

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	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. <i>Journal of Medical Entomology</i> , 2009, 46, 33-41.	1.8	396
2	Blood-Feeding Behavior of <i>Aedes albopictus</i> , a Vector of Chikungunya on La Réunion. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 249-258.	1.5	213
3	Composition of <i>Anopheles coluzzii</i> and <i>Anopheles gambiae</i> microbiota from larval to adult stages. <i>Infection, Genetics and Evolution</i> , 2014, 28, 715-724.	2.3	175
4	Larval habitat segregation between the molecular forms of the mosquito <i>Anopheles gambiae</i> in a rice field area of Burkina Faso, West Africa. <i>Medical and Veterinary Entomology</i> , 2012, 26, 9-17.	1.5	96
5	Dynamics of Bacterial Community Composition in the Malaria Mosquito's Epithelia. <i>Frontiers in Microbiology</i> , 2015, 6, 1500.	3.5	80
6	A behavioral mechanism underlying ecological divergence in the malaria mosquito <i>Anopheles gambiae</i> . <i>Behavioral Ecology</i> , 2010, 21, 1087-1092.	2.2	76
7	Characterisation of post-larval to juvenile stages, metamorphosis and recruitment of an amphidromous goby, <i>Sicyopterus lagocephalus</i> (Pallas) (Teleostei : Gobiidae : Sicydiinae). <i>Marine and Freshwater Research</i> , 2008, 59, 876.	1.3	74
8	Application of a qPCR Assay in the Investigation of Susceptibility to Malaria Infection of the M and S Molecular Forms of <i>An. gambiae</i> s.s. in Cameroon. <i>PLoS ONE</i> , 2013, 8, e54820.	2.5	59
9	Modulation of Malaria Infection in <i>Anopheles gambiae</i> Mosquitoes Exposed to Natural Midgut Bacteria. <i>PLoS ONE</i> , 2013, 8, e81663.	2.5	56
10	A review on the diagnosis of animal trypanosomoses. <i>Parasites and Vectors</i> , 2022, 15, 64.	2.5	54
11	Behavioural responses of <i>Anopheles gambiae</i> sensu stricto M and S molecular form larvae to an aquatic predator in Burkina Faso. <i>Parasites and Vectors</i> , 2012, 5, 65.	2.5	49
12	Quality of Sterile Male Tsetse after Long Distance Transport as Chilled, Irradiated Pupae. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004229.	3.0	42
13	Ecological distribution and population dynamics of Rift Valley fever virus mosquito vectors (Diptera.) $T_j ETQq1 \ 1 \ 0.784314 \ \text{rgBT} / \text{Over}$ 2.5 41	2.5	41
14	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
15	Long distance transport of irradiated male <i>Glossina palpalis gambiense</i> pupae and its impact on sterile male yield. <i>Parasites and Vectors</i> , 2015, 8, 259.	2.5	34
16	Culicoides (Diptera: Ceratopogonidae) midges, the vectors of African horse sickness virus – a host/vector contact study in the Niayes area of Senegal. <i>Parasites and Vectors</i> , 2015, 8, 39.	2.5	28
17	Trypa-NO! contributes to the elimination of gambiense human African trypanosomiasis by combining tsetse control with –screen, diagnose and treat– using innovative tools and strategies. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008738.	3.0	28
18	Influence of temperature and relative humidity on survival and fecundity of three tsetse strains. <i>Parasites and Vectors</i> , 2016, 9, 520.	2.5	24

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19	Foraging range of arthropods with veterinary interest: New insights for Afrotropical Culicoides biting midges (Diptera: Ceratopogonidae) using the ring method. <i>Acta Tropica</i> , 2016, 157, 59-67.	2.0	23
20	Host preferences and circadian rhythm of Culicoides (Diptera: Ceratopogonidae), vectors of African horse sickness and bluetongue viruses in Senegal. <i>Acta Tropica</i> , 2015, 149, 239-245.	2.0	22
21	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
22	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
23	Do tsetse flies only feed on blood?. <i>Infection, Genetics and Evolution</i> , 2015, 36, 184-189.	2.3	18
24	Circadian activity of <i>Culicoides oxystoma</i> (Diptera: Ceratopogonidae), potential vector of bluetongue and African horse sickness viruses in the Niayes area, Senegal. <i>Parasitology Research</i> , 2015, 114, 3151-3158.	1.6	18
25	Diagnosis of animal trypanosomoses: proper use of current tools and future prospects. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	18
26	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
27	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
28	Phylogenetic relationships and molecular delimitation of <i>Culicoides latreillei</i> (Diptera: Ceratopogonidae) species in the Afrotropical region: interest for the subgenus <i>Avaritia</i> . <i>Systematic Entomology</i> , 2018, 43, 355-371.	3.9	13
29	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
30	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
31	A Molecular Method to Discriminate between Mass-Reared Sterile and Wild Tsetse Flies during Eradication Programmes That Have a Sterile Insect Technique Component. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004491.	3.0	12
32	How do species, population and active ingredient influence insecticide susceptibility in <i>Culicoides</i> biting midges (Diptera: Ceratopogonidae) of veterinary importance?. <i>Parasites and Vectors</i> , 2015, 8, 439.	2.5	11
33	An epidemiologically successful <i>Escherichia coli</i> sequence type modulates <i>Plasmodium falciparum</i> infection in the mosquito midgut. <i>Infection, Genetics and Evolution</i> , 2016, 43, 22-30.	2.3	11
34	A library preparation optimized for metagenomics of RNA viruses. <i>Molecular Ecology Resources</i> , 2021, 21, 1788-1807.	4.8	10
35	Insight on the larval habitat of Afrotropical <i>Culicoides latreillei</i> (Diptera: Ceratopogonidae) in the Niayes area of Senegal, West Africa. <i>Parasites and Vectors</i> , 2016, 9, 462.	2.5	8
36	6. Integrated control of trypanosomosis. <i>Ecology and Control of Vector-Borne Diseases</i> , 2018, , 147-174.	0.7	8

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37	Insecticide and Repellent Mixture Pour-On Protects Cattle against Animal Trypanosomosis. PLoS Neglected Tropical Diseases, 2016, 10, e0005248.	3.0	7
38	Larval competition between <i>An. coluzzii</i> and <i>An. gambiae</i> in insectary and semi-field conditions in Burkina Faso. Acta Tropica, 2014, 130, 155-161.	2.0	5
39	Life history consequences of larval foraging depth differ between two competing <i>Anopheles</i> mosquitoes. Ecological Entomology, 2015, 40, 143-149.	2.2	5
40	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
41	Quality Control and Mating Performance of Irradiated <i>Glossina palpalis gambiensis</i> Males. Insects, 2022, 13, 476.	2.2	5
42	Host-feeding patterns of <i>Aedes (Aedimorphus) vexans arabiensis</i> , a Rift Valley Fever virus vector in the Ferlo pastoral ecosystem of Senegal. PLoS ONE, 2019, 14, e0215194.	2.5	3
43	Evaluation of different blood-feeding frequencies on <i>Glossina palpalis gambiensis</i> performance in a mass-rearing insectary. Parasites and Vectors, 2021, 14, 46.	2.5	2
44	Physicochemical factors affecting the diversity and abundance of Afrotropical <i>Culicoides</i> species in larval habitats in Senegal. Acta Tropica, 2021, 220, 105932.	2.0	1