Renate C Smallegange

List of Publications by Year
in descending order

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44	2,843	159585	265206
papers	citations	30 h-index	42 g-index

44	44	44	2210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	13. Semiochemical tools for a new generation of livestock pest control. Ecology and Control of Vector-Borne Diseases, 2018, , 389-434.	0.7	2
3	20. Control of vector-borne diseases in the livestock industry: new opportunities and challenges. Ecology and Control of Vector-Borne Diseases, 2018, , 575-580.	0.7	0
4	Odours of Plasmodium falciparum-infected participants influence mosquito-host interactions. Scientific Reports, 2017, 7, 9283.	3.3	42
5	Mosquito Attraction: Crucial Role of Carbon Dioxide in Formulation of a Five-Component Blend of Human-Derived Volatiles. Journal of Chemical Ecology, 2015, 41, 567-573.	1.8	62
6	Wolbachia infection does not alter attraction of the mosquito Aedes (Stegomyia) aegypti to human odours. Medical and Veterinary Entomology, 2014, 28, 457-460.	1.5	6
7	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
8	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
9	Malaria Infected Mosquitoes Express Enhanced Attraction to Human Odor. PLoS ONE, 2013, 8, e63602.	2.5	82
10	Mosquitoes as Potential Bridge Vectors of Malaria Parasites from Non-Human Primates to Humans. Frontiers in Physiology, 2012, 3, 197.	2.8	17
11	Identification of candidate volatiles that affect the behavioural response of the malaria mosquito Anopheles gambiae sensu stricto to an active kairomone blend: laboratory and semiâ€field assays. Physiological Entomology, 2012, 37, 60-71.	1.5	27
12	Evaluation of low density polyethylene and nylon for delivery of synthetic mosquito attractants. Parasites and Vectors, 2012, 5, 202.	2.5	24
13	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
14	Field Testing of Different Chemical Combinations as Odour Baits for Trapping Wild Mosquitoes in The Gambia. PLoS ONE, 2011, 6, e19676.	2.5	37
15	Behavioural responses of Anopheles gambiae sensu stricto to components of human breath, sweat and urine depend on mixture composition and concentration. Medical and Veterinary Entomology, 2011, 25, 247-255.	1.5	30
16	Human skin microbiota and their volatiles as odour baits for the malaria mosquito Anopheles gambiae s.s. Entomologia Experimentalis Et Applicata, 2011, 139, 170-179.	1.4	35
17	Sweaty skin: an invitation to bite?. Trends in Parasitology, 2011, 27, 143-148.	3.3	105
18	Improvement of a synthetic lure for Anopheles gambiae using compounds produced by human skin microbiota. Malaria Journal, 2011, 10, 28.	2.3	52

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19	Composition of Human Skin Microbiota Affects Attractiveness to Malaria Mosquitoes. PLoS ONE, 2011, 6, e28991.	2.5	208
20	Effectiveness of Synthetic Versus Natural Human Volatiles as Attractants forAnopheles gambiae(Diptera: Culicidae) Sensu Stricto : Table 1. Journal of Medical Entomology, 2010, 47, 338-344.	1.8	24
21	Chemical ecology of interactions between human skin microbiota and mosquitoes. FEMS Microbiology Ecology, 2010, 74, 1-9.	2.7	74
22	Effectiveness of Synthetic Versus Natural Human Volatiles as Attractants for <I>Anopheles gambiae</I> (Diptera: Culicidae) Sensu Stricto. Journal of Medical Entomology, 2010, 47, 338-344.	1.8	31
23	Sugar-fermenting yeast as an organic source of carbon dioxide to attract the malaria mosquito Anopheles gambiae s.s.. Malaria Journal, 2010, 9, .	2.3	3
24	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
25	Development and Field Evaluation of a Synthetic Mosquito Lure That Is More Attractive than Humans. PLoS ONE, 2010, 5, e8951.	2.5	156
26	Differential Attraction of Malaria Mosquitoes to Volatile Blends Produced by Human Skin Bacteria. PLoS ONE, 2010, 5, e15829.	2.5	128
27	The Effect of Aliphatic Carboxylic Acids on Olfaction-Based Host-Seeking of the Malaria Mosquito Anopheles gambiae sensu stricto. Journal of Chemical Ecology, 2009, 35, 933-943.	1.8	97
28	Cultured skin microbiota attracts malaria mosquitoes. Malaria Journal, 2009, 8, 302.	2.3	120
29	Public health significance of urban pests. Lancet Infectious Diseases, The, 2009, 9, 535-536.	9.1	18
30	Optimizing Odor-Baited Trap Methods for Collecting Mosquitoes during the Malaria Season in The Gambia. PLoS ONE, 2009, 4, e8167.	2.5	50
31	Types and numbers of sensilla on antennae and maxillary palps of small and large houseflies, Musca domestica (Diptera, Muscidae). Microscopy Research and Technique, 2008, 71, 880-886.	2.2	38
32	Parasitoid load affects plant fitness in a tritrophic system. Entomologia Experimentalis Et Applicata, 2008, 128, 172-183.	1.4	51
33	Evaluation of two counterflow traps for testing behaviour-mediating compounds for the malaria vector Anopheles gambiae s.s. under semi-field conditions in Tanzania. Malaria Journal, 2008, 7, 230.	2.3	55
34	Variations inIxodes ricinusDensity andBorreliaInfections Associated with Cattle Introduced into a Woodland in The Netherlands. Applied and Environmental Microbiology, 2008, 74, 7138-7144.	3.1	27
35	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
36	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

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37	Flower vs. Leaf Feeding by Pieris brassicae: Glucosinolate-Rich Flower Tissues are Preferred and Sustain Higher Growth Rate. Journal of Chemical Ecology, 2007, 33, 1831-1844.	1.8	135
38	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
39	Interindividual variation in the attractiveness of human odours to the malaria mosquito Anopheles gambiae s. s.. Medical and Veterinary Entomology, 2006, 20, 280-287.	1.5	110
40	Associative learning of visual and gustatory cues in the large cabbage white butterfly, Pieris brassicae. Animal Biology, 2006, 56, 157-172.	1.0	17
41	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
42	Behavioural and electrophysiological responses of the malaria mosquito Anopheles gambiae Giles sensu stricto (Diptera: Culicidae) to human skin emanations. Medical and Veterinary Entomology, 2004, 18, 429-438.	1.5	62
43	Infection of malaria (Anopheles gambiae s.s.) and filariasis (Culex quinquefasciatus) vectors with the entomopathogenic fungus Metarhizium anisopliae. Malaria Journal, 2003, 2, 29.	2.3	99
44	Associative learning in host-finding by female Pieris brassicae butterflies: relearning preferences. , 1992, , 162-164.		4