Willem Takken

List of Publications by Year
in descending order

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57 papers	4,463 citations	126907 33 h-index	144013 57 g-index
57 all docs	57 docs citations	57 times ranked	3914 citing authors

#	Article	IF	Citations
1	A handmade trap for malaria mosquito surveillance by citizens in Rwanda. PLoS ONE, 2022, 17, e0266714.	2.5	4
2	Community-based house improvement for malaria control in southern Malawi: Stakeholder perceptions, experiences, and acceptability. PLOS Global Public Health, 2022, 2, e0000627.	1.6	4
3	Synergism between nonane and emanations from soil as cues in ovipositionâ€site selection of natural populations of Anopheles gambiae and Culex quinquefasciatus. Malaria Journal, 2021, 20, 52.	2.3	3
4	The Expression of Chemosensory Genes in Male Maxillary Palps of Anopheles coluzzii (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.8	4
5	Citizen science for monitoring the spatial and temporal dynamics of malaria vectors in relation to environmental risk factors in Ruhuha, Rwanda. Malaria Journal, 2021, 20, 453.	2.3	10
6	The Influence of Larval Stage and Density on Oviposition Site-Selection Behavior of the Afrotropical Malaria Mosquito Anopheles coluzzii (Diptera: Culicidae). Journal of Medical Entomology, 2020, 57, 657-666.	1.8	23
7	Exploiting the chemical ecology of mosquito oviposition behavior in mosquito surveillance and control: a review. Journal of Vector Ecology, 2020, 45, 155-179.	1.0	23
8	Characterisation of anopheline larval habitats in southern Malawi. Acta Tropica, 2020, 210, 105558.	2.0	9
9	Chemical Mediation of Oviposition by Anopheles Mosquitoes: a Push-Pull System Driven by Volatiles Associated with Larval Stages. Journal of Chemical Ecology, 2020, 46, 397-409.	1.8	19
10	Species and sex-specific chemosensory gene expression in Anopheles coluzzii and An. quadriannulatus antennae. Parasites and Vectors, 2020, 13, 212.	2.5	6
11	Biting patterns of malaria vectors of the lower Shire valley, southern Malawi. Acta Tropica, 2019, 197, 105059.	2.0	12
12	Co-Designing a Citizen Science Program for Malaria Control in Rwanda. Sustainability, 2019, 11, 7012.	3.2	11
13	Spatio-temporal distribution of mosquitoes and risk of malaria infection in Rwanda. Acta Tropica, 2018, 182, 149-157.	2.0	19
14	Plasmodium -associated changes in human odor attract mosquitoes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4209-E4218.	7.1	105
15	Do apes smell like humans? The role of skin bacteria and volatiles of primates in mosquito host selection. Journal of Experimental Biology, 2018, 221, .	1.7	24
16	A citizen science approach for malaria mosquito surveillance and control in Rwanda. Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 101-110.	7.7	20
17	ABorrelia afzeliiInfection Increases Larval Tick Burden onMyodes glareolus(Rodentia:) Tj ETQq1 1 0.784314 rgBT /Overlo Entomology, 2017, 54, tjw157.	1.8	12
18	Chemical signaling in mosquitoâ€“host interactions: the role of human skin microbiota. Current Opinion in Insect Science, 2017, 20, 68-74.	4.4	33

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19	Effect of insecticide-treated bed nets on house-entry by malaria mosquitoes: The flight response recorded in a semi-field study in Kenya. Acta Tropica, 2017, 172, 180-185.	2.0	10
20	Attractiveness of volatiles from different body parts to the malaria mosquito Anopheles coluzzii is affected by deodorant compounds. Scientific Reports, 2016, 6, 27141.	3.3	43
21	The effect of mass mosquito trapping on malaria transmission and disease burden (SolarMal): a stepped-wedge cluster-randomised trial. Lancet, The, 2016, 388, 1193-1201.	13.7	91
22	Spatially variable risk factors for malaria in a geographically heterogeneous landscape, western Kenya: an explorative study. Malaria Journal, 2016, 15, 1.	2.3	255
23	Larvae of Ixodes ricinus transmit Borrelia afzelii and B. miyamotoi to vertebrate hosts. Parasites and Vectors, 2016, 9, 97.	2.5	101
24	Multi-trophic interactions driving the transmission cycle of Borrelia afzelii between Ixodes ricinus and rodents: a review. Parasites and Vectors, 2015, 8, 643.	2.5	50
25	Innovative tools and OpenHDS for health and demographic surveillance on Rusinga Island, Kenya. BMC Research Notes, 2015, 8, 397.	1.4	15
26	Mosquito host preferences affect their response to synthetic and natural odour blends. Malaria Journal, 2015, 14, 133.	2.3	36
27	Effects of fungal infection on feeding and survival of Anopheles gambiae (Diptera: Culicidae) on plant sugars. Parasites and Vectors, 2015, 8, 35.	2.5	16
28	Vertical transmission of Bartonella schoenbuchensis in Lipoptena cervi. Parasites and Vectors, 2015, 8, 176.	2.5	57
29	Tracking the mutual shaping of the technical and social dimensions of solar-powered mosquito trapping systems (SMoTS) for malaria control on Rusinga Island, western Kenya. Parasites and Vectors, 2014, 7, 523.	2.5	12
30	Field evaluation of a novel synthetic odour blend and of the synergistic role of carbon dioxide for sampling host-seeking Aedes albopictus adults in Rome, Italy. Parasites and Vectors, 2014, 7, 580.	2.5	38
31	Absence of Close-Range Excitorepellent Effects in Malaria Mosquitoes Exposed to Deltamethrin-Treated Bed Nets. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1124-1132.	1.4	15
32	Advances in methods for colour marking of mosquitoes. Parasites and Vectors, 2013, 6, 200.	2.5	51
33	Larval nutrition differentially affects adult fitness and Plasmodium development in the malaria vectors Anopheles gambiae and Anopheles stephensi. Parasites and Vectors, 2013, 6, 345.	2.5	100
34	Host Preferences of Blood-Feeding Mosquitoes. Annual Review of Entomology, 2013, 58, 433-453.	11.8	471
35	Relation between HLA genes, human skin volatiles and attractiveness of humans to malaria mosquitoes. Infection, Genetics and Evolution, 2013, 18, 87-93.	2.3	41
36	A 3D Analysis of Flight Behavior of Anopheles gambiae sensu stricto Malaria Mosquitoes in Response to Human Odor and Heat. PLoS ONE, 2013, 8, e62995.	2.5	79

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37	Lessons from Agriculture for the Sustainable Management of Malaria Vectors. PLoS Medicine, 2012, 9, e1001262.	8.4	73
38	A Novel Synthetic Odorant Blend for Trapping of Malaria and Other African Mosquito Species. Journal of Chemical Ecology, 2012, 38, 235-244.	1.8	109
39	Sweaty skin: an invitation to bite?. Trends in Parasitology, 2011, 27, 143-148.	3.3	105
40	Composition of Human Skin Microbiota Affects Attractiveness to Malaria Mosquitoes. PLoS ONE, 2011, 6, e28991.	2.5	208
41	Shading by Napier Grass Reduces Malaria Vector Larvae in Natural Habitats in Western Kenya Highlands. EcoHealth, 2010, 7, 485-497.	2.0	21
42	Sugar-fermenting yeast as an organic source of carbon dioxide to attract the malaria mosquito Anopheles gambiae. Malaria Journal, 2010, 9, 292.	2.3	133
43	Differential Attraction of Malaria Mosquitoes to Volatile Blends Produced by Human Skin Bacteria. PLoS ONE, 2010, 5, e15829.	2.5	128
44	Malaria vector control: current and future strategies. Trends in Parasitology, 2009, 25, 101-104.	3.3	113
45	Cultured skin microbiota attracts malaria mosquitoes. Malaria Journal, 2009, 8, 302.	2.3	120
46	The phenology and population dynamics of Culicoides spp. in different ecosystems in The Netherlands. Preventive Veterinary Medicine, 2008, 87, 41-54.	1.9	56
47	Effect of human odours and positioning of CO₂ release point on trap catches of the malaria mosquito Anopheles gambiae sensu stricto in an olfactometer. Physiological Entomology, 2008, 33, 116-122.	1.5	48
48	Attractiveness of MM-X Traps Baited with Human or Synthetic Odor to Mosquitoes (Diptera: Culicidae) in The Gambia. Journal of Medical Entomology, 2007, 44, 970-983.	1.8	51
49	Odor Coding in the Maxillary Palp of the Malaria Vector Mosquito Anopheles gambiae. Current Biology, 2007, 17, 1533-1544.	3.9	314
50	Attractiveness of MM-X Traps Baited with Human or Synthetic Odor to Mosquitoes (Diptera: Culicidae) in The Gambia. Journal of Medical Entomology, 2007, 44, 970-983.	1.8	47
51	Population structure of the malaria vector Anopheles funestus (Diptera: Culicidae) in Madagascar and Comoros. Acta Tropica, 2006, 97, 292-300.	2.0	25
52	Synergism between ammonia, lactic acid and carboxylic acids as kairomones in the host-seeking behaviour of the malaria mosquito Anopheles gambiae sensu stricto (Diptera: Culicidae). Chemical Senses, 2005, 30, 145-152.	2.0	181
53	Egg hatching, larval movement and larval survival of the malaria vector Anopheles gambiae in desiccating habitats. Malaria Journal, 2003, 2, 20.	2.3	59
54	Do insecticide-treated bednets have an effect on malaria vectors?. Tropical Medicine and International Health, 2002, 7, 1022-1030.	2.3	131

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55	ODOR-MEDIATED BEHAVIOR OF AFROTROPICAL MALARIA MOSQUITOES. Annual Review of Entomology, 1999, 44, 131-157.	11.8	579
56	Selection of biting sites on a human host by Anopheles gambiae s.s., An. arabiensis and An. quadriannulatus. Entomologia Experimentalis Et Applicata, 1998, 87, 295-300.	1.4	58
57	Differential responses of mosquito sibling species Anopheles arabiensis and An. quadriannulatusto carbon dioxide, a man or a calf. Medical and Veterinary Entomology, 1998, 12, 136-140.	1.5	82