Erika Braga

List of Publications by Year
in descending order

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110	2,769	172457	254184
papers	citations	29 h-index	43 g-index

118	118	118	2931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of circumsporozoite proteins from avian and mammalian malarias: biological and phylogenetic implications.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11889-11894.	7.1	157
2	Exploring the Diversity and Distribution of Neotropical Avian Malaria Parasites â€“ A Molecular Survey from Southeast Brazil. PLoS ONE, 2013, 8, e57770.	2.5	89
3	Plasmodium vivax: Induction of CD4+CD25+FoxP3+ Regulatory T Cells during Infection Are Directly Associated with Level of Circulating Parasites. PLoS ONE, 2010, 5, e9623.	2.5	77
4	Association of the IgG response to Plasmodium falciparum merozoite protein (C-terminal 19 kD) with clinical immunity to malaria in the Brazilian Amazon region.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 461-466.	1.4	67
5	Recent advances in the study of avian malaria: an overview with an emphasis on the distribution of Plasmodium spp in Brazil. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 3-11.	1.6	66
6	Malaria in penguins â€“ current perceptions. Avian Pathology, 2016, 45, 393-407.	2.0	64
7	Low sensitivity of nested PCR using Plasmodium DNA extracted from stained thick blood smears: an epidemiological retrospective study among subjects with low parasitaemia in an endemic area of the Brazilian Amazon region. Malaria Journal, 2004, 3, 8.	2.3	63
8	High prevalence of Plamodium malariae infections in a Brazilian Amazon endemic area (ApiacÃ¡sâ€”Mato) Tj ETQq0 0 0 rgBT /Overlock 1	2.0	62
9	Host community similarity and geography shape the diversity and distribution of haemosporidian parasites in Amazonian birds. Ecography, 2018, 41, 505-515.	4.5	57
10	Naturally acquired inhibitory antibodies toPlasmodium vivaxDuffy binding protein are short-lived and allele-specific following a single malaria infection. Clinical and Experimental Immunology, 2009, 156, 502-510.	2.6	56
11	Epidemiology and control of frontier malaria in Brazil: lessons from community-based studies in rural Amazonia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 343-350.	1.8	56
12	Prevalence and Lineage Diversity of Avian Haemosporidians from Three Distinct Cerrado Habitats in Brazil. PLoS ONE, 2011, 6, e17654.	2.5	55
13	Epidemiology and pathology of avian malaria in penguins undergoing rehabilitation in Brazil. Veterinary Research, 2015, 46, 30.	3.0	53
14	High prevalence of blood parasites in social birds from a neotropical savanna in Brazil. Emu, 2011, 111, 132-138.	0.6	50
15	Outbreak of Avian Malaria Associated to Multiple Species of Plasmodium in Magellanic Penguins Undergoing Rehabilitation in Southern Brazil. PLoS ONE, 2014, 9, e94994.	2.5	48
16	Avian malaria in Brazilian passerine birds: parasitism detected by nested PCR using DNA from stained blood smears. Parasitology, 2005, 130, 261-267.	1.5	46
17	Blood parasites of penguins: a critical review. Parasitology, 2016, 143, 931-956.	1.5	43
18	IgG isotype to C-terminal 19ï¿½kDa of Plasmodium vivax merozoite surface protein 1 among subjects with different levels of exposure to malaria in Brazil. Parasitology Research, 2005, 95, 420-426.	1.6	42

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19	Global drivers of avian haemosporidian infections vary across zoogeographical regions. Global Ecology and Biogeography, 2021, 30, 2393-2406.	5.8	42
20	Identification of a Highly Antigenic Linear B Cell Epitope within Plasmodium vivax Apical Membrane Antigen 1 (AMA-1). PLoS ONE, 2011, 6, e21289.	2.5	40
21	ANTIBODIES TO PLASMODIUM VIVAX APICAL MEMBRANE ANTIGEN 1: PERSISTENCE AND CORRELATION WITH MALARIA TRANSMISSION INTENSITY. American Journal of Tropical Medicine and Hygiene, 2006, 75, 582-587.	1.4	39
22	Interleukin-17 producing T helper cells are increased during natural Plasmodium vivax infection. Acta Tropica, 2012, 123, 53-57.	2.0	37
23	Trade-offs and resource breadth processes as drivers of performance and specificity in a hostâ€“parasite system: a new integrative hypothesis. International Journal for Parasitology, 2016, 46, 115-121.	3.1	37
24	ANTIâ€“PLASMODIUM VIVAX DUFFY BINDING PROTEIN ANTIBODIES MEASURE EXPOSURE TO MALARIA IN THE BRAZILIAN AMAZON. American Journal of Tropical Medicine and Hygiene, 2005, 72, 675-681.	1.4	37
25	Inhibitory Properties of the Antibody Response to Plasmodium vivax Duffy Binding Protein in an Area with Unstable Malaria Transmission. Scandinavian Journal of Immunology, 2008, 67, 270-278.	2.7	33
26	Habitat modification and seasonality influence avian haemosporidian parasite distributions in southeastern Brazil. PLoS ONE, 2017, 12, e0178791.	2.5	33
27	Long-Term Humoral and Cellular Immune Responses Elicited by a Heterologous Plasmodium vivax Apical Membrane Antigen 1 Protein Prime/Adenovirus Boost Immunization Protocol. Infection and Immunity, 2011, 79, 3642-3652.	2.2	32
28	Parasitological and new molecular-phylogenetic characterization of the malaria parasite Plasmodium tejerai in South American penguins. Parasitology International, 2013, 62, 165-171.	1.3	32
29	Potential Immune Mechanisms Associated with Anemia in Plasmodium vivax Malaria: a Puzzling Question. Infection and Immunity, 2014, 82, 3990-4000.	2.2	32
30	Anti-erythrocyte antibodies may contribute to anaemia in Plasmodium vivax malaria by decreasing red blood cell deformability and increasing erythrophagocytosis. Malaria Journal, 2016, 15, 397.	2.3	31
31	Do ticks and Borrelia burgdorferi s.l. constitute a burden to birds?. Parasitology Research, 2013, 112, 1903-1912.	1.6	30
32	Persistence of Humoral Response against Sporozoite and Bloodâ€Stage Malaria Antigens 7 Years after a Brief Exposure toPlasmodium vivax. Journal of Infectious Diseases, 1998, 177, 1132-1135.	4.0	29
33	In vivoantimalarial efficacy of acetogenins, alkaloids and flavonoids enriched fractions fromAnnona crassifloraMart.. Natural Product Research, 2014, 28, 1254-1259.	1.8	29
34	A new pathogen spillover from domestic to wild animals: Plasmodium juxtanucleare infects free-living passerines in Brazil. Parasitology, 2018, 145, 1949-1958.	1.5	29
35	Antibodies to Plasmodium vivax apical membrane antigen 1: persistence and correlation with malaria transmission intensity. American Journal of Tropical Medicine and Hygiene, 2006, 75, 582-7.	1.4	29
36	Vertical toxoplasmosis in a murine model. Protection after immunization with antigens of Toxoplasma gondii incorporated into liposomes. Memorias Do Instituto Oswaldo Cruz, 2001, 96, 99-104.	1.6	28

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37	Seroprevalence of orthopoxvirus in an Amazonian rural village, Acre, Brazil. Archives of Virology, 2010, 155, 1139-1144.	2.1	28
38	Searching for putative avian malaria vectors in a Seasonally Dry Tropical Forest in Brazil. Parasites and Vectors, 2016, 9, 587.	2.5	28
39	Naturally acquired antibodies to Plasmodium vivax blood-stage vaccine candidates (PvMSP-119 and) Tj ETQq1 1 0.784314 rgBT /Over Brazilian Amazon. Microbes and Infection, 2012, 14, 730-739.	1.9	27
40	Polymorphism at the apical membrane antigen 1 locus reflects the world population history of Plasmodium vivax. BMC Evolutionary Biology, 2008, 8, 123.	3.2	26
41	Blood parasites in passerine birds from the Brazilian Atlantic Forest. Brazilian Journal of Veterinary Parasitology, 2012, 21, 7-15.	0.7	25
42	Anti-Plasmodium vivax duffy binding protein antibodies measure exposure to malaria in the Brazilian Amazon. American Journal of Tropical Medicine and Hygiene, 2005, 72, 675-81.	1.4	25
43	Avian malaria in captive psittacine birds: Detection by microscopy and 18S rRNA gene amplification. Preventive Veterinary Medicine, 2009, 88, 220-224.	1.9	24
44	Cytokine modulation of human blood viscosity from vivax malaria patients. Acta Tropica, 2016, 158, 139-147.	2.0	24
45	A systematic review on malaria sero-epidemiology studies in the Brazilian Amazon: insights into immunological markers for exposure and protection. Malaria Journal, 2017, 16, 107.	2.3	24
46	Plasmodium berghei NK65 induces cerebral leukocyte recruitment in vivo: An intravital microscopic study. Acta Tropica, 2011, 120, 31-39.	2.0	23
47	Effects of avian malaria on male behaviour and female visitation in lekking blueâ€crowned manakins. Journal of Avian Biology, 2016, 47, 457-465.	1.2	23
48	Migratory birds have higher prevalence and richness of avian haemosporidian parasites than residents. International Journal for Parasitology, 2021, 51, 877-882.	3.1	23
49	Naturally acquired antibodies to merozoite surface protein (MSP)-1(19) and cumulative exposure to Plasmodium falciparum and Plasmodium vivax in remote populations of the Amazon Basin of Brazil. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 943-951.	1.6	22
50	Anti-band 3 and anti-spectrin antibodies are increased in Plasmodium vivax infection and are associated with anemia. Scientific Reports, 2018, 8, 8762.	3.3	22
51	Blood parasites in Brazilian Atlantic Forest birds: effects of fragment size and habitat dependency. Bird Conservation International, 2010, 20, 432-439.	1.3	21
52	Host associations and turnover of haemosporidian parasites in manakins (Aves: Pipridae). Parasitology, 2017, 144, 984-993.	1.5	21
53	Effect of the Aedes fluviatilis saliva on the development of Plasmodium gallinaceum infection in Gallus (gallus) domesticus. Memorias Do Instituto Oswaldo Cruz, 2004, 99, 709-715.	1.6	21
54	Factors Associated with Immunoglobulin G Subclass Polarization in Naturally Acquired Antibodies to Plasmodium falciparum Merozoite Surface Proteins: a Cross-Sectional Survey in Brazilian Amazonia. Vaccine Journal, 2006, 13, 810-813.	3.1	20

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55	Diversity of avian haemosporidians in arid zones of northern Venezuela. Parasitology, 2012, 139, 1021-1028.	1.5	20
56	Does haemosporidian infection affect hematological and biochemical profiles of the endangered Black-fronted piping-guan (Aburria jacutinga)?. PeerJ, 2013, 1, e45.	2.0	20
57	Increased polyclonal immunoglobulin reactivity toward human and bacterial proteins is associated with clinical protection in human Plasmodium infection. Malaria Journal, 2005, 4, 5.	2.3	19
58	Autoantibodies and Malaria: Where We Stand? Insights Into Pathogenesis and Protection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 262.	3.9	19
59	Polymorphism of the FcÎ³ receptor IIA and malaria morbidity. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2005, 01, 5-10.	0.1	19
60	Low cellular response in vitro among subjects with long-term exposure to malaria transmission in Brazilian endemic areas.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 299-303.	1.4	19
61	Plasmodium falciparum: IgG subclass antibody response to merozoite surface protein-1 among Amazonian gold miners, in relation to infection status and disease expression. Experimental Parasitology, 2005, 109, 124-134.	1.2	18
62	Plasmodium vivax recombinant vaccine candidate AMA-1 plays an important role in adaptive immune response eliciting differentiation of dendritic cells. Vaccine, 2009, 27, 5581-5588.	3.8	17
63	Epidemiology and molecular phylogeny of Babesia sp. in Little Penguins Eudyptula minor in Australia. International Journal for Parasitology: Parasites and Wildlife, 2015, 4, 198-205.	1.5	17
64	Prevalence and diversity of avian malaria parasites in migratory Black Skimmers (Rynchops niger,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	17
65	Migrant birds disperse haemosporidian parasites and affect their transmission in avian communities. Oikos, 2021, 130, 979-988.	2.7	17
66	Association between particular polymorphic residues on apical membrane antigen 1 (AMA-1) and platelet levels in patients with vivax malaria. Clinical Microbiology and Infection, 2007, 13, 1089-1094.	6.0	16
67	Immunoglobulin GM 3 23 5,13,14 phenotype is strongly associated with IgG1 antibody responses to Plasmodium vivax vaccine candidate antigens PvMSP1-19 and PvAMA-1. Malaria Journal, 2010, 9, 229.	2.3	16
68	Variability of the salivary proteins of 20 Brazilian populations of Panstrongylus megistus (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	15
69	Direct effect of Plasmodium vivax recombinant vaccine candidates AMA-1 and MSP-119 on the innate immune response. Vaccine, 2008, 26, 1204-1213.	3.8	15
70	Hematological and parasitological health conditions of the Pale-breasted Thrush (Turdus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (	0.5	15
71	Blood Parasites in Nestlings of Wood Stork Populations from Three Regions of the American Continent. Journal of Parasitology, 2013, 99, 522-527.	0.7	15
72	VARIANT-SPECIFIC ANTIBODIES TO MEROZOITE SURFACE PROTEIN 2 AND CLINICAL EXPRESSION OF PLASMODIUM FALCIPARUM MALARIA IN RURAL AMAZONIANS. American Journal of Tropical Medicine and Hygiene, 2007, 76, 1084-1091.	1.4	15

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73	Reduced protective effect of Plasmodium berghei immunization by concurrent Schistosoma mansoni infection. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 674-677.	1.6	14
74	Epidemiology, hematology, and unusual morphological characteristics of Plasmodium during an avian malaria outbreak in penguins in Brazil. Parasitology Research, 2019, 118, 3497-3508.	1.6	14
75	<I>Lutzomyia longipalpis</I> Peritrophic Matrix: Formation, Structure, and Chemical Composition. Journal of Medical Entomology, 2005, 42, 928-938.	1.8	12
76	Changes in malaria patterns in Brazil over 28â€‰years (1990â€“2017): results from the Global Burden of Disease Study 2017. Population Health Metrics, 2020, 18, 5.	2.7	12
77	Differential Serodiagnosis of Human Infections Caused by Trypanosoma cruzi and Leishmania spp. Using ELISA with a Recombinant Antigen (rTc24). Memorias Do Instituto Oswaldo Cruz, 1997, 92, 791-793.	1.6	12
78	Variant-specific antibodies to merozoite surface protein 2 and clinical expression of Plasmodium falciparum malaria in rural Amazonians. American Journal of Tropical Medicine and Hygiene, 2007, 76, 1084-91.	1.4	11
79	Haemoproteus paraortalidum n. sp. in captive Black-fronted Piping-guans Aburria jacutinga (Galliformes, Cracidae): High prevalence in a population reintroduced into the wild. Acta Tropica, 2018, 188, 93-100.	2.0	10
80	Diptera Vectors of Avian Haemosporidians: With Emphasis on Tropical Regions. , 2020, , 185-250.		10
81	Using a multistate occupancy approach to determine molecular diagnostic accuracy and factors affecting avian haemosporidian infections. Scientific Reports, 2020, 10, 8480.	3.3	10
82	Evaluating anti-Orthopoxvirus antibodies in individuals from Brazilian rural areas prior to the bovine vaccinia era. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 804-808.	1.6	9
83	Avian Malaria (Plasmodium spp.) in Captive Magellanic Penguins (Spheniscus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	9
84	Profiling of individual human red blood cells under osmotic stress using defocusing microscopy. Journal of Biomedical Optics, 2016, 21, 090505.	2.6	9
85	Close relationship of Plasmodium sequences detected from South American pampas deer (Ozotoceros) Tj ETQq1 1 0.784314 rgBT /O Parasitology: Parasites and Wildlife, 2018, 7, 44-47.	1.5	9
86	Loss of forest cover and host functional diversity increases prevalence of avian malaria parasites in the Atlantic Forest. International Journal for Parasitology, 2021, 51, 719-728.	3.1	9
87	Patterns of avian malaria in tropical and temperate environments: testing the "The enemy release hypothesis". Biota Neotropica, 2019, 19, .	0.5	9
88	Difference in susceptibility to lysis between clones of the Y strain of Trypanosoma cruzi. Memorias Do Instituto Oswaldo Cruz, 1993, 88, 529-534.	1.6	8
89	Hemoparasites and their relation to body condition and plumage coloration of the White-necked thrush (Turdus albicollis). Ethology Ecology and Evolution, 2020, 32, 509-526.	1.4	8
90	Higher infection probability of haemosporidian parasites in Blue-black Grassquits (Volatinia jacarina) inhabiting native vegetation across Brazil. Parasitology International, 2021, 80, 102204.	1.3	8

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91	Migratory behaviour does not alter cophylogenetic congruence between avian hosts and their haemosporidian parasites. Parasitology, 2022, 149, 905-912.	1.5	8
92	Microfilariae Infection in Wild Birds from the Brazilian Cerrado. Journal of Wildlife Diseases, 2010, 46, 1305-1309.	0.8	7
93	Plasmodium vivax infection induces expansion of activated naÃ¯ve/memory TÂcells and differentiation into a central memory profile. Microbes and Infection, 2013, 15, 837-843.	1.9	7
94	First report of avian malaria in a Manx shearwater (Puffinus puffinus). Parasitology International, 2020, 78, 102148.	1.3	7
95	Effects of IgG and IgM autoantibodies on non-infected erythrocytes is related to ABO blood group in Plasmodium vivax malaria and is associated with anemia. Microbes and Infection, 2020, 22, 379-383.	1.9	7
96	Host migration and environmental temperature influence avian haemosporidians prevalence: a molecular survey in a Brazilian Atlantic rainforest. PeerJ, 2021, 9, e11555.	2.0	6
97	A new haemosporidian parasite from the Red-legged Seriema Cariama cristata (Cariamiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	5
98	Interactions ofPlasmodium juxtanucleareand chicken anaemia virus: establishing a model. Parasitology, 2013, 140, 1777-1788.	1.5	4
99	Allele-specific antibodies to Plasmodium vivax merozoite surface protein-1: prevalence and inverse relationship to haemoglobin levels during infection. Malaria Journal, 2016, 15, 559.	2.3	4
100	Avian haemosporidians in the cattle egret (Bubulcus ibis) from central-western and southern Africa: High diversity and prevalence. PLoS ONE, 2019, 14, e0212425.	2.5	4
101	Molecular and pathological investigations of Plasmodium parasites infecting striped forest whiptail lizards (Kentropyx calcarata) in Brazil. Parasitology Research, 2020, 119, 2631-2640.	1.6	4
102	Haemosporidian taxonomic composition, network centrality and partner fidelity between resident and migratory avian hosts. Oecologia, 2021, 197, 501-509.	2.0	4
103	Preliminary assessment of anti-Î±-Gal IgG and IgM levels in patients with patent Plasmodium vivax infection. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190145.	1.6	3
104	First record of haemosporidian parasites infecting swifts (Aves: Apodidae). Acta Tropica, 2019, 197, 105070.	2.0	3
105	Molecular detection of Leucocytozoon in red-legged seriemas (Cariama cristata), a non-migratory bird species in the Brazilian Cerrado. Veterinary Parasitology: Regional Studies and Reports, 2022, 31, 100652.	0.5	3
106	Hepatozoonssp. (Apicomplexa: Hepatozoidae) Infection and Selected Hematological Values of the Neotropical Rattlesnake,Crotalus durissus collilineatus(Linnaeus, 1758) (Serpentes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 13	0.6	2
107	Plasmodium ouropretensis, n. sp., a new case of non-erythrocytic species within lizard malaria parasites. Parasitology, 2021, 148, 1467-1474.	1.5	1
108	Prevalence and richness of malaria and malaria-like parasites in wild birds from different biomes in South America. PeerJ, 0, 10, e13485.	2.0	1

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109	An immunoproteomic approach reveals a different pattern of non-infected erythrocyte membrane protein recognition by antibodies from non-anemic and anemic patients with patent Plasmodium vivax infection. Malaria Journal, 2014, 13, .	2.3	0
110	Investigation ofBabesiasp. in pygoscelid penguins at the South Shetland Islands. Polar Research, 2018, 37, 1500267.	1.6	0