

# Geoffrey Gimonneau

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,881  
citations

394421

19  
h-index

276875

41  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2139  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the diagnosis of animal trypanosomoses. <i>Parasites and Vectors</i> , 2022, 15, 64.	2.5	54
2	Quality Control and Mating Performance of Irradiated <i>Glossina palpalis gambiensis</i> Males. <i>Insects</i> , 2022, 13, 476.	2.2	5
3	Diagnosis of animal trypanosomoses: proper use of current tools and future prospects. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	18
4	Evaluation of different blood-feeding frequencies on <i>Glossina palpalis gambiensis</i> performance in a mass-rearing insectary. <i>Parasites and Vectors</i> , 2021, 14, 46.	2.5	2
5	A library preparation optimized for metagenomics of RNA viruses. <i>Molecular Ecology Resources</i> , 2021, 21, 1788-1807.	4.8	10
6	Physicochemical factors affecting the diversity and abundance of Afrotropical <i>Culicoides</i> species in larval habitats in Senegal. <i>Acta Tropica</i> , 2021, 220, 105932.	2.0	1
7	Trypa-NO! contributes to the elimination of gambiense human African trypanosomiasis by combining tsetse control with <i>â€œ</i> screen, diagnose and treat <i>â€™</i> using innovative tools and strategies. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008738.	3.0	28
8	Spatial Modeling of Mosquito Vectors for Rift Valley Fever Virus in Northern Senegal: Integrating Satellite-Derived Meteorological Estimates in Population Dynamics Models. <i>Remote Sensing</i> , 2019, 11, 1024.	4.0	13
9	Chilling, irradiation and transport of male <i>Glossina palpalis gambiensis</i> pupae: Effect on the emergence, flight ability and survival. <i>PLoS ONE</i> , 2019, 14, e0216802.	2.5	22
10	Host-feeding patterns of <i>Aedes (Aedimorphus) vexans arabiensis</i> , a Rift Valley Fever virus vector in the Ferlo pastoral ecosystem of Senegal. <i>PLoS ONE</i> , 2019, 14, e0215194.	2.5	3
11	Phylogenetic relationships and molecular delimitation of <i>Culicoides</i> species in the Afrotropical region: interest for the subgenus <i>varitia</i> . <i>Systematic Entomology</i> , 2018, 43, 355-371.	3.9	13
12	DNA barcoding and molecular identification of field-collected <i>Culicoides</i> larvae in the Niayes area of Senegal. <i>Parasites and Vectors</i> , 2018, 11, 615.	2.5	15
13	Ecological distribution and population dynamics of Rift Valley fever virus mosquito vectors (Diptera.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	2.5	41
14	6. Integrated control of trypanosomosis. <i>Ecology and Control of Vector-Borne Diseases</i> , 2018, , 147-174.	0.7	8
15	Dissecting functional components of reproductive isolation among closely related sympatric species of the <i>Anopheles gambiae</i> complex. <i>Evolutionary Applications</i> , 2017, 10, 1102-1120.	3.1	39
16	Intestinal Bacterial Communities of Trypanosome-Infected and Uninfected <i>Glossina palpalis palpalis</i> from Three Human African Trypanomiasis Foci in Cameroon. <i>Frontiers in Microbiology</i> , 2017, 8, 1464.	3.5	13
17	Competitiveness and survival of two strains of <i>Glossina palpalis gambiensis</i> in an urban area of Senegal. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006172.	3.0	12
18	Do the venous blood samples replicate malaria parasite densities found in capillary blood? A field study performed in naturally-infected asymptomatic children in Cameroon. <i>Malaria Journal</i> , 2017, 16, 345.	2.3	20

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19	Insecticide and Repellent Mixture Pour-On Protects Cattle against Animal Trypanosomosis. PLoS Neglected Tropical Diseases, 2016, 10, e0005248.	3.0	7
20	Insight on the larval habitat of Afrotropical Culicoides Latreille (Diptera: Ceratopogonidae) in the Niayes area of Senegal, West Africa. Parasites and Vectors, 2016, 9, 462.	2.5	8
21	An epidemiologically successful Escherichia coli sequence type modulates Plasmodium falciparum infection in the mosquito midgut. Infection, Genetics and Evolution, 2016, 43, 22-30.	2.3	11
22	Influence of temperature and relative humidity on survival and fecundity of three tsetse strains. Parasites and Vectors, 2016, 9, 520.	2.5	24
23	Foraging range of arthropods with veterinary interest: New insights for Afrotropical Culicoides biting midges (Diptera: Ceratopogonidae) using the ring method. Acta Tropica, 2016, 157, 59-67.	2.0	23
24	A Molecular Method to Discriminate between Mass-Reared Sterile and Wild Tsetse Flies during Eradication Programmes That Have a Sterile Insect Technique Component. PLoS Neglected Tropical Diseases, 2016, 10, e0004491.	3.0	12
25	Do tsetse flies only feed on blood?. Infection, Genetics and Evolution, 2015, 36, 184-189.	2.3	18
26	How do species, population and active ingredient influence insecticide susceptibility in Culicoides biting midges (Diptera: Ceratopogonidae) of veterinary importance?. Parasites and Vectors, 2015, 8, 439.	2.5	11
27	Quality of Sterile Male Tsetse after Long Distance Transport as Chilled, Irradiated Pupae. PLoS Neglected Tropical Diseases, 2015, 9, e0004229.	3.0	42
28	Long distance transport of irradiated male Glossina palpalis gambiense pupae and its impact on sterile male yield. Parasites and Vectors, 2015, 8, 259.	2.5	34
29	Circadian activity of Culicoides oxystoma (Diptera: Ceratopogonidae), potential vector of bluetongue and African horse sickness viruses in the Niayes area, Senegal. Parasitology Research, 2015, 114, 3151-3158.	1.6	18
30	Host preferences and circadian rhythm of Culicoides (Diptera: Ceratopogonidae), vectors of African horse sickness and bluetongue viruses in Senegal. Acta Tropica, 2015, 149, 239-245.	2.0	22
31	Culicoides (Diptera: Ceratopogonidae) midges, the vectors of African horse sickness virus: a host/vector contact study in the Niayes area of Senegal. Parasites and Vectors, 2015, 8, 39.	2.5	28
32	Life history consequences of larval foraging depth differ between two competing Anopheles mosquitoes. Ecological Entomology, 2015, 40, 143-149.	2.2	5
33	Dynamics of Bacterial Community Composition in the Malaria Mosquito's Epithelia. Frontiers in Microbiology, 2015, 6, 1500.	3.5	80
34	Larval competition between An. coluzzii and An. gambiae in insectary and semi-field conditions in Burkina Faso. Acta Tropica, 2014, 130, 155-161.	2.0	5
35	Composition of Anopheles coluzzii and Anopheles gambiae microbiota from larval to adult stages. Infection, Genetics and Evolution, 2014, 28, 715-724.	2.3	175
36	Application of a qPCR Assay in the Investigation of Susceptibility to Malaria Infection of the M and S Molecular Forms of An. gambiae s.s. in Cameroon. PLoS ONE, 2013, 8, e54820.	2.5	59

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37	Modulation of Malaria Infection in <i>Anopheles gambiae</i> Mosquitoes Exposed to Natural Midgut Bacteria. PLoS ONE, 2013, 8, e81663.	2.5	56
38	Behavioural responses of <i>Anopheles gambiae</i> sensu stricto M and S molecular form larvae to an aquatic predator in Burkina Faso. Parasites and Vectors, 2012, 5, 65.	2.5	49
39	Larval habitat segregation between the molecular forms of the mosquito <i>Anopheles gambiae</i> in a rice field area of Burkina Faso, West Africa. Medical and Veterinary Entomology, 2012, 26, 9-17.	1.5	96
40	A behavioral mechanism underlying ecological divergence in the malaria mosquito <i>Anopheles gambiae</i> . Behavioral Ecology, 2010, 21, 1087-1092.	2.2	76
41	Blood-Feeding Behavior of <i>Aedes albopictus</i> , a Vector of Chikungunya on La Réunion. Vector-Borne and Zoonotic Diseases, 2010, 10, 249-258.	1.5	213
42	Influence of Temperature on Immature Development, Survival, Longevity, Fecundity, and Gonotrophic Cycles of <i>Aedes albopictus</i> , Vector of Chikungunya and Dengue in the Indian Ocean. Journal of Medical Entomology, 2009, 46, 33-41.	1.8	396
43	Characterisation of post-larval to juvenile stages, metamorphosis and recruitment of an amphidromous goby, <i>Sicyopterus lagocephalus</i> (Pallas) (Teleostei : Gobiidae : Sicydiinae). Marine and Freshwater Research, 2008, 59, 876.	1.3	74
44	The COMBAT project: controlling and progressively minimizing the burden of vector-borne animal trypanosomosis in Africa. Open Research Europe, 0, 2, 67.	2.0	5