Sylvie Manguin

List of Publications by Year
in descending order

100 papers	5,293 citations	109321 35 h-index	95266 68 g-index
107 all docs	107 docs citations	107 times ranked	4054 citing authors

#	Article	IF	Citations
1	Scientific achievements and reflections after 20Âyears of vector biology and control research at the Pu Teuy mosquito field research station, Thailand. Malaria Journal, 2022, 21, 44.	2.3	3
2	New assessment of Anopheles vector species identification using MALDI-TOF MS. Malaria Journal, 2021, 20, 33.	2.3	15
3	Evaluation of fecal immunoassays for canine Echinococcus infection in China. PLoS Neglected Tropical Diseases, 2021, 15, e0008690.	3.0	6
4	Fast Expansion of the Asian-Pacific Genotype of the Chikungunya Virus in Indonesia. Frontiers in Cellular and Infection Microbiology, 2021, 11, 631508.	3.9	4
5	Review of Issues on Residual Malaria Transmission. Journal of Infectious Diseases, 2021, 223, S61-S80.	4.0	38
6	Trophic Behavior and Species Diversity of the Anopheles barbirostris Complex (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.8	3
7	Assessment of Mosquito Collection Methods for Dengue Surveillance. Frontiers in Medicine, 2021, 8, 685926.	2.6	2
8	Homogeneity and Possible Replacement of Populations of the Dengue Vectors Aedes aegypti and Aedes albopictus in Indonesia. Frontiers in Cellular and Infection Microbiology, 2021, 11, 705129.	3.9	5
9	Defeating malaria in the North-East region: the forerunner for malaria elimination in India. Acta Tropica, 2021, 222, 106040.	2.0	7
10	Prevalence and spatial distribution characteristics of human echinococcosis in China. PLoS Neglected Tropical Diseases, 2021, 15, e0009996.	3.0	16
11	Stegomyia Indices and Risk of Dengue Transmission: A Lack of Correlation. Frontiers in Public Health, 2020, 8, 328.	2.7	23
12	Species diversity and insecticide resistance within the Anopheles hyrcanus group in Ubon Ratchathani Province, Thailand. Parasites and Vectors, 2020, 13, 525.	2.5	5
13	Excito-repellency and biological safety of Î²-caryophyllene oxide against Aedes albopictus and Anopheles dirus (Diptera: Culicidae). Acta Tropica, 2020, 210, 105556.	2.0	13
14	Bacterial Microbiome in Wild-Caught Anopheles Mosquitoes in Western Thailand. Frontiers in Microbiology, 2020, 11, 965.	3.5	13
15	Genetic homogeneity of Anopheles maculatus in Indonesia and origin of a novel species present in Central Java. Parasites and Vectors, 2019, 12, 351.	2.5	2
16	Imported malaria cases in former endemic and non-malaria endemic areas in China: are there differences in case profile and time to response?. Infectious Diseases of Poverty, 2019, 8, 61.	3.7	22
17	First evidence of the presence of genotype-1 of Japanese encephalitis virus in Culex gelidus in Indonesia. Parasites and Vectors, 2019, 12, 19.	2.5	12
18	Excito-repellent activity of Î²-caryophyllene oxide against Aedes aegypti and Anopheles minimus. Acta Tropica, 2019, 197, 105030.	2.0	32

#	Article	IF	Citations
19	Malaria Vectors and Species Complexes in Thailand: Implications for Vector Control. Trends in Parasitology, 2019, 35, 544-558.	3.3	25
20	A multiplex PCR assay for the identification of five species of the Anopheles barbirostris complex in Thailand. Parasites and Vectors, 2019, 12, 223.	2.5	29
21	Diversity and biting patterns of Anopheles species in a malaria endemic area, Umphang Valley, Tak Province, western Thailand. Acta Tropica, 2019, 190, 183-192.	2.0	16
22	Monitoring of malaria vectors at the China-Myanmar border while approaching malaria elimination. Parasites and Vectors, 2018, 11, 511.	2.5	16
23	Japanese encephalitis in Indonesia: An update on epidemiology and transmission ecology. Acta Tropica, 2018, 187, 240-247.	2.0	26
24	Malaria overdiagnosis and subsequent overconsumption of antimalarial drugs in Angola: Consequences and effects on human health. Acta Tropica, 2017, 171, 58-63.	2.0	11
25	Anopheles Vectors in Mainland China While Approaching Malaria Elimination. Trends in Parasitology, 2017, 33, 889-900.	3.3	39
26	Diversity of the Bacterial Microbiota of Anopheles Mosquitoes from Binh Phuoc Province, Vietnam. Frontiers in Microbiology, 2016, 7, 2095.	3.5	28
27	Biology, distribution and control of Anopheles (Cellia) minimus in the context of malaria transmission in northeastern India. Parasites and Vectors, 2016, 9, 585.	2.5	28
28	Comparative Excito-Repellency of Three Cambodian Plant-Derived Extracts Against Two Mosquito Vector Species,Aedes aegyptiandAnopheles minimus. Journal of the American Mosquito Control Association, 2016, 32, 185-193.	0.7	4
29	Bacterial Diversity Associated with Wild Caught Anopheles Mosquitoes from Dak Nong Province, Vietnam Using Culture and DNA Fingerprint. PLoS ONE, 2015, 10, e0118634.	2.5	24
30	Spatio-temporal variations of Anopheles coluzzii and An. gambiae and their Plasmodium infectivity rates in Lobito, Angola. Journal of Vector Ecology, 2015, 40, 172-179.	1.0	9
31	Anopheles species diversity and distribution of the malaria vectors of Thailand. Trends in Parasitology, 2015, 31, 109-119.	3.3	63
32	Diversity of Anopheles species and trophic behavior of putative malaria vectors in two malaria endemic areas of northwestern Thailand. Journal of Vector Ecology, 2014, 39, 424-436.	1.0	29
33	Influence of Time of Assay on Behavioral Responses of Laboratory and Field Populations <I>Aedes aegypti</I> and <I>Culex quinquefasciatus</I> (Diptera: Culicidae) to DEET. Journal of Medical Entomology, 2014, 51, 1227-1236.	1.8	14
34	Pyrethroid susceptibility and behavioral avoidance inAnopheles epiroticus, a malaria vector in Thailand. Journal of Vector Ecology, 2014, 39, 32-43.	1.0	8
35	Diversity of Anopheles mosquitoes in Binh Phuoc and Dak Nong Provinces of Vietnam and their relation to disease. Parasites and Vectors, 2014, 7, 316.	2.5	21
36	Comparative assessment of the bacterial communities associated with Aedes aegypti larvae and water from domestic water storage containers. Parasites and Vectors, 2014, 7, 391.	2.5	71

#	Article	IF	Citations
37	Biting patterns and host preference of Anopheles epiroticus in Chang Island, Trat Province, eastern Thailand. Journal of Vector Ecology, 2014, 39, 361-371.	1.0	14
38	Taxonomic assessment of Anopheles crawfordi and An. dangi of the Hyrcanus Group of subgenus Anopheles in Vietnam. Acta Tropica, 2013, 128, 623-629.	2.0	4
39	Species diversity and biting activity of Anopheles dirus and Anopheles baimaii (Diptera: Culicidae) in a malaria prone area of western Thailand. Parasites and Vectors, 2012, 5, 211.	2.5	53
40	A global map of dominant malaria vectors. Parasites and Vectors, 2012, 5, 69.	2.5	485
41	Assessment of geraniol-incorporated polymers to controlAedes albopictus(Diptera: culicidae). Parasite, 2012, 19, 427-432.	2.0	6
42	Human Antibody Response to Anopheles Saliva for Comparing the Efficacy of Three Malaria Vector Control Methods in Balombo, Angola. PLoS ONE, 2012, 7, e44189.	2.5	33
43	The dominant Anopheles vectors of human malaria in the Asia-Pacific region: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2011, 4, 89.	2.5	401
44	Review on global co-transmission of human Plasmodium species and Wuchereria bancrofti by Anopheles mosquitoes. Infection, Genetics and Evolution, 2010, 10, 159-177.	2.3	129
45	Entomological survey and report of a knockdown resistance mutation in the malaria vector Anopheles gambiae from the Republic of Guinea. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 484-489.	1.8	13
46	Developing Global Maps of the Dominant Anopheles Vectors of Human Malaria. PLoS Medicine, 2010, 7, e1000209.	8.4	161
47	The dominant Anopheles vectors of human malaria in Africa, Europe and the Middle East: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2010, 3, 117.	2.5	508
48	The dominant Anopheles vectors of human malaria in the Americas: occurrence data, distribution maps and bionomic prÃ©cis. Parasites and Vectors, 2010, 3, 72.	2.5	270
49	Bionomics, taxonomy, and distribution of the major malaria vector taxa of Anopheles subgenus Cellia in Southeast Asia: An updated review. Infection, Genetics and Evolution, 2008, 8, 489-503.	2.3	141
50	Distribution of Anopheles in Vietnam, with particular attention to malaria vectors of the Anopheles minimus complex. Malaria Journal, 2008, 7, 11.	2.3	32
51	Genetic structure and gene flow of Anopheles minimus and Anopheles harrisoni in Kanchanaburi Province, Thailand. Journal of Vector Ecology, 2008, 33, 158-165.	1.0	7
52	Polymerase Chain Reaction Identification of Three Members of the <I>Anopheles sundaicus</I> (Diptera: Culicidae) Complex, Malaria Vectors in Southeast Asia. Journal of Medical Entomology, 2007, 44, 723-731.	1.8	32
53	Polymerase Chain Reaction Identification of Three Members of theAnopheles sundaicus(Diptera:) Tj ETQq1 1 0.784314 rgBT /O 723-731.	1.8	42
54	Formal taxonomy of species C of the Anopheles minimus sibling species complex (Diptera: Culicidae). Zootaxa, 2007, 1654, 41-54.	0.5	38

#	Article	IF	Citations
55	Speciation and phylogeography of the Southeast Asian Anopheles sundaicus complex. Infection, Genetics and Evolution, 2007, 7, 484-493.	2.3	30
56	HOW RELIABLE IS THE HUMERAL PALE SPOT FOR IDENTIFICATION OF CRYPTIC SPECIES OF THE MINIMUS COMPLEX?. Journal of the American Mosquito Control Association, 2006, 22, 185-191.	0.7	20
57	Impact of the Rift Valley on Restriction Fragment Length Polymorphism Typing of the Major African Malaria VectorAnopheles funestus(Diptera: Culicidae). Journal of Medical Entomology, 2006, 43, 1178-1184.	1.8	16
58	Review of the Minimus Complex of Anopheles, main malaria vector in Southeast Asia: from taxonomic issues to vector control strategies. Tropical Medicine and International Health, 2006, 11, 102-114.	2.3	69
59	Impact of the Rift Valley on Restriction Fragment Length Polymorphism Typing of the Major African Malaria Vector <I>Anopheles funestus</I> (Diptera: Culicidae). Journal of Medical Entomology, 2006, 43, 1178-1184.	1.8	14
60	Trophic behavior and biting activity of the two sibling species of the Anopheles minimus complex in western Thailand. Journal of Vector Ecology, 2006, 31, 252-261.	1.0	42
61	Morphological Assessment and Molecular Phylogenetics of the Funestus and Minimus Groups ofAnopheles(Cellia). Journal of Medical Entomology, 2005, 42, 522-536.	1.8	46
62	FIRST RECORD OF ANOPHELES MINIMUS C AND SIGNIFICANT DECREASE OF AN. MINIMUS A IN CENTRAL VIETNAM. Journal of the American Mosquito Control Association, 2005, 21, 139-143.	0.7	21
63	Morphological Assessment and Molecular Phylogenetics of the Funestus and Minimus Groups of <I>Anopheles</I> (<I>Cellia</I>). Journal of Medical Entomology, 2005, 42, 522-536.	1.8	26
64	Systematics and Biogeographical Implications of the Phylogenetic Relationships Between Members of the Funestus and Minimus Groups of <I>Anopheles</I> (Diptera: Culicidae). Journal of Medical Entomology, 2005, 42, 7-18.	1.8	12
65	Systematics and Biogeographical Implications of the Phylogenetic Relationships Between Members of the Funestus and Minimus Groups ofAnopheles(Diptera: Culicidae). Journal of Medical Entomology, 2005, 42, 7-18.	1.8	44
66	Information Erasure and Recovery in Quantum Memory. Chinese Physics Letters, 2004, 21, 1189-1190.	3.3	10
67	Anopheles (Anopheles) pseudopunctipennisTheobald (Diptera: Culicidae): Neotype Designation and Description. Journal of Medical Entomology, 2004, 41, 12-22.	1.8	14
68	Molecular Evidence of Speciation Between Island and Continental Populations ofAnopheles(Cellia)sundaicus(Diptera: Culicidae), a Principal Malaria Vector Taxon in Southeast Asia. Journal of Medical Entomology, 2004, 41, 287-295.	1.8	37
69	RESTRICTION FRAGMENT LENGTH POLYMORPHISM METHOD FOR THE IDENTIFICATION OF MAJOR AFRICAN AND ASIAN MALARIA VECTORS WITHIN THE ANOPHELES FUNESTUS AND AN. MINIMUS GROUPS. American Journal of Tropical Medicine and Hygiene, 2004, 70, 260-265.	1.4	54
70	A SINGLE MULTIPLEX ASSAY TO IDENTIFY MAJOR MALARIA VECTORS WITHIN THE AFRICAN ANOPHELES FUNESTUS AND THE ORIENTAL AN. MINIMUS GROUPS. American Journal of Tropical Medicine and Hygiene, 2004, 70, 583-590.	1.4	84
71	BIONOMICS AND SYSTEMATICS OF THE ORIENTAL ANOPHELES SUNDAICUS COMPLEX IN RELATION TO MALARIA TRANSMISSION AND VECTOR CONTROL. American Journal of Tropical Medicine and Hygiene, 2004, 71, 518-524.	1.4	43
72	A single multiplex assay to identify major malaria vectors within the African Anopheles funestus and the Oriental An. minimus groups. American Journal of Tropical Medicine and Hygiene, 2004, 70, 583-90.	1.4	44

#	Article	IF	Citations
73	Bionomics and systematics of the oriental Anopheles sundaicus complex in relation to malaria transmission and vector control. American Journal of Tropical Medicine and Hygiene, 2004, 71, 518-24.	1.4	21
74	Pyrethroid and DDT cross-resistance in Aedes aegypti is correlated with novel mutations in the voltage-gated sodium channel gene. Medical and Veterinary Entomology, 2003, 17, 87-94.	1.5	339
75	Genetic variability among Paecilomyces fumosoroseus isolates from various geographical and host insect origins based on the rDNA-ITS regions. Mycological Research, 2002, 106, 1066-1074.	2.5	35
76	SCAR markers and multiplex PCR-based identification of isomorphic species in the Anopheles dirus complex in Southeast Asia. Medical and Veterinary Entomology, 2002, 16, 46-54.	1.5	51
77	Spatial distribution of adult Anopheles darlingi and Anopheles albimanus in relation to riparian habitats in Belize, Central America. Journal of Vector Ecology, 2002, 27, 21-30.	1.0	28
78	Role of residual spraying for malaria control in Belize. Journal of Vector Ecology, 2002, 27, 63-9.	1.0	13
79	A multiplex PCR-based method derived from random amplified polymorphic DNA (RAPD) markers for the identification of species of the Anopheles minimus group in Southeast Asia. Insect Molecular Biology, 2001, 10, 427-435.	2.0	42
80	The kdr mutation occurs in the Mopti form of Anopheles gambiaes.s. through introgression. Insect Molecular Biology, 2000, 9, 451-455.	2.0	160
81	Modifications of pyrethroid effects associated with kdr mutation in Anopheles gambiae. Medical and Veterinary Entomology, 2000, 14, 81-88.	1.5	177
82	DDT house spraying and re-emerging malaria. Lancet, The, 2000, 356, 330-332.	13.7	132
83	Population structure of the primary malaria vector in South America, Anopheles darlingi, using isozyme, random amplified polymorphic DNA, internal transcribed spacer 2, and morphologic markers.. American Journal of Tropical Medicine and Hygiene, 1999, 60, 364-376.	1.4	85
84	Drought and malaria retreat in the Sahel, West Africa. Lancet, The, 1996, 348, 1735-1736.	13.7	56
85	Anopheles albimanus (Diptera: Culicidae) and Cyanobacteria: An Example of Larval Habitat Selection. Environmental Entomology, 1996, 25, 1058-1067.	1.4	40
86	Characterization of Anopheles darlingi (Diptera: Culicidae) Larval Habitats in Belize, Central America. Journal of Medical Entomology, 1996, 33, 205-211.	1.8	64
87	Predictions of Malaria Vector Distribution in Belize Based on Multispectral Satellite Data. American Journal of Tropical Medicine and Hygiene, 1996, 54, 304-308.	1.4	70
88	Biochemical Systematics and Population Genetic Structure of Anopheles pseudopunctipennis, Vector of Malaria in Central and South America. American Journal of Tropical Medicine and Hygiene, 1995, 53, 362-377.	1.4	40
89	Predictions of Adult Anopheles albimanus Densities in Villages Based on Distances to Remotely Sensed Larval Habitats. American Journal of Tropical Medicine and Hygiene, 1995, 53, 482-488.	1.4	68
90	Morphological and Macromolecular Characterization of Hypocrea schweinitzii and Its Trichoderma Anamorph. Mycologia, 1994, 86, 421.	1.9	23

#	Article	IF	Citations
91	Environmental and Regional Determinants of Anopheles (Diptera: Culicidae) Larval Distribution in Belize, Central America. Environmental Entomology, 1993, 22, 978-992.	1.4	52
92	Genetics, Taxonomy, and Ecology of Certain Species of Galerucella (Coleoptera: Chrysomelidae). Annals of the Entomological Society of America, 1993, 86, 397-410.	2.5	40
93	Developmental genetics in larvae, pupae and adults ofSepedon fuscipennis fuscipennis [Dipt.: Sciomyzidae]. Entomophaga, 1991, 36, 183-192.	0.2	3
94	A SECOND AUSTRALIAN SPECIES OFPHERBELLIAROBINEAUDESVOIDY (DIPTERA: SCIOMYZIDAE)1. Australian Journal of Entomology, 1990, 29, 281-286.	1.1	1
95	Population genetics and biochemical systematics of marsh flies in the Sepedon fuscipennis group (diptera: sciomyzidae). Biochemical Systematics and Ecology, 1990, 18, 447-452.	1.3	5
96	Prey Consumption by Larvae of Tetanocera ferruginea (Diptera: Sciomyzidae) in Relation to Number of Snail Prey Species Available. Annals of the Entomological Society of America, 1989, 82, 588-592.	2.5	11
97	PrÃ©dation de mollusques dulÃ§aquicoles par les larves malacophages de Tetanocera ferruginea Fallen, 1820 (Diptera, Sciomyzidae). Canadian Journal of Zoology, 1986, 64, 2832-2836.	1.0	7
98	Global Impact of Mosquito Biodiversity, Human Vector-Borne Diseases and Environmental Change. , 0, , .		23
99	Bacterial Biodiversity in Midguts of Anopheles Mosquitoes, Malaria Vectors in Southeast Asia. , 0, , .		3
100	Malaria Elimination in the Peopleâ€™s Republic of China: Current Progress, Challenges, and Prospects. , 0, , .		7