

Sylvie Manguin

List of Publications by Year in descending order

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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	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
2	A global map of dominant malaria vectors. Parasites and Vectors, 2012, 5, 69.	2.5	485
3	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
4	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
5	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
6	Modifications of pyrethroid effects associated with kdr mutation in Anopheles gambiae. Medical and Veterinary Entomology, 2000, 14, 81-88.	1.5	177
7	Developing Global Maps of the Dominant Anopheles Vectors of Human Malaria. PLoS Medicine, 2010, 7, e1000209.	8.4	161
8	The kdr mutation occurs in the Mopti form of Anopheles gambiae.s. through introgression. Insect Molecular Biology, 2000, 9, 451-455.	2.0	160
9	Bionomics, taxonomy, and distribution of the major malaria vector taxa of Anopheles subgenus Cellaia in Southeast Asia: An updated review. Infection, Genetics and Evolution, 2008, 8, 489-503.	2.3	141
10	DDT house spraying and re-emerging malaria. Lancet, The, 2000, 356, 330-332.	13.7	132
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Characterization of Anopheles darlingi (Diptera: Culicidae) Larval Habitats in Belize, Central America. Journal of Medical Entomology, 1996, 33, 205-211.	1.8	64

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19	Anopheles species diversity and distribution of the malaria vectors of Thailand. Trends in Parasitology, 2015, 31, 109-119.	3.3	63
20	Drought and malaria retreat in the Sahel, West Africa. Lancet, The, 1996, 348, 1735-1736.	13.7	56
21	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
22	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
23	Environmental and Regional Determinants of Anopheles (Diptera: Culicidae) Larval Distribution in Belize, Central America. Environmental Entomology, 1993, 22, 978-992.	1.4	52
24	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
25	Morphological Assessment and Molecular Phylogenetics of the Funestus and Minimus Groups of Anopheles (Culicidae). Journal of Medical Entomology, 2005, 42, 522-536.	1.8	46
26	Systematics and Biogeographical Implications of the Phylogenetic Relationships Between Members of the Funestus and Minimus Groups of Anopheles (Diptera: Culicidae). Journal of Medical Entomology, 2005, 42, 7-18.	1.8	44
27	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
28	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
29	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
30	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
31	Polymerase Chain Reaction Identification of Three Members of the Anopheles sundaicus (Diptera: Culicidae) Tj ETQq1 1 0.784314 rGBT /C 723-731.	1.8	42
32	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
33	Anopheles albimanus (Diptera: Culicidae) and Cyanobacteria: An Example of Larval Habitat Selection. Environmental Entomology, 1996, 25, 1058-1067.	1.4	40
34	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
35	Anopheles Vectors in Mainland China While Approaching Malaria Elimination. Trends in Parasitology, 2017, 33, 889-900.	3.3	39
36	Formal taxonomy of species C of the Anopheles minimus sibling species complex (Diptera: Culicidae). Zootaxa, 2007, 1654, 41-54.	0.5	38

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37	Review of Issues on Residual Malaria Transmission. <i>Journal of Infectious Diseases</i> , 2021, 223, S61-S80.	4.0	38
38	Molecular Evidence of Speciation Between Island and Continental Populations of <i>Anopheles (Cellia) sundaicus</i> (Diptera: Culicidae), a Principal Malaria Vector Taxon in Southeast Asia. <i>Journal of Medical Entomology</i> , 2004, 41, 287-295.	1.8	37
39	Genetic variability among <i>Paecilomyces fumosoroseus</i> isolates from various geographical and host insect origins based on the rDNA-ITS regions. <i>Mycological Research</i> , 2002, 106, 1066-1074.	2.5	35
40	Human Antibody Response to <i>Anopheles</i> Saliva for Comparing the Efficacy of Three Malaria Vector Control Methods in Balombo, Angola. <i>PLoS ONE</i> , 2012, 7, e44189.	2.5	33
41	Polymerase Chain Reaction Identification of Three Members of the <i>Anopheles sundaicus</i> (Diptera: Culicidae) Complex, Malaria Vectors in Southeast Asia. <i>Journal of Medical Entomology</i> , 2007, 44, 723-731.	1.8	32
42	Distribution of <i>Anopheles</i> in Vietnam, with particular attention to malaria vectors of the <i>Anopheles minimus</i> complex. <i>Malaria Journal</i> , 2008, 7, 11.	2.3	32
43	Excito-repellent activity of Î ² -caryophyllene oxide against <i>Aedes aegypti</i> and <i>Anopheles minimus</i> . <i>Acta Tropica</i> , 2019, 197, 105030.	2.0	32
44	Speciation and phylogeography of the Southeast Asian <i>Anopheles sundaicus</i> complex. <i>Infection, Genetics and Evolution</i> , 2007, 7, 484-493.	2.3	30
45	Diversity of <i>Anopheles</i> species and trophic behavior of putative malaria vectors in two malaria endemic areas of northwestern Thailand. <i>Journal of Vector Ecology</i> , 2014, 39, 424-436.	1.0	29
46	A multiplex PCR assay for the identification of five species of the <i>Anopheles barbirostris</i> complex in Thailand. <i>Parasites and Vectors</i> , 2019, 12, 223.	2.5	29
47	Diversity of the Bacterial Microbiota of <i>Anopheles</i> Mosquitoes from Binh Phuoc Province, Vietnam. <i>Frontiers in Microbiology</i> , 2016, 7, 2095.	3.5	28
48	Biology, distribution and control of <i>Anopheles (Cellia) minimus</i> in the context of malaria transmission in northeastern India. <i>Parasites and Vectors</i> , 2016, 9, 585.	2.5	28
49	Spatial distribution of adult <i>Anopheles darlingi</i> and <i>Anopheles albimanus</i> in relation to riparian habitats in Belize, Central America. <i>Journal of Vector Ecology</i> , 2002, 27, 21-30.	1.0	28
50	Morphological Assessment and Molecular Phylogenetics of the Funestus and Minimus Groups of <i>Anopheles (Cellia)</i> . <i>Journal of Medical Entomology</i> , 2005, 42, 522-536.	1.8	26
51	Japanese encephalitis in Indonesia: An update on epidemiology and transmission ecology. <i>Acta Tropica</i> , 2018, 187, 240-247.	2.0	26
52	Malaria Vectors and Species Complexes in Thailand: Implications for Vector Control. <i>Trends in Parasitology</i> , 2019, 35, 544-558.	3.3	25
53	Bacterial Diversity Associated with Wild Caught <i>Anopheles</i> Mosquitoes from Dak Nong Province, Vietnam Using Culture and DNA Fingerprint. <i>PLoS ONE</i> , 2015, 10, e0118634.	2.5	24
54	Morphological and Macromolecular Characterization of <i>Hypocrea schweinitzii</i> and Its Trichoderma Anamorph. <i>Mycologia</i> , 1994, 86, 421.	1.9	23

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55	Global Impact of Mosquito Biodiversity, Human Vector-Borne Diseases and Environmental Change. , 0, , .		23
56	<i>Stegomyia</i> Indices and Risk of Dengue Transmission: A Lack of Correlation. <i>Frontiers in Public Health</i> , 2020, 8, 328.	2.7	23
57	Imported malaria cases in former endemic and non-malaria endemic areas in China: are there differences in case profile and time to response?. <i>Infectious Diseases of Poverty</i> , 2019, 8, 61.	3.7	22
58	FIRST RECORD OF ANOPHELES MINIMUS C AND SIGNIFICANT DECREASE OF AN. MINIMUS A IN CENTRAL VIETNAM. <i>Journal of the American Mosquito Control Association</i> , 2005, 21, 139-143.	0.7	21
59	Diversity of Anopheles mosquitoes in Binh Phuoc and Dak Nong Provinces of Vietnam and their relation to disease. <i>Parasites and Vectors</i> , 2014, 7, 316.	2.5	21
60	Bionomics and systematics of the oriental Anopheles sundaicus complex in relation to malaria transmission and vector control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 518-24.	1.4	21
61	HOW RELIABLE IS THE HUMERAL PALE SPOT FOR IDENTIFICATION OF CRYPTIC SPECIES OF THE MINIMUS COMPLEX?. <i>Journal of the American Mosquito Control Association</i> , 2006, 22, 185-191.	0.7	20
62	Impact of the Rift Valley on Restriction Fragment Length Polymorphism Typing of the Major African Malaria Vector <i>Anopheles funestus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2006, 43, 1178-1184.	1.8	16
63	Monitoring of malaria vectors at the China-Myanmar border while approaching malaria elimination. <i>Parasites and Vectors</i> , 2018, 11, 511.	2.5	16
64	Diversity and biting patterns of Anopheles species in a malaria endemic area, Umphang Valley, Tak Province, western Thailand. <i>Acta Tropica</i> , 2019, 190, 183-192.	2.0	16
65	Prevalence and spatial distribution characteristics of human echinococcosis in China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009996.	3.0	16
66	New assessment of Anopheles vector species identification using MALDI-TOF MS. <i>Malaria Journal</i> , 2021, 20, 33.	2.3	15
67	<i>Anopheles (Anopheles) pseudopunctipennis</i> Theobald (Diptera: Culicidae): Neotype Designation and Description. <i>Journal of Medical Entomology</i> , 2004, 41, 12-22.	1.8	14
68	Impact of the Rift Valley on Restriction Fragment Length Polymorphism Typing of the Major African Malaria Vector <i>Anopheles funestus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2006, 43, 1178-1184.	1.8	14
69	Influence of Time of Assay on Behavioral Responses of Laboratory and Field Populations &Aedes aegypti and &Culex quinquefasciatus (Diptera: Culicidae) to DEET. <i>Journal of Medical Entomology</i> , 2014, 51, 1227-1236.	1.8	14
70	Biting patterns and host preference of <i>Anopheles epiroticus</i> in Chang Island, Trat Province, eastern Thailand. <i>Journal of Vector Ecology</i> , 2014, 39, 361-371.	1.0	14
71	Entomological survey and report of a knockdown resistance mutation in the malaria vector <i>Anopheles gambiae</i> from the Republic of Guinea. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 484-489.	1.8	13
72	Excito-repellency and biological safety of $\hat{2}$ -caryophyllene oxide against <i>Aedes albopictus</i> and <i>Anopheles dirus</i> (Diptera: Culicidae). <i>Acta Tropica</i> , 2020, 210, 105556.	2.0	13

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73	Bacterial Microbiome in Wild-Caught Anopheles Mosquitoes in Western Thailand. <i>Frontiers in Microbiology</i> , 2020, 11, 965.	3.5	13
74	Role of residual spraying for malaria control in Belize. <i>Journal of Vector Ecology</i> , 2002, 27, 63-9.	1.0	13
75	Systematics and Biogeographical Implications of the Phylogenetic Relationships Between Members of the Funestus and Minimus Groups of <i>Anopheles</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2005, 42, 7-18.	1.8	12
76	First evidence of the presence of genotype-1 of Japanese encephalitis virus in <i>Culex gelidus</i> in Indonesia. <i>Parasites and Vectors</i> , 2019, 12, 19.	2.5	12
77	Prey Consumption by Larvae of <i>Tetanocera ferruginea</i> (Diptera: Sciomyzidae) in Relation to Number of Snail Prey Species Available. <i>Annals of the Entomological Society of America</i> , 1989, 82, 588-592.	2.5	11
78	Malaria overdiagnosis and subsequent overconsumption of antimalarial drugs in Angola: Consequences and effects on human health. <i>Acta Tropica</i> , 2017, 171, 58-63.	2.0	11
79	Information Erasure and Recovery in Quantum Memory. <i>Chinese Physics Letters</i> , 2004, 21, 1189-1190.	3.3	10
80	Spatio-temporal variations of <i>Anopheles coluzzii</i> and <i>An. gambiae</i> and their <i>Plasmodium</i> infectivity rates in Lobito, Angola. <i>Journal of Vector Ecology</i> , 2015, 40, 172-179.	1.0	9
81	Pyrethroid susceptibility and behavioral avoidance in <i>Anopheles epiroticus</i> , a malaria vector in Thailand. <i>Journal of Vector Ecology</i> , 2014, 39, 32-43.	1.0	8
82	Prévalence de mollusques dulçaquicoles par les larves malacophages de <i>Tetanocera ferruginea</i> Fallen, 1820 (Diptera, Sciomyzidae). <i>Canadian Journal of Zoology</i> , 1986, 64, 2832-2836.	1.0	7
83	Genetic structure and gene flow of <i>Anopheles minimus</i> and <i>Anopheles harrisoni</i> in Kanchanaburi Province, Thailand. <i>Journal of Vector Ecology</i> , 2008, 33, 158-165.	1.0	7
84	Malaria Elimination in the People's Republic of China: Current Progress, Challenges, and Prospects. , 0, , .		7
85	Defeating malaria in the North-East region: the forerunner for malaria elimination in India. <i>Acta Tropica</i> , 2021, 222, 106040.	2.0	7
86	Assessment of geraniol-incorporated polymers to control <i>Aedes albopictus</i> (Diptera: culicidae). <i>Parasite</i> , 2012, 19, 427-432.	2.0	6
87	Evaluation of fecal immunoassays for canine <i>Echinococcus</i> infection in China. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008690.	3.0	6
88	Population genetics and biochemical systematics of marsh flies in the <i>Sepedon fuscipennis</i> group (diptera: sciomyzidae). <i>Biochemical Systematics and Ecology</i> , 1990, 18, 447-452.	1.3	5
89	Species diversity and insecticide resistance within the <i>Anopheles hyrcanus</i> group in Ubon Ratchathani Province, Thailand. <i>Parasites and Vectors</i> , 2020, 13, 525.	2.5	5
90	Homogeneity and Possible Replacement of Populations of the Dengue Vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Indonesia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 705129.	3.9	5

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91	Taxonomic assessment of <i>Anopheles crawfordi</i> and <i>An. dangi</i> of the Hyrcanus Group of subgenus <i>Anopheles</i> in Vietnam. <i>Acta Tropica</i> , 2013, 128, 623-629.	2.0	4
92	Comparative Excito-Repellency of Three Cambodian Plant-Derived Extracts Against Two Mosquito Vector Species, <i>Aedes aegypti</i> and <i>Anopheles minimus</i> . <i>Journal of the American Mosquito Control Association</i> , 2016, 32, 185-193.	0.7	4
93	Fast Expansion of the Asian-Pacific Genotype of the Chikungunya Virus in Indonesia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 631508.	3.9	4
94	Developmental genetics in larvae, pupae and adults of <i>Sepedon fuscipennis fuscipennis</i> [Dipt.: Sciomyzidae]. <i>Entomophaga</i> , 1991, 36, 183-192.	0.2	3
95	Bacterial Biodiversity in Midguts of <i>Anopheles</i> Mosquitoes, Malaria Vectors in Southeast Asia. , 0, , .		3
96	Trophic Behavior and Species Diversity of the <i>Anopheles barbirostris</i> Complex (Diptera: Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 54	1.8	3
97	Scientific achievements and reflections after 20 years of vector biology and control research at the Pu Teuy mosquito field research station, Thailand. <i>Malaria Journal</i> , 2022, 21, 44.	2.3	3
98	Genetic homogeneity of <i>Anopheles maculatus</i> in Indonesia and origin of a novel species present in Central Java. <i>Parasites and Vectors</i> , 2019, 12, 351.	2.5	2
99	Assessment of Mosquito Collection Methods for Dengue Surveillance. <i>Frontiers in Medicine</i> , 2021, 8, 685926.	2.6	2
100	A SECOND AUSTRALIAN SPECIES OF PHERBELLIA ROBINEAUVESVOIDY (DIPTERA: SCIOMYZIDAE) 1. <i>Australian Journal of Entomology</i> , 1990, 29, 281-286.	1.1	1