

George Luiz Lins Machado-Coelho

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

12,673
citations

136950

32
h-index

31849

101
g-index

115
all docs

115
docs citations

115
times ranked

24051
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017, 390, 2627-2642.	13.7	5,010
2	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016, 387, 1513-1530.	13.7	2,842
3	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	13.7	1,667
4	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019, 569, 260-264.	27.8	469
5	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331.288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 624-637.	11.4	139
6	Repositioning of the global epicentre of non-optimal cholesterol. <i>Nature</i> , 2020, 582, 73-77.	27.8	138
7	Epidemiology of canine visceral leishmaniasis in the endemic area of Montes Claros Municipality, Minas Gerais State, Brazil. <i>Veterinary Parasitology</i> , 2003, 111, 161-173.	1.8	131
8	Risk factors for mucosal manifestation of American cutaneous leishmaniasis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2005, 99, 55-61.	1.8	84
9	Making an anti-amastigote vaccine for visceral leishmaniasis: rational, update and perspectives. <i>Current Opinion in Microbiology</i> , 2012, 15, 476-485.	5.1	75
10	Activity of the New Triazole Derivative Albaconazole against <i>Trypanosoma (Schizotrypanum) cruzi</i> in Dog Hosts. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4286-4292.	3.2	73
11	CYP2C19 and ABCB1 gene polymorphisms are differently distributed according to ethnicity in the Brazilian general population. <i>BMC Medical Genetics</i> , 2011, 12, 13.	2.1	73
12	Trends in cardiometabolic risk factors in the Americas between 1980 and 2014: a pooled analysis of population-based surveys. <i>The Lancet Global Health</i> , 2020, 8, e123-e133.	6.3	73
13	Immunotherapy, immunochemotherapy and chemotherapy for American cutaneous leishmaniasis treatment. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2006, 39, 14-21.	0.9	70
14	Immunogenicity in dogs of three recombinant antigens (TSA, LeIF and LmSTI1) potential vaccine candidates for canine visceral leishmaniasis. <i>Veterinary Research</i> , 2005, 36, 827-838.	3.0	67
15	Prevalência e fatores de risco associados à doença arterial periférica no projeto coraões do Brasil. <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 91, 370-82.	0.8	66
16	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i.	1.9	65
17	Cardiotoxicity reduction induced by halofantrine entrapped in nanocapsule devices. <i>Life Sciences</i> , 2007, 80, 1327-1334.	4.3	64
18	Field randomized trial to evaluate the efficacy of the Leish-Tec [®] vaccine against canine visceral leishmaniasis in an endemic area of Brazil. <i>Vaccine</i> , 2016, 34, 2233-2239.	3.8	64

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19	Impact of <i>Trypanosoma cruzi</i> clonal evolution on its biological properties in mice. <i>Experimental Parasitology</i> , 2002, 100, 161-172.	1.2	61
20	A comparative study of the TF-Test [®] , Kato-Katz, Hoffman-Pons-Janer, Willis and Baermann-Moraes coprologic methods for the detection of human parasitosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 80-84.	1.6	58
21	Visceral leishmaniasis in large Brazilian cities: challenges for control. <i>Cadernos De Saude Publica</i> , 2008, 24, 2953-2958.	1.0	46
22	SLCO1B1 rs4149056 polymorphism associated with statin-induced myopathy is differently distributed according to ethnicity in the Brazilian general population: Amerindians as a high risk ethnic group. <i>BMC Medical Genetics</i> , 2011, 12, 136.	2.1	46
23	Effects of specific treatment on parasitological and histopathological parameters in mice infected with different <i>Trypanosoma cruzi</i> clonal genotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 1045-1053.	3.0	42
24	Importance of <i>Lutzomyia longipalpis</i> in the dynamics of transmission of canine visceral leishmaniasis in the endemic area of Porteirinha Municipality, Minas Gerais, Brazil. <i>Veterinary Parasitology</i> , 2005, 131, 213-220.	1.8	42
25	<i>Trypanosoma cruzi</i> : Acute and long-term infection in the vertebrate host can modify the response to benznidazole. <i>Experimental Parasitology</i> , 2008, 118, 315-323.	1.2	42
26	<i>Trypanosoma cruzi</i> : Genetic diversity influences the profile of immunoglobulins during experimental infection. <i>Experimental Parasitology</i> , 2009, 121, 8-14.	1.2	42
27	Derivation and external validation of a simple prediction model for the diagnosis of type 2 Diabetes Mellitus in the Brazilian urban population. <i>European Journal of Epidemiology</i> , 2009, 24, 101-109.	5.7	41
28	Comparison of <i>Trypanosoma cruzi</i> infection in dogs inoculated with blood or metacyclic trypomastigotes of Berenice-62 and Berenice-78 strains via intraperitoneal and conjunctival routes. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2002, 35, 339-345.	0.9	36
29	Apolipoprotein E polymorphism in Brazilian dyslipidemic individuals: Ouro Preto study. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 49-56.	1.5	36
30	<i>Trypanosoma cruzi</i> : Induction of benznidazole resistance in vivo and its modulation by in vitro culturing and mice infection. <i>Experimental Parasitology</i> , 2008, 120, 385-390.	1.2	35
31	Leishmania identification by PCR of Giemsa-stained lesion imprint slides stored for up to 36 years. <i>Clinical Microbiology and Infection</i> , 2006, 12, 815-818.	6.0	34
32	American cutaneous leishmaniasis in Southeast Brazil: space-time clustering. <i>International Journal of Epidemiology</i> , 1999, 28, 982-989.	1.9	33
33	Cardiovascular risk factors in children and adolescents living in an urban area of Southeast of Brazil: Ouro Preto Study. <i>European Journal of Pediatrics</i> , 2009, 168, 1373-1382.	2.7	33
34	Comparison of polymerase chain reaction with other laboratory methods for the diagnosis of American cutaneous leishmaniasis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 54, 37-43.	1.8	32
35	Epidemiological aspects of vector, parasite, and domestic reservoir in areas of recent transmission and no reported human cases of visceral leishmaniasis in Brazil. <i>Acta Tropica</i> , 2015, 148, 128-136.	2.0	32
36	American Tegumentary Leishmaniasis: Effectiveness of an Immunohistochemical Protocol for the Detection of <i>Leishmania</i> in Skin. <i>PLoS ONE</i> , 2013, 8, e63343.	2.5	31

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37	Persistence of PCR-positive tissue in benznidazole-treated mice with negative blood parasitological and serological tests in dual infections with <i>Trypanosoma cruzi</i> stocks from different genotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1319-1327.	3.0	30
38	IGF2, LEPR, POMC, PPARC, and PPARC1 gene variants are associated with obesity-related risk phenotypes in Brazilian children and adolescents. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 595-602.	1.5	30
39	A serological, parasitological and clinical evaluation of untreated Chagas disease patients and those treated with benznidazole before and thirteen years after intervention. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 873-880.	1.6	29
40	Antibody responses induced by Leish-TecÂ®, an A2-based vaccine for visceral leishmaniasis, in a heterogeneous canine population. <i>Veterinary Parasitology</i> , 2014, 204, 169-176.	1.8	29
41	Use of the <i>Trypanosoma cruzi</i> Recombinant Complement Regulatory Protein To Evaluate Therapeutic Efficacy following Treatment of Chronic Chagasic Patients. <i>Journal of Clinical Microbiology</i> , 2004, 42, 707-712.	3.9	27
42	<i>Trypanosoma cruzi</i> : Impact of dual-clone infections on parasite biological properties in BALB/c mice. <i>Experimental Parasitology</i> , 2006, 112, 237-246.	1.2	27
43	CYP2C9 and VKORC1 Polymorphisms Are Differently Distributed in the Brazilian Population According to Self-Declared Ethnicity or Genetic Ancestry. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 957-963.	0.7	25
44	<i>Trypanosoma cruzi</i> Recombinant Complement Regulatory Protein: a Novel Antigen for Use in an Enzyme-Linked Immunosorbent Assay for Diagnosis of Chagas' Disease. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3735-3740.	3.9	24
45	Anthropometric measurements and obesity diagnosis in schoolchildren. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, e120-4.	1.5	24
46	Impact of Dual Infections on Chemotherapeutic Efficacy in BALB/c Mice Infected with Major Genotypes of <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3282-3289.	3.2	21
47	<i>Trypanosoma cruzi</i> : blood parasitism kinetics and their correlation with heart parasitism intensity during long-term infection of Beagle dogs. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 528-534.	1.6	21
48	Benznidazole alters the pattern of Cyclophosphamide-induced reactivation in experimental <i>Trypanosoma cruzi</i> -dependent lineage infection. <i>Acta Tropica</i> , 2010, 113, 134-138.	2.0	21
49	Ultra-processed and fresh food consumption and symptoms of anxiety and depression during the COVID-19 pandemic: COVID Inconfidentes. <i>Clinical Nutrition ESPEN</i> , 2022, 47, 206-214.	1.2	21
50	Differential impact of metacyclic and blood trypomastigotes on parasitological, serological and phenotypic features triggered during acute <i>Trypanosoma cruzi</i> infection in dogs. <i>Acta Tropica</i> , 2007, 101, 120-129.	2.0	20
51	Association between nutritional status, food habits and physical activity level in schoolchildren. <i>Jornal De Pediatria</i> , 2012, 88, 406-12.	2.0	20
52	An Integrated Approach Using Spatial Analysis to Study the Risk Factors for Leishmaniasis in Area of Recent Transmission. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	20
53	Inflammation Enhances the Risks of Stroke and Death in Chronic Chagas Disease Patients. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004669.	3.0	19
54	Validity of serology for American Trypanosomiasis with eluates from filter paper. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1995, 90, 59-64.	1.6	15

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55	Influence of the long-term <i>Trypanosoma cruzi</i> infection in vertebrate host on the genetic and biological diversity of the parasite. <i>Parasitology Research</i> , 2005, 96, 382-389.	1.6	14
56	Cluster randomised trial to evaluate the effectiveness of a vaccine against cutaneous leishmaniasis in the Caratinga microregion, south-east Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2013, 107, 212-219.	1.8	14
57	Ability of body mass index to predict abnormal waist circumference: receiving operating characteristics analysis. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 74.	2.7	13
58	Genetic composition of a Brazilian population: the footprint of the Gold Cycle. <i>Genetics and Molecular Research</i> , 2013, 12, 5124-5133.	0.2	13
59	Performance of Alereâ„¢ immunochromathographic test for the diagnosis of canine visceral leishmaniasis. <i>Veterinary Parasitology</i> , 2016, 225, 114-116.	1.8	13
60	Lipoprotein(a) as a risk factor associated with ischemic heart disease: Ouro Preto Study. <i>Atherosclerosis</i> , 2007, 191, 454-459.	0.8	12
61	Seroprevalence of Chagas disease in schoolchildren from two municipalities of Jequitinhonha Valley, Minas Gerais, Brazil; six years following the onset of epidemiological surveillance. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2006, 48, 81-86.	1.1	12
62	Vaccination of C57BL/10 mice against cutaneous leishmaniasis using killed promastigotes of different strains and species of <i>Leishmania</i> . <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2002, 35, 125-132.	0.9	11
63	<i>BDKRB2</i> Polymorphism Is Associated with Higher Risk for Diabetes Mellitus in the Brazilian General Population. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-4.	3.8	11
64	Time and dose-dependence evaluation of nitroheterocyclic drugs for improving efficacy following <i>Trypanosoma cruzi</i> infection: A pre-clinical study. <i>Biochemical Pharmacology</i> , 2018, 148, 213-221.	4.4	11
65	Humoral immune response in dogs experimentally infected with <i>Trypanosoma cruzi</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 1991, 86, 471-473.	1.6	11
66	The influence of copper, selenium and zinc on the response to the Montenegro skin test in subjects vaccinated against American cutaneous leishmaniasis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 64-69.	1.8	10
67	Lung function six months after severe COVID-19: Does time, in fact, heal all wounds?. <i>Brazilian Journal of Infectious Diseases</i> , 2022, 26, 102352.	0.6	10
68	Tempo de aleitamento materno entre indígenas Xakriabã aldeados em Minas Gerais, Sudeste do Brasil. <i>Revista De Nutricao</i> , 2015, 28, 241-252.	0.4	9
69	Fatores associados ao não uso de preservativo e prevalência de HIV, hepatites virais B e C e sífilis: estudo transversal em comunidades rurais de Ouro Preto, Minas Gerais, entre 2014 e 2016*. <i>Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2019, 28, e2018408.	1.0	9
70	Immuno-biochemical evaluations of phenol and thimerosal as antigen preservatives in Montenegro skin test. <i>Acta Tropica</i> , 2006, 98, 87-93.	2.0	8
71	Physical Activity Is Associated with Malignant and Benign Breast Diseases in Low-Income Brazilian Women. <i>Nutrition and Cancer</i> , 2014, 66, 707-715.	2.0	8
72	Food consumption according to the level of processing and sleep quality during the COVID-19 pandemic. <i>Clinical Nutrition ESPEN</i> , 2022, 49, 348-356.	1.2	8

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73	A comparative study of methods for diagnosis of obesity in an urban mixed-race population in Minas Gerais, Brazil. <i>Public Health Nutrition</i> , 2007, 10, 883-890.	2.2	7
74	Prevalence of schistosomiasis mansoni in indigenous Maxakali villages, Minas Gerais, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2018, 60, e26.	1.1	6
75	Evaluation of three recombinant proteins for the development of ELISA and immunochromatographic tests for visceral leishmaniasis serodiagnosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e180405.	1.6	6
76	Acquisition of Digital Images and Identification of Aedes Aegypti Mosquito Eggs using Classification and Deep Learning. , 2019, , .		6
77	Diagnostic accuracy of the Berlin questionnaire and the NoSAS score in detecting risk for obstructive sleep apnea in rotating shift workers. <i>Sleep and Breathing</i> , 2021, , 1.	1.7	6
78	Diagnosis of human toxoplasmosis by a dot enzyme-linked immunosorbent assay. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 1995, 37, 117-122.	1.1	5
79	Canine visceral leishmaniasis in the Krenak indigenous community, Resplendor, Minas Gerais State, Brazil, 2007. <i>Cadernos De Saude Publica</i> , 2011, 27, 603-607.	1.0	5
80	Morbidity of schistosomiasis mansoni in a low endemic setting in Ouro Preto, Minas Gerais, Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2017, 50, 805-811.	0.9	5
81	Hypovitaminosis D Is Associated With Visceral Adiposity, High Levels of Low-Density Lipoprotein and Triglycerides in Alternating Shift Workers. <i>Journal of Endocrinology and Metabolism</i> , 2016, 6, 80-89.	0.4	5
82	Lung function of patients hospitalized with COVID-19 at 45 days after hospital discharge: first report of a prospective multicenter study in Brazil. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20210162.	0.7	5
83	Comparison among three polymerase chain reaction assays on detection of DNA from Leishmania in biological samples from patients with american cutaneous leishmaniasis. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2012, 45, 257-259.	0.9	4
84	Retinol-binding protein 4 and insulin resistance are related to body fat in primary and secondary schoolchildren: the Ouro Preto study. <i>European Journal of Nutrition</i> , 2014, 53, 433-440.	3.9	4
85	Clustered Cardiovascular Risk Factors Are Associated with Inflammatory Markers in Adolescents. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 259-267.	1.9	4
86	High Performance of ELISA test using recombinant rLiNTPDase2 from Leishmania infantum: a Phase II diagnosis of Canine Visceral Leishmaniasis. <i>Acta Tropica</i> , 2020, 209, 105535.	2.0	4
87	Rotating shift workers with vitamin D deficiency have a higher risk of obstructive sleep apnea. <i>Sleep and Breathing</i> , 2023, 27, 727-735.	1.7	4
88	Effects of vitamin D supplementation on cardiovascular risk factors in shift workers. <i>Medicine (United States)</i> , 2019, 98, e15417.	1.0	3
89	High levels of chemerin associated with variants in the NOS3 and APOB genes in rural populations of Ouro Preto, Minas Gerais, Brazil. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9113.	1.5	3
90	Body fat indicators for cardiometabolic risk screening among shift workers. <i>Revista Brasileira De Medicina Do Trabalho</i> , 2020, 18, 125-132.	0.4	3

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91	Evaluation of the Chagas Disease Control Program in AÃ§ucena Municipality, Rio Doce Valley, State of Minas Gerais, Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2014, 47, 186-192.	0.9	2
92	Food habits and risk of cardiovascular disease in schoolchildren from Ouro Preto, Minas Gerais. <i>Revista De Nutricao</i> , 2015, 28, 133-142.	0.4	2
93	Ecology of phlebotomine sand flies in an area of leishmaniasis occurrence in the XakriabÃ; Indigenous Reserve, Minas Gerais, Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2019, 52, e20180474.	0.9	2
94	Ultrasound evaluation of schistosomiasis-related morbidity among the XakriabÃ; people in the state of Minas Gerais, Brazil. <i>Radiologia Brasileira</i> , 2020, 53, 7-13.	0.7	2
95	Qualidade de vida e excesso de peso em trabalhadores em turnos alternantes. <i>Revista Brasileira De SaÃde Ocupacional</i> , 0, 44, .	0.2	2
96	Association between nutritional status, C-reactive protein, adiponectin and HOMA-AD in Brazilian children. <i>Nutricion Hospitalaria</i> , 2014, 30, 66-74.	0.3	2
97	Self-declared ethnicity associated with risk factors of cardiovascular diseases in an urban sample of the Brazilian population: The role of educational status in the association. <i>International Journal of Cardiology</i> , 2013, 168, 2973-2975.	1.7	1
98	PrevalÃancia de parasitoses intestinais e estado nutricional, segundo sexo e idade, entre a populaÃÃo indÃgena CaxixÃ³, Minas Gerais, Brasil. <i>Revista Brasileira De Estudos De Populacao</i> , 2013, 30, 603-608.	0.3	1
99	Analysis of the chemerin and resistin adipokines in children and adolescents. <i>Revista Da AssociaÃÃo MÃ©dica Brasileira</i> , 2020, 66, 300-306.	0.7	1
100	Hypertension is associated with a variant in the gene in populations of Ouro Preto, Minas Gerais, Brazil: a cross-sectional study. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2021, 12, 40-51.	0.4	1
101	Cluster randomised trial to evaluate the effectiveness of a vaccine against cutaneous leishmaniasis in the Caratinga microregion, south-east Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2013, 107, 531-531.	1.8	0
102	Indicadores de adiposidade como mÃ©todo de rastreamento para polissonografia em trabalhadores de turno. <i>Revista Brasileira De SaÃde Ocupacional</i> , 0, 44, .	0.2	0
103	Genetic Ancestry Is Associated With Systolic Blood Pressure and Glucose in Brazilian Children and Adolescents. <i>Journal of Endocrinology and Metabolism</i> , 2016, 6, 167-171.	0.4	0
104	Lipoprotein(a) levels in children and adolescents: Ouro Preto Study. <i>International Journal of Cardiovascular Sciences</i> , 2020, , .	0.1	0