

Franck Prugnolle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1686184/publications.pdf>

Version: 2024-02-01

59
papers

2,833
citations

257450

24
h-index

189892

50
g-index

63
all docs

63
docs citations

63
times ranked

3656
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen-Driven Selection and Worldwide HLA Class I Diversity. <i>Current Biology</i> , 2005, 15, 1022-1027.	3.9	449
2	Geography predicts neutral genetic diversity of human populations. <i>Current Biology</i> , 2005, 15, R159-R160.	3.9	344
3	African great apes are natural hosts of multiple related malaria species, including <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1458-1463.	7.1	229
4	Genomes of all known members of a <i>Plasmodium</i> subgenus reveal paths to virulent human malaria. <i>Nature Microbiology</i> , 2018, 3, 687-697.	13.3	129
5	A New Malaria Agent in African Hominids. <i>PLoS Pathogens</i> , 2009, 5, e1000446.	4.7	127
6	Genome sequencing of chimpanzee malaria parasites reveals possible pathways of adaptation to human hosts. <i>Nature Communications</i> , 2014, 5, 4754.	12.8	124
7	Geography is a better determinant of human genetic differentiation than ethnicity. <i>Human Genetics</i> , 2005, 118, 366-371.	3.8	122
8	<i>Plasmodium falciparum</i> Accompanied the Human Expansion out of Africa. <i>Current Biology</i> , 2010, 20, 1283-1289.	3.9	121
9	Multiple independent introductions of <i>Plasmodium falciparum</i> in South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 511-516.	7.1	100
10	A Fresh Look at the Origin of <i>Plasmodium falciparum</i> , the Most Malignant Malaria Agent. <i>PLoS Pathogens</i> , 2011, 7, e1001283.	4.7	90
11	Malaria continues to select for sickle cell trait in Central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7051-7054.	7.1	88
12	Diversity, host switching and evolution of <i>Plasmodium vivax</i> infecting African great apes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8123-8128.	7.1	82
13	African monkeys are infected by <i>Plasmodium falciparum</i> nonhuman primate-specific strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11948-11953.	7.1	62
14	Ape malaria transmission and potential for ape-to-human transfers in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5329-5334.	7.1	59
15	Diversity of malaria parasites in great apes in Gabon. <i>Malaria Journal</i> , 2015, 14, 111.	2.3	42
16	<i>Anopheles moucheti</i> and <i>Anopheles vinckei</i> Are Candidate Vectors of Ape <i>Plasmodium</i> Parasites, Including <i>Plasmodium praefalciparum</i> in Gabon. <i>PLoS ONE</i> , 2013, 8, e57294.	2.5	40
17	Resurrection of the ancestral RH5 invasion ligand provides a molecular explanation for the origin of <i>P. falciparum</i> malaria in humans. <i>PLoS Biology</i> , 2019, 17, e3000490.	5.6	38
18	Natural <i>Wolbachia</i> infections are common in the major malaria vectors in Central Africa. <i>Evolutionary Applications</i> , 2019, 12, 1583-1594.	3.1	36

#	ARTICLE	IF	CITATIONS
19	Haemosporidian Parasites of Antelopes and Other Vertebrates from Gabon, Central Africa. PLoS ONE, 2016, 11, e0148958.	2.5	36
20	Tracking zoonotic pathogens using blood-sucking flies as 'flying syringes'. ELife, 2017, 6, .	6.0	35
21	Recent Adaptive Acquisition by African Rainforest Hunter-Gatherers of the Late Pleistocene Sickle-Cell Mutation Suggests Past Differences in Malaria Exposure. American Journal of Human Genetics, 2019, 104, 553-561.	6.2	33
22	Plasmodium vivax-like genome sequences shed new insights into Plasmodium vivax biology and evolution. PLoS Biology, 2018, 16, e2006035.	5.6	32
23	First Detection of an Enterovirus C99 in a Captive Chimpanzee with Acute Flaccid Paralysis, from the Tchimpounga Chimpanzee Rehabilitation Center, Republic of Congo. PLoS ONE, 2015, 10, e0136700.	2.5	30
24	The host specificity of ape malaria parasites can be broken in confined environments. International Journal for Parasitology, 2016, 46, 737-744.	3.1	30
25	African Non-Human Primates Host Diverse Enteroviruses. PLoS ONE, 2017, 12, e0169067.	2.5	29
26	No Evidence for Ape Plasmodium Infections in Humans in Gabon. PLoS ONE, 2015, 10, e0126933.	2.5	27
27	Human Plasmodium vivax diversity, population structure and evolutionary origin. PLoS Neglected Tropical Diseases, 2020, 14, e0008072.	3.0	26
28	A comparison of Anopheles gambiae and Plasmodium falciparum genetic structure over space and time. Microbes and Infection, 2008, 10, 269-275.	1.9	23
29	Population genomic evidence of <i>Plasmodium vivax</i> Southeast Asian origin. Science Advances, 2021, 7, .	10.3	21
30	Evolutionary analyses of the major variant surface antigen-encoding genes reveal population structure of Plasmodium falciparum within and between continents. PLoS Genetics, 2021, 17, e1009269.	3.5	20
31	Isolation of Plasmodium falciparum by flow-cytometry: implications for single-trophozoite genotyping and parasite DNA purification for whole-genome high-throughput sequencing of archival samples. Malaria Journal, 2012, 11, 163.	2.3	18
32	Malaria-like symptoms associated with a natural Plasmodium reichenowi infection in a chimpanzee. Malaria Journal, 2015, 14, 220.	2.3	17
33	Prevalence of the Sickle Cell Trait in Gabon: A nationwide study. Infection, Genetics and Evolution, 2014, 25, 52-56.	2.3	16
34	Evolutionary structure of <i>Plasmodium falciparum</i> major variant surface antigen genes in South America: Implications for epidemic transmission and surveillance. Ecology and Evolution, 2017, 7, 9376-9390.	1.9	16
35	Extensive diversity of malaria parasites circulating in Central African bats and monkeys. Ecology and Evolution, 2018, 8, 10578-10586.	1.9	14
36	Rodent malaria in Gabon: Diversity and host range. International Journal for Parasitology: Parasites and Wildlife, 2019, 10, 117-124.	1.5	14

#	ARTICLE	IF	CITATIONS
37	“Show me which parasites you carry and I will tell you what you eat”, or how to infer the trophic behavior of hematophagous arthropods feeding on wildlife. <i>Ecology and Evolution</i> , 2017, 7, 7578-7584.	1.9	12
38	Description of <i>Anopheles gabonensis</i> , a new species potentially involved in rodent malaria transmission in Gabon, Central Africa. <i>Infection, Genetics and Evolution</i> , 2014, 28, 628-634.	2.3	11
39	<i>Plasmodium falciparum</i> not as lonely as previously considered. <i>Virulence</i> , 2011, 2, 71-76.	4.4	10
40	High Rate of Simian Immunodeficiency Virus (SIV) Infections in Wild Chimpanzees in Northeastern Gabon. <i>Viruses</i> , 2015, 7, 4997-5015.	3.3	10
41	Haemosporidian Parasites of Reptiles and Birds from Gabon, Central Africa. <i>Journal of Parasitology</i> , 2017, 103, 330.	0.7	9
42	Patterns of selection on <i>Plasmodium falciparum</i> erythrocyte-binding antigens after the colonization of the New World. <i>Molecular Ecology</i> , 2014, 23, 1979-1993.	3.9	8
43	Detection of Ebola Virus Antibodies in Fecal Samples of Great Apes in Gabon. <i>Viruses</i> , 2020, 12, 1347.	3.3	8
44	Might Interspecific Interactions between Pathogens Drive Host Evolution? The Case of <i>Plasmodium</i> Species and Duffy-Negativity in Human Populations. <i>Trends in Parasitology</i> , 2017, 33, 21-29.	3.3	7
45	A population genetic perspective on the origin, spread and adaptation of the human malaria agents <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> . <i>FEMS Microbiology Reviews</i> , 2022, 46, .	8.6	7
46	Selection shapes malaria genomes and drives divergence between pathogens infecting hominids versus rodents. <i>BMC Evolutionary Biology</i> , 2008, 8, 223.	3.2	5
47	Reply to Sharp et al.: Host species sampling bias and <i>Plasmodium falciparum</i> origin paradigm shifts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E873.	7.1	4
48	Using haematophagous fly blood meals to study the diversity of blood-borne pathogens infecting wild mammals. <i>Molecular Ecology Resources</i> , 2022, 22, 2915-2927.	4.8	4
49	Multiresistant Enterobacteriaceae in yellow-legged gull chicks in their first weeks of life. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	4
50	Surgical Treatment of <i>Oesophagostomum</i> spp. Nodular Infection in a Chimpanzee at the CIRMF Primatology Center, Gabon. <i>Case Reports in Veterinary Medicine</i> , 2021, 2021, 1-5.	0.2	2
51	Evolutionary history of <i>Plasmodium vivax</i> and <i>Plasmodium simium</i> in the Americas. <i>Malaria Journal</i> , 2022, 21, 141.	2.3	2
52	The origin of <i>Plasmodium vivax</i> : science or story telling?. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	8.6	1
53	Genetic diversity of <i>Plasmodium falciparum</i> isolates from Baka Pygmies and their Bantu neighbours in the north of Gabon. <i>Malaria Journal</i> , 2015, 14, 395.	2.3	0
54	Title is missing!. , 2019, 17, e3000490.		0

#	ARTICLE	IF	CITATIONS
55	Title is missing!. , 2019, 17, e3000490.		0
56	Title is missing!. , 2019, 17, e3000490.		0
57	Title is missing!. , 2019, 17, e3000490.		0
58	Title is missing!. , 2019, 17, e3000490.		0
59	Title is missing!. , 2019, 17, e3000490.		0