

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	Variation in malaria transmission intensity in seven sites throughout Uganda. American Journal of Tropical Medicine and Hygiene, 2006, 75, 219-25.	0.6	184
2	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
3	The Anopheles dirus complex: spatial distribution and environmental drivers. Malaria Journal, 2007, 6, 26.	0.8	142
4	Epidemiology of forest malaria in central Vietnam: a large scale cross-sectional survey. Malaria Journal, 2005, 4, 58.	0.8	134
5	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
6	An innovative tool for moving malaria PCR detection of parasite reservoir into the field. Malaria Journal, 2013, 12, 405.	0.8	113
7	Multiple Insecticide Resistance: An Impediment to Insecticide-Based Malaria Vector Control Program. PLoS ONE, 2011, 6, e16066.	1.1	112
8	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
9	Outdoor malaria transmission in forested villages of Cambodia. Malaria Journal, 2013, 12, 329.	0.8	104
10	Residual Transmission of Malaria: An Old Issue for New Approaches. , 0, , .		103
11	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
12	Trypanosoma brucei Modifies the Tsetse Salivary Composition, Altering the Fly Feeding Behavior That Favors Parasite Transmission. PLoS Pathogens, 2010, 6, e1000926.	2.1	91
13	FOREST MALARIA IN VIETNAM: A CHALLENGE FOR CONTROL. American Journal of Tropical Medicine and Hygiene, 2004, 70, 110-118.	0.6	87
14	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
15	Domestic Animals and Epidemiology of Visceral Leishmaniasis, Nepal. Emerging Infectious Diseases, 2010, 16, 231-237.	2.0	82
16	A significant increase in <i>kdr</i> in <i>Anopheles gambiae</i> is associated with an intensive vector control intervention in Burundi highlands. Tropical Medicine and International Health, 2008, 13, 1479-1487.	1.0	81
17	Vector control by insecticide-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
18	Ranking Malaria Risk Factors to Guide Malaria Control Efforts in African Highlands. PLoS ONE, 2009, 4, e8022.	1.1	75

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19	Re-imagining malaria: heterogeneity of human and mosquito behaviour in relation to residual malaria transmission in Cambodia. <i>Malaria Journal</i> , 2015, 14, 165.	0.8	73
20	Time Series Analysis of Trends in Malaria Cases and Deaths at Hospitals and the Effect of Antimalarial Interventions, 2001â€“2011, Ethiopia. <i>PLoS ONE</i> , 2014, 9, e106359.	1.1	71
21	Insecticide Susceptibility of <i>Phlebotomus argentipes</i> in Visceral Leishmaniasis Endemic Districts in India and Nepal. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e859.	1.3	70
22	Spatial clustering and risk factors of malaria infections in Ratanakiri Province, Cambodia. <i>Malaria Journal</i> , 2014, 13, 387.	0.8	70
23	Malaria in central Vietnam: analysis of risk factors by multivariate analysis and classification tree models. <i>Malaria Journal</i> , 2008, 7, 28.	0.8	65
24	Expression and extracellular release of a functional anti-trypanosome Nanobody [®] in <i>Sodalis glossinidius</i> , a bacterial symbiont of the tsetse fly. <i>Microbial Cell Factories</i> , 2012, 11, 23.	1.9	65
25	Effect of Village-wide Use of Long-Lasting Insecticidal Nets on Visceral Leishmaniasis Vectors in India and Nepal: A Cluster Randomized Trial. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e587.	1.3	64
26	Malaria transmission and vector behaviour in a forested malaria focus in central Vietnam and the implications for vector control. <i>Malaria Journal</i> , 2010, 9, 373.	0.8	64
27	Long-Lasting Insecticidal Hammocks for Controlling Forest Malaria: A Community-Based Trial in a Rural Area of Central Vietnam. <i>PLoS ONE</i> , 2009, 4, e7369.	1.1	63
28	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. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1169-1177.	4.6	63
29	Spatial targeted vector control in the highlands of Burundi and its impact on malaria transmission. <i>Malaria Journal</i> , 2007, 6, 158.	0.8	62
30	Factors influencing the use of topical repellents: implications for the effectiveness of malaria elimination strategies. <i>Scientific Reports</i> , 2015, 5, 16847.	1.6	61
31	Sero-epidemiological evaluation of changes in <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> transmission patterns over the rainy season in Cambodia. <i>Malaria Journal</i> , 2012, 11, 86.	0.8	60
32	Forest malaria in Vietnam: a challenge for control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 110-8.	0.6	60
33	Spatio-Temporal Patterns in <i>kdr</i> Frequency in Permethrin and DDT Resistant <i>Anopheles gambiae</i> s.s. from Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 566-573.	0.6	59
34	First Evidence of High Knockdown Resistance Frequency in <i>Anopheles arabiensis</i> (Diptera: Culicidae) from Ethiopia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 122-125.	0.6	59
35	Tsetse Fly Saliva Accelerates the Onset of <i>Trypanosoma brucei</i> Infection in a Mouse Model Associated with a Reduced Host Inflammatory Response. <i>Infection and Immunity</i> , 2006, 74, 6324-6330.	1.0	58
36	Knockdown resistance in <i>Anopheles vagus</i> , <i>An. sinensis</i> , <i>An. paraliae</i> and <i>An. peditaeniatus</i> populations of the Mekong region. <i>Parasites and Vectors</i> , 2010, 3, 59.	1.0	56

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37	Characterizing Types of Human Mobility to Inform Differential and Targeted Malaria Elimination Strategies in Northeast Cambodia. <i>Scientific Reports</i> , 2015, 5, 16837.	1.6	54
38	Tsetse fly saliva biases the immune response to Th2 and induces anti-vector antibodies that are a useful tool for exposure assessment. <i>International Journal for Parasitology</i> , 2006, 36, 1025-1035.	1.3	50
39	Serological markers to measure recent changes in malaria at population level in Cambodia. <i>Malaria Journal</i> , 2016, 15, 529.	0.8	48
40	Spatial targeted vector control is able to reduce malaria prevalence in the highlands of Burundi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 12-8.	0.6	48
41	Long-lasting insecticidal nets fail at household level to reduce abundance of sandfly vector <i>Phlebotomus argentipes</i> in treated houses in Bihar (India). <i>Tropical Medicine and International Health</i> , 2008, 13, 953-958.	1.0	47
42	Identification of a Tsetse Fly Salivary Protein with Dual Inhibitory Action on Human Platelet Aggregation. <i>PLoS ONE</i> , 2010, 5, e9671.	1.1	46
43	Past and new challenges for malaria control and elimination: the role of operational research for innovation in designing interventions. <i>Malaria Journal</i> , 2015, 14, 279.	0.8	46
44	Transmission of <i>Leishmania donovani</i> in the Hills of Eastern Nepal, an Outbreak Investigation in Okhaldhunga and Bhojpur Districts. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003966.	1.3	46
45	High Mobility and Low Use of Malaria Preventive Measures Among the Jarai Male Youth Along the Cambodia-Vietnam Border. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 810-818.	0.6	45
46	A single multiplex assay to identify major malaria vectors within the African <i>Anopheles funestus</i> and the Oriental <i>An. minimus</i> groups. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 583-90.	0.6	44
47	Vector control in a malaria epidemic occurring within a complex emergency situation in Burundi: a case study. <i>Malaria Journal</i> , 2007, 6, 93.	0.8	42
48	Confirmation of <i>Aedes koreicus</i> (Diptera: Culicidae) in Belgium and description of morphological differences between Korean and Belgian specimens validated by molecular identification. <i>Zootaxa</i> , 2012, 3191, 21.	0.2	41
49	Injections, Cocktails and Diviners: Therapeutic Flexibility in the Context of Malaria Elimination and Drug Resistance in Northeast Cambodia. <i>PLoS ONE</i> , 2013, 8, e80343.	1.1	40
50	First record of <i>Aedes (Stegomyia) albopictus</i> in Belgium. <i>Journal of the American Mosquito Control Association</i> , 2004, 20, 201-3.	0.2	39
51	Malaria Incidence and Prevalence Among Children Living in a Peri-Urban Area on the Coast of Benin, West Africa: A Longitudinal Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 465-473.	0.6	38
52	Identification of a functional Antigen5-related allergen in the saliva of a blood feeding insect, the tsetse fly. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 332-341.	1.2	36
53	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. <i>Malaria Journal</i> , 2015, 14, 338.	0.8	34
54	True versus Apparent Malaria Infection Prevalence: The Contribution of a Bayesian Approach. <i>PLoS ONE</i> , 2011, 6, e16705.	1.1	33

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55	The importance of considering community-level effects when selecting insecticidal malaria vector products. <i>Parasites and Vectors</i> , 2011, 4, 160.	1.0	33
56	Distribution of Anopheles in Vietnam, with particular attention to malaria vectors of the Anopheles minimus complex. <i>Malaria Journal</i> , 2008, 7, 11.	0.8	32
57	Rapid decrease of malaria morbidity following the introduction of community-based monitoring in a rural area of central Vietnam. <i>Malaria Journal</i> , 2009, 8, 3.	0.8	32
58	Field Evaluation of Picaridin Repellents Reveals Differences in Repellent Sensitivity between Southeast Asian Vectors of Malaria and Arboviruses. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3326.	1.3	32
59	<>Phlebotomus argentipes</> Seasonal Patterns in India and Nepal. <i>Journal of Medical Entomology</i> , 2010, 47, 283-286.	0.9	31
60	Impact of insecticide-treated nets on wild pyrethroid resistant Anopheles epiroticus population from southern Vietnam tested in experimental huts. <i>Malaria Journal</i> , 2009, 8, 248.	0.8	30
61	Updated checklist of the mosquitoes (Diptera: Culicidae) of Belgium. <i>Journal of Vector Ecology</i> , 2015, 40, 398-407.	0.5	25
62	Identification and characterization of areas of high and low risk for asymptomatic malaria infections at sub-village level in Ratanakiri, Cambodia. <i>Malaria Journal</i> , 2018, 17, 27.	0.8	23
63	Eco-Ethological Heterogeneity of the Members of the Anopheles minimus Complex (Diptera: Culicidae) in Southeast Asia and Its Consequences for Vector Control. <i>Journal of Medical Entomology</i> , 2004, 41, 366-374.	0.9	22
64	Geographical patterns of malaria transmission based on serological markers for falciparum and vivax malaria in Ratanakiri, Cambodia. <i>Malaria Journal</i> , 2016, 15, 510.	0.8	20
65	Predicted Distribution of Major Malaria Vectors Belonging to the Anopheles dirus Complex in Asia: Ecological Niche and Environmental Influences. <i>PLoS ONE</i> , 2012, 7, e50475.	1.1	20
66	Anopheles species associations in Southeast Asia: indicator species and environmental influences. <i>Parasites and Vectors</i> , 2013, 6, 136.	1.0	19
67	Enzyme Polymorphisms in the Anopheles gambiae (Diptera: Culicidae) Complex Related to Feeding and Resting Behavior in the Imbo Valley, Burundi. <i>Journal of Medical Entomology</i> , 1996, 33, 545-553.	0.9	17
68	Cost-Effectiveness of Long-Lasting Insecticide-Treated Hammocks in Preventing Malaria in South-Central Vietnam. <i>PLoS ONE</i> , 2013, 8, e58205.	1.1	17
69	Importance of household-level risk factors in explaining micro-epidemiology of asymptomatic malaria infections in Ratanakiri Province, Cambodia. <i>Scientific Reports</i> , 2018, 8, 11643.	1.6	17
70	Effect of untreated bed nets on blood-fed Phlebotomus argentipes in kala-azar endemic foci in Nepal and India. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1183-1186.	0.8	15
71	Tsetse Salivary Gland Proteins 1 and 2 Are High Affinity Nucleic Acid Binding Proteins with Residual Nuclease Activity. <i>PLoS ONE</i> , 2012, 7, e47233.	1.1	15
72	Development of an Enzyme-Linked Immunosorbent Assay to Identify Host-Feeding Preferences of <>Phlebotomus</> Species (Diptera: Psychodidae) in Endemic Foci of Visceral Leishmaniasis in Nepal. <i>Journal of Medical Entomology</i> , 2010, 47, 902-906.	0.9	14

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73	Development of an Enzyme-Linked Immunosorbent Assay to Identify Host-Feeding Preferences of <i>Phlebotomus</i> Species (Diptera: Phlebotomidae) in Endemic Foci of Visceral Leishmaniasis in Nepal. <i>Journal of Medical Entomology</i> , 2010, 47, 902-906.	0.9	13
74	Long-lasting Insecticidal Nets to Prevent Visceral Leishmaniasis in the Indian Subcontinent; Methodological Lessons Learned from a Cluster Randomised Controlled Trial. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003597.	1.3	13
75	Implementation of surveillance of invasive mosquitoes in Belgium according to the ECDC guidelines. <i>Parasites and Vectors</i> , 2014, 7, 201.	1.0	12
76	Extended high efficacy of the combination sulphadoxine-pyrimethamine with artesunate in children with uncomplicated falciparum malaria on the Benin coast, West Africa. <i>Malaria Journal</i> , 2009, 8, 37.	0.8	11
77	Passive case detection of malaria in Ratanakiri Province (Cambodia) to detect villages at higher risk for malaria. <i>Malaria Journal</i> , 2017, 16, 104.	0.8	10
78	Assuring access to topical mosquito repellents within an intensive distribution scheme: a case study in a remote province of Cambodia. <i>Malaria Journal</i> , 2015, 14, 468.	0.8	9
79	Safety of a topical insect repellent (picaridin) during community mass use for malaria control in rural Cambodia. <i>PLoS ONE</i> , 2017, 12, e0172566.	1.1	7
80	Households or Hotspots? Defining Intervention Targets for Malaria Elimination in Ratanakiri Province, Eastern Cambodia. <i>Journal of Infectious Diseases</i> , 2019, 220, 1034-1043.	1.9	7
81	Functional Analysis of the Twin-Arginine Translocation Pathway in <i>Sodalis glossinidius</i> , a Bacterial Symbiont of the Tsetse Fly. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1132-1134.	1.4	4
82	From Anopheles to Spatial Surveillance: A Roadmap Through a Multidisciplinary Challenge. , 0, , .		4