

Albin Fontaine

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,930
citations

331259

21
h-index

476904

29
g-index

45
all docs

45
docs citations

45
times ranked

3033
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent African strains of Zika virus display higher transmissibility and fetal pathogenicity than Asian strains. <i>Nature Communications</i> , 2021, 12, 916.	5.8	80
2	Non-retroviral Endogenous Viral Element Limits Cognate Virus Replication in <i>Aedes aegypti</i> Ovaries. <i>Current Biology</i> , 2020, 30, 3495-3506.e6.	1.8	88
3	Habitat and Seasonality Affect Mosquito Community Composition in the West Region of Cameroon. <i>Insects</i> , 2020, 11, 312.	1.0	40
4	Exome-wide association study reveals largely distinct gene sets underlying specific resistance to dengue virus types 1 and 3 in <i>Aedes aegypti</i> . <i>PLoS Genetics</i> , 2020, 16, e1008794.	1.5	13
5	Modeling intra-mosquito dynamics of Zika virus and its dose-dependence confirms the low epidemic potential of <i>Aedes albopictus</i> . <i>PLoS Pathogens</i> , 2020, 16, e1009068.	2.1	21
6	Title is missing!. , 2020, 16, e1008794.		0
7	Title is missing!. , 2020, 16, e1008794.		0
8	Title is missing!. , 2020, 16, e1008794.		0
9	Title is missing!. , 2020, 16, e1008794.		0
10	Title is missing!. , 2020, 16, e1009068.		0
11	Title is missing!. , 2020, 16, e1009068.		0
12	Title is missing!. , 2020, 16, e1009068.		0
13	Title is missing!. , 2020, 16, e1009068.		0
14	The native European <i>Aedes geniculatus</i> mosquito species can transmit chikungunya virus. <i>Emerging Microbes and Infections</i> , 2019, 8, 962-972.	3.0	14
15	Longitudinal monitoring of environmental factors at Culicidae larval habitats in urban areas and their association with various mosquito species using an innovative strategy. <i>Pest Management Science</i> , 2019, 75, 923-934.	1.7	6
16	Duration of Zika Viremia in Serum. <i>Clinical Infectious Diseases</i> , 2018, 67, 1143-1144.	2.9	16
17	Improvement of mosquito identification by MALDI-TOF MS biotyping using protein signatures from two body parts. <i>Parasites and Vectors</i> , 2018, 11, 574.	1.0	32
18	Improved reference genome of <i>Aedes aegypti</i> informs arbovirus vector control. <i>Nature</i> , 2018, 563, 501-507.	13.7	426

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19	Variability of Zika Virus Incubation Period in Humans. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy261.	0.4	13
20	Epidemiological significance of dengue virus genetic variation in mosquito infection dynamics. <i>PLoS Pathogens</i> , 2018, 14, e1007187.	2.1	41
21	Extensive Genetic Differentiation between Homomorphic Sex Chromosomes in the Mosquito Vector, <i>Aedes aegypti</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 2322-2335.	1.1	45
22	Excretion of dengue virus RNA by <i>Aedes aegypti</i> allows non-destructive monitoring of viral dissemination in individual mosquitoes. <i>Scientific Reports</i> , 2016, 6, 24885.	1.6	67
23	Genetic Drift, Purifying Selection and Vector Genotype Shape Dengue Virus Intra-host Genetic Diversity in Mosquitoes. <i>PLoS Genetics</i> , 2016, 12, e1006111.	1.5	117
24	Detection of Chikungunya Virus Circulation Using Sugar-Baited Traps during a Major Outbreak in French Guiana. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004876.	1.3	27
25	Three-way interactions between mosquito population, viral strain and temperature underlying chikungunya virus transmission potential. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141078.	1.2	145
26	Genetic Mapping of Specific Interactions between <i>Aedes aegypti</i> Mosquitoes and Dengue Viruses. <i>PLoS Genetics</i> , 2013, 9, e1003621.	1.5	105
27	<i>Anopheles</i> salivary gland proteomes from major malaria vectors. <i>BMC Genomics</i> , 2012, 13, 614.	1.2	23
28	Assessment of <i>Anopheles</i> salivary antigens as individual exposure biomarkers to species-specific malaria vector bites. <i>Malaria Journal</i> , 2012, 11, 439.	0.8	35
29	<i>Plasmodium falciparum</i> infection-induced changes in erythrocyte membrane proteins. <i>Parasitology Research</i> , 2012, 110, 545-556.	0.6	21
30	Relationship between Exposure to Vector Bites and Antibody Responses to Mosquito Salivary Gland Extracts. <i>PLoS ONE</i> , 2011, 6, e29107.	1.1	48
31	Implication of haematophagous arthropod salivary proteins in host-vector interactions. <i>Parasites and Vectors</i> , 2011, 4, 187.	1.0	153
32	Salivary Gland Protein Repertoire from <i>Aedes aegypti</i> Mosquitoes. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 391-402.	0.6	37
33	Specific antibody responses against membrane proteins of erythrocytes infected by <i>Plasmodium falciparum</i> of individuals briefly exposed to malaria. <i>Malaria Journal</i> , 2010, 9, 276.	0.8	25
34	<i>Plasmodium falciparum</i> proteome changes in response to doxycycline treatment. <i>Malaria Journal</i> , 2010, 9, 141.	0.8	62
35	Platelet microparticles: a new player in malaria parasite cytoadherence to human brain endothelium. <i>FASEB Journal</i> , 2009, 23, 3449-3458.	0.2	103
36	In Vitro Activity of Ferroquine Is Independent of Polymorphisms in Transport Protein Genes Implicated in Quinoline Resistance in <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2755-2759.	1.4	58

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37	Atorvastatin Is 10-Fold More Active In Vitro than Other Statins against Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2007, 51, 2654-2655.	1.4	46