Marc Coosemans

List of Publications by Year
in descending order

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82 papers	4,376 citations	66315 42 h-index	118793 62 g-index
82 all docs	82 docs citations	82 times ranked	3719 citing authors

#	Article	IF	Citations
1	Households or Hotspots? Defining Intervention Targets for Malaria Elimination in Ratanakiri Province, Eastern Cambodia. Journal of Infectious Diseases, 2019, 220, 1034-1043.	1.9	7
2	Identification and characterization of areas of high and low risk for asymptomatic malaria infections at sub-village level in Ratanakiri, Cambodia. Malaria Journal, 2018, 17, 27.	0.8	23
3	Importance of household-level risk factors in explaining micro-epidemiology of asymptomatic malaria infections in Ratanakiri Province, Cambodia. Scientific Reports, 2018, 8, 11643.	1.6	17
4	Passive case detection of malaria in Ratanakiri Province (Cambodia) to detect villages at higher risk for malaria. Malaria Journal, 2017, 16, 104.	0.8	10
5	Safety of a topical insect repellent (picaridin) during community mass use for malaria control in rural Cambodia. PLoS ONE, 2017, 12, e0172566.	1.1	7
6	Efficacy of topical mosquito repellent (picaridin) plus long-lasting insecticidal nets versus long-lasting insecticidal nets alone for control of malaria: a cluster randomised controlled trial. Lancet Infectious Diseases, The, 2016, 16, 1169-1177.	4.6	63
7	Serological markers to measure recent changes in malaria at population level in Cambodia. Malaria Journal, 2016, 15, 529.	0.8	48
8	Geographical patterns of malaria transmission based on serological markers for falciparum and vivax malaria in Ratanakiri, Cambodia. Malaria Journal, 2016, 15, 510.	0.8	20
9	Characterizing Types of Human Mobility to Inform Differential and Targeted Malaria Elimination Strategies in Northeast Cambodia. Scientific Reports, 2015, 5, 16837.	1.6	54
10	Factors influencing the use of topical repellents: implications for the effectiveness of malaria elimination strategies. Scientific Reports, 2015, 5, 16847.	1.6	61
11	Implementation and application of a multiplex assay to detect malaria-specific antibodies: a promising tool for assessing malaria transmission in Southeast Asian pre-elimination areas. Malaria Journal, 2015, 14, 338.	0.8	34
12	Past and new challenges for malaria control and elimination: the role of operational research for innovation in designing interventions. Malaria Journal, 2015, 14, 279.	0.8	46
13	Assuring access to topical mosquito repellents within an intensive distribution scheme: a case study in a remote province of Cambodia. Malaria Journal, 2015, 14, 468.	0.8	9
14	Re-imagining malaria: heterogeneity of human and mosquito behaviour in relation to residual malaria transmission in Cambodia. Malaria Journal, 2015, 14, 165.	0.8	73
15	Updated checklist of the mosquitoes (Diptera: Culicidae) of Belgium. Journal of Vector Ecology, 2015, 40, 398-407.	0.5	25
16	Long-lasting Insecticidal Nets to Prevent Visceral Leishmaniasis in the Indian Subcontinent; Methodological Lessons Learned from a Cluster Randomised Controlled Trial. PLoS Neglected Tropical Diseases, 2015, 9, e0003597.	1.3	13
17	High Mobility and Low Use of Malaria Preventive Measures Among the Jarai Male Youth Along the Cambodiaâ€“Vietnam Border. American Journal of Tropical Medicine and Hygiene, 2015, 93, 810-818.	0.6	45
18	Transmission of Leishmania donovani in the Hills of Eastern Nepal, an Outbreak Investigation in Okhaldhunga and Bhojpur Districts. PLoS Neglected Tropical Diseases, 2015, 9, e0003966.	1.3	46

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19	Spatial clustering and risk factors of malaria infections in Ratanakiri Province, Cambodia. Malaria Journal, 2014, 13, 387.	0.8	70
20	Field Evaluation of Picaridin Repellents Reveals Differences in Repellent Sensitivity between Southeast Asian Vectors of Malaria and Arboviruses. PLoS Neglected Tropical Diseases, 2014, 8, e3326.	1.3	32
21	Implementation of surveillance of invasive mosquitoes in Belgium according to the ECDC guidelines. Parasites and Vectors, 2014, 7, 201.	1.0	12
22	Time Series Analysis of Trends in Malaria Cases and Deaths at Hospitals and the Effect of Antimalarial Interventions, 2001â€“2011, Ethiopia. PLoS ONE, 2014, 9, e106359.	1.1	71
23	Anopheles species associations in Southeast Asia: indicator species and environmental influences. Parasites and Vectors, 2013, 6, 136.	1.0	19
24	Outdoor malaria transmission in forested villages of Cambodia. Malaria Journal, 2013, 12, 329.	0.8	104
25	An innovative tool for moving malaria PCR detection of parasite reservoir into the field. Malaria Journal, 2013, 12, 405.	0.8	113
26	Cost-Effectiveness of Long-Lasting Insecticide-Treated Hammocks in Preventing Malaria in South-Central Vietnam. PLoS ONE, 2013, 8, e58205.	1.1	17
27	Injections, Cocktails and Diviners: Therapeutic Flexibility in the Context of Malaria Elimination and Drug Resistance in Northeast Cambodia. PLoS ONE, 2013, 8, e80343.	1.1	40
28	Sero-epidemiological evaluation of changes in Plasmodium falciparum and Plasmodium vivax transmission patterns over the rainy season in Cambodia. Malaria Journal, 2012, 11, 86.	0.8	60
29	Tsetse Salivary Gland Proteins 1 and 2 Are High Affinity Nucleic Acid Binding Proteins with Residual Nuclease Activity. PLoS ONE, 2012, 7, e47233.	1.1	15
30	Confirmation of Aedes koreicus (Diptera: Culicidae) in Belgium and description of morphological differences between Korean and Belgian specimens validated by molecular identification. Zootaxa, 2012, 3191, 21.	0.2	41
31	Expression and extracellular release of a functional anti-trypanosome NanobodyÂ® in Sodalis glossinidius, a bacterial symbiont of the tsetse fly. Microbial Cell Factories, 2012, 11, 23.	1.9	65
32	Predicted Distribution of Major Malaria Vectors Belonging to the Anopheles dirus Complex in Asia: Ecological Niche and Environmental Influences. PLoS ONE, 2012, 7, e50475.	1.1	20
33	True versus Apparent Malaria Infection Prevalence: The Contribution of a Bayesian Approach. PLoS ONE, 2011, 6, e16705.	1.1	33
34	The importance of considering community-level effects when selecting insecticidal malaria vector products. Parasites and Vectors, 2011, 4, 160.	1.0	33
35	False positive circumsporozoite protein ELISA: a challenge for the estimation of the entomological inoculation rate of malaria and for vector incrimination. Malaria Journal, 2011, 10, 195.	0.8	109
36	Reductions in malaria and anaemia case and death burden at hospitals following scale-up of malaria control in Zanzibar, 1999-2008. Malaria Journal, 2011, 10, 46.	0.8	101

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37	Functional Analysis of the Twin-Arginine Translocation Pathway in Sodalis glossinidius , a Bacterial Symbiont of the Tsetse Fly. Applied and Environmental Microbiology, 2011, 77, 1132-1134.	1.4	4
38	Multiple Insecticide Resistance: An Impediment to Insecticide-Based Malaria Vector Control Program. PLoS ONE, 2011, 6, e16066.	1.1	112
39	Identification of a Tsetse Fly Salivary Protein with Dual Inhibitory Action on Human Platelet Aggregation. PLoS ONE, 2010, 5, e9671.	1.1	46
40	Spatio-Temporal Patterns in kdr Frequency in Permethrin and DDT Resistant Anopheles gambiae s.s. from Uganda. American Journal of Tropical Medicine and Hygiene, 2010, 82, 566-573.	0.6	59
41	First Evidence of High Knockdown Resistance Frequency in Anopheles arabiensis (Diptera: Culicidae) from Ethiopia. American Journal of Tropical Medicine and Hygiene, 2010, 83, 122-125.	0.6	59
42	Malaria Incidence and Prevalence Among Children Living in a Peri-Urban Area on the Coast of Benin, West Africa: A Longitudinal Study. American Journal of Tropical Medicine and Hygiene, 2010, 83, 465-473.	0.6	38
43	Development of an Enzyme-Linked Immunosorbent Assay to Identify Host-Feeding Preferences of <I>Phlebotomus</I> Species (Diptera: Psychodidae) in Endemic Foci of Visceral Leishmaniasis in Nepal. Journal of Medical Entomology, 2010, 47, 902-906.	0.9	14
44	Effect of Village-wide Use of Long-Lasting Insecticidal Nets on Visceral Leishmaniasis Vectors in India and Nepal: A Cluster Randomized Trial. PLoS Neglected Tropical Diseases, 2010, 4, e587.	1.3	64
45	Insecticide Susceptibility of Phlebotomus argentipes in Visceral Leishmaniasis Endemic Districts in India and Nepal. PLoS Neglected Tropical Diseases, 2010, 4, e859.	1.3	70
46	Trypanosoma brucei Modifies the Tsetse Salivary Composition, Altering the Fly Feeding Behavior That Favors Parasite Transmission. PLoS Pathogens, 2010, 6, e1000926.	2.1	91
47	Development of an Enzyme-Linked Immunosorbent Assay to Identify Host-Feeding Preferences of<i>Phlebotomus</i>Species (Diptera: Psychodidae) in Endemic Foci of Visceral Leishmaniasis in Nepal. Journal of Medical Entomology, 2010, 47, 902-906.	0.9	13
48	Domestic Animals and Epidemiology of Visceral Leishmaniasis, Nepal. Emerging Infectious Diseases, 2010, 16, 231-237.	2.0	82
49	Knockdown resistance in Anopheles vagus, An. sinensis, An. paraliae and An. peditaeniatus populations of the Mekong region. Parasites and Vectors, 2010, 3, 59.	1.0	56
50	<I>Phlebotomus argentipes</I> Seasonal Patterns in India and Nepal. Journal of Medical Entomology, 2010, 47, 283-286.	0.9	31
51	Malaria transmission and vector behaviour in a forested malaria focus in central Vietnam and the implications for vector control. Malaria Journal, 2010, 9, 373.	0.8	64
52	Effect of untreated bed nets on blood-fed Phlebotomus argentipes in kala-azar endemic foci in Nepal and India. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 1183-1186.	0.8	15
53	Long-Lasting Insecticidal Hammocks for Controlling Forest Malaria: A Community-Based Trial in a Rural Area of Central Vietnam. PLoS ONE, 2009, 4, e7369.	1.1	63
54	Ranking Malaria Risk Factors to Guide Malaria Control Efforts in African Highlands. PLoS ONE, 2009, 4, e8022.	1.1	75

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55	Identification of a functional Antigen5-related allergen in the saliva of a blood feeding insect, the tsetse fly. Insect Biochemistry and Molecular Biology, 2009, 39, 332-341.	1.2	36
56	Impact of insecticide-treated nets on wild pyrethroid resistant Anopheles epiroticus population from southern Vietnam tested in experimental huts. Malaria Journal, 2009, 8, 248.	0.8	30
57	Extended high efficacy of the combination sulphadoxine-pyrimethamine with artesunate in children with uncomplicated falciparum malaria on the Benin coast, West Africa. Malaria Journal, 2009, 8, 37.	0.8	11
58	Rapid decrease of malaria morbidity following the introduction of community-based monitoring in a rural area of central Vietnam. Malaria Journal, 2009, 8, 3.	0.8	32
59	Longâ€lasting insecticidal nets fail at household level to reduce abundance of sandfly vector Phlebotomus argentipes in treated houses in Bihar (India). Tropical Medicine and International Health, 2008, 13, 953-958.	1.0	47
60	Vector control by insecticideâ€treated nets in the fight against visceral leishmaniasis in the Indian subcontinent, what is the evidence?. Tropical Medicine and International Health, 2008, 13, 1073-1085.	1.0	75
61	A significant increase in kdr in Anopheles gambiae is associated with an intensive vector control intervention in Burundi highlands. Tropical Medicine and International Health, 2008, 13, 1479-1487.	1.0	81
62	Malaria in central Vietnam: analysis of risk factors by multivariate analysis and classification tree models. Malaria Journal, 2008, 7, 28.	0.8	65
63	Distribution of Anopheles in Vietnam, with particular attention to malaria vectors of the Anopheles minimus complex. Malaria Journal, 2008, 7, 11.	0.8	32
64	Spatial targeted vector control is able to reduce malaria prevalence in the highlands of Burundi. American Journal of Tropical Medicine and Hygiene, 2008, 79, 12-8.	0.6	48
65	Spatial targeted vector control in the highlands of Burundi and its impact on malaria transmission. Malaria Journal, 2007, 6, 158.	0.8	62
66	Vector control in a malaria epidemic occurring within a complex emergency situation in Burundi: a case study. Malaria Journal, 2007, 6, 93.	0.8	42
67	The Anopheles dirus complex: spatial distribution and environmental drivers. Malaria Journal, 2007, 6, 26.	0.8	142
68	Detection of the East and West African kdr mutation in Anopheles gambiae and Anopheles arabiensis from Uganda using a new assay based on FRET/Melt Curve analysis. Malaria Journal, 2006, 5, 16.	0.8	117
69	Tsetse fly saliva biases the immune response to Th2 and induces anti-vector antibodies that are a useful tool for exposure assessment. International Journal for Parasitology, 2006, 36, 1025-1035.	1.3	50
70	Tsetse Fly Saliva Accelerates the Onset of Trypanosoma brucei Infection in a Mouse Model Associated with a Reduced Host Inflammatory Response. Infection and Immunity, 2006, 74, 6324-6330.	1.0	58
71	Variation in malaria transmission intensity in seven sites throughout Uganda. American Journal of Tropical Medicine and Hygiene, 2006, 75, 219-25.	0.6	184
72	Behavioural heterogeneity of Anopheles species in ecologically different localities in Southeast Asia: a challenge for vector control. Tropical Medicine and International Health, 2005, 10, 251-262.	1.0	158

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73	Epidemiology of forest malaria in central Vietnam: a large scale cross-sectional survey. Malaria Journal, 2005, 4, 58.	0.8	134
74	Eco-Ethological Heterogeneity of the Members of theAnopheles minimusComplex (Diptera: Culicidae) in Southeast Asia and Its Consequences for Vector Control. Journal of Medical Entomology, 2004, 41, 366-374.	0.9	22
75	FOREST MALARIA IN VIETNAM: A CHALLENGE FOR CONTROL. American Journal of Tropical Medicine and Hygiene, 2004, 70, 110-118.	0.6	87
76	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.	0.6	84
77	Forest malaria in Vietnam: a challenge for control. American Journal of Tropical Medicine and Hygiene, 2004, 70, 110-8.	0.6	60
78	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.	0.6	44
79	First record of Aedes (Stegomyia) albopictus in Belgium. Journal of the American Mosquito Control Association, 2004, 20, 201-3.	0.2	39
80	Enzyme Polymorphisms in the Anopheles gambiae (Diptera: Culicidae) Complex Related to Feeding and Resting Behavior in the Imbo Valley, Burundi. Journal of Medical Entomology, 1996, 33, 545-553.	0.9	17
81	Residual Transmission of Malaria: An Old Issue for New Approaches. , 0, , .		103
82	From Anopheles to Spatial Surveillance: A Roadmap Through a Multidisciplinary Challenge. , 0, , .		4