, 77.	0.8	40
98	Morphological and genetic variability within <i>Aedes aegypti</i> in Niakhar, Senegal. <i>Infection, Genetics and Evolution</i> , 2010, 10, 473-480.	1.0	40
99	Mosquitoes (Diptera: Culicidae) in Mauritania: a review of their biodiversity, distribution and medical importance. <i>Parasites and Vectors</i> , 2017, 10, 35.	1.0	40
100	Molecular differentiation of three closely related members of the mosquito species complex, <i>Anopheles moucheti</i> , by mitochondrial and ribosomal DNA polymorphism. <i>Medical and Veterinary Entomology</i> , 2007, 21, 177-182.	0.7	39
101	Dissecting functional components of reproductive isolation among closely related sympatric species of the <i>Anopheles gambiae</i> complex. <i>Evolutionary Applications</i> , 2017, 10, 1102-1120.	1.5	39
102	Malaria transmission and rice cultivation in Lagdo, northern Cameroon. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 352-359.	0.7	38
103	Genetic population structure of <i>Anopheles gambiae</i> in Equatorial Guinea. <i>Malaria Journal</i> , 2007, 6, 137.	0.8	37
104	Assortative mating in mixed swarms of the mosquito <i>Anopheles gambiae</i> s.s. M and S molecular forms, in Burkina Faso, West Africa. <i>Medical and Veterinary Entomology</i> , 2013, 27, 298-312.	0.7	37
105	Natural <i>Wolbachia</i> infections are common in the major malaria vectors in Central Africa. <i>Evolutionary Applications</i> , 2019, 12, 1583-1594.	1.5	36
106	The molecular evolution of four anti-malarial immune genes in the <i>Anopheles gambiae</i> species complex. <i>BMC Evolutionary Biology</i> , 2008, 8, 79.	3.2	35
107	Population genetic structure of the malaria vector <i>Anopheles nili</i> in sub-Saharan Africa. <i>Malaria Journal</i> , 2010, 9, 161.	0.8	34
108	Sterile Insect Technique (SIT) against <i>Aedes</i> Species Mosquitoes: A Roadmap and Good Practice Framework for Designing, Implementing and Evaluating Pilot Field Trials. <i>Insects</i> , 2021, 12, 191.	1.0	34

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109	Malaria vectors and transmission dynamics in Goulmoun, a rural city in south-western Chad. BMC Infectious Diseases, 2009, 9, 71.	1.3	33
110	Polymorphism of intron 4 in the voltage-gated sodium channel gene of <i>Anopheles gambiae</i> s.s. populations from Cameroon with emphasis on insecticide knockdown resistance mutations. Molecular Ecology, 2009, 18, 3076-3086.	2.0	33
111	Novel insights into the metabolic and biochemical underpinnings assisting dry-season survival in female malaria mosquitoes of the <i>Anopheles gambiae</i> complex. Journal of Insect Physiology, 2014, 70, 102-116.	0.9	33
112	Gene Flow Between Domestic and Sylvan Populations of <i>Aedes aegypti</i> (Diptera: Culicidae). PLoS ONE, 2010, 5, e11971.	0.9	31
113	Polymorphism at the defensin gene in the <i>Anopheles gambiae</i> complex: Testing different selection hypotheses. Infection, Genetics and Evolution, 2007, 7, 285-292.	1.0	30
114	First report of the L1014S kdr mutation in wild populations of <i>Anopheles gambiae</i> M and S molecular forms in Burkina Faso (West Africa). Acta Tropica, 2013, 125, 123-127.	0.9	30
115	Trapping the Tiger: Efficacy of the Novel BG-Sentinel 2 With Several Attractants and Carbon Dioxide for Collecting <i>Aedes albopictus</i> (Diptera: Culicidae) in Southern France. Journal of Medical Entomology, 2016, 53, 460-465.	0.9	30
116	High Genetic Differentiation between the M and S Molecular Forms of <i>Anopheles gambiae</i> in Africa. PLoS ONE, 2008, 3, e1968.	1.1	30
117	Geographic population structure of the African malaria vector <i>Anopheles gambiae</i> suggests a role for the forest-savannah biome transition as a barrier to gene flow. Evolutionary Applications, 2013, 6, 910-924.	1.5	29
118	Effect of three larval diets on larval development and male sexual performance of <i>Anopheles gambiae</i> s.s.. Acta Tropica, 2014, 132, S96-S101.	0.9	29
119	Patterns of Selection in Anti-Malarial Immune Genes in Malaria Vectors: Evidence for Adaptive Evolution in LRIM1 in <i>Anopheles arabiensis</i> . PLoS ONE, 2007, 2, e793.	1.1	28
120	Occurrence of natural <i>Anopheles arabiensis</i> swarms in an urban area of Bobo-Dioulasso city, Burkina Faso, West Africa. Acta Tropica, 2014, 132, S35-S41.	0.9	28
121	Population structure of the malaria vector <i>Anopheles moucheti</i> in the equatorial forest region of Africa. Malaria Journal, 2008, 7, 120.	0.8	26
122	Seasonal variation in wing size and shape between geographic populations of the malaria vector, <i>Anopheles coluzzii</i> in Burkina Faso (West Africa). Acta Tropica, 2015, 143, 79-88.	0.9	26
123	Distribution and larval habitat characterization of <i>Anopheles moucheti</i> , <i>Anopheles nili</i> , and other malaria vectors in river networks of southern Cameroon. Acta Tropica, 2009, 112, 270-276.	0.9	25
124	Isolation and characterization of microsatellite DNA markers in the malaria vector <i>Anopheles funestus</i> . Molecular Ecology Notes, 2002, 2, 498-500.	1.7	24
125	Metabolomic and Ecdysteroid Variations in <i>Anopheles gambiae</i> s.l. Mosquitoes Exposed to the Stressful Conditions of the Dry Season in Burkina Faso, West Africa. Physiological and Biochemical Zoology, 2014, 87, 486-497.	0.6	24
126	Exploring Proteins in <i>Anopheles gambiae</i> Male and Female Antennae through MALDI Mass Spectrometry Profiling. PLoS ONE, 2008, 3, e2822.	1.1	24

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127	Impact of insecticide-treated bed nets implementation on the genetic structure of <i>Anopheles arabiensis</i> in an area of irrigated rice fields in the Sahelian region of Cameroon. <i>Molecular Ecology</i> , 2005, 14, 3683-3693.	2.0	23
128	Divergence in threat sensitivity among aquatic larvae of cryptic mosquito species. <i>Journal of Animal Ecology</i> , 2014, 83, 702-711.	1.3	23
129	No evidence for manipulation of <i>Anopheles gambiae</i> , <i>An. coluzzii</i> and <i>An. arabiensis</i> host preference by <i>Plasmodium falciparum</i> . <i>Scientific Reports</i> , 2017, 7, 9415.	1.6	23
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