

Carlos Medicis Morel

List of Publications by Year in descending order

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82
papers

4,966
citations

94433

37
h-index

91884

69
g-index

147
all docs

147
docs citations

147
times ranked

4058
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro differentiation of <i>Trypanosoma cruzi</i> under chemically defined conditions. <i>Molecular and Biochemical Parasitology</i> , 1985, 16, 315-327.	1.1	384
2	The Global Virome Project. <i>Science</i> , 2018, 359, 872-874.	12.6	324
3	Strains and clones of <i>Trypanosoma cruzi</i> can be characterized by pattern of restriction endonuclease products of kinetoplast DNA minicircles.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 6810-6814.	7.1	289
4	Sensitive detection and schizodeme classification of <i>Trypanosoma cruzi</i> cells by amplification of kinetoplast minicircle DNA sequences: use in diagnosis of Chagas' disease. <i>Molecular and Biochemical Parasitology</i> , 1989, 33, 205-214.	1.1	274
5	Use of a Simplified Polymerase Chain Reaction Procedure to Detect <i>Trypanosoma cruzi</i> in Blood Samples from Chronic Chagasic Patients in a Rural Endemic Area. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994, 51, 771-777.	1.4	248
6	Messenger RNA in HeLa Cells: An Investigation of Free and Polyribosome-Bound Cytoplasmic Messenger Ribonucleoprotein Particles by Kinetic Labelling and Electron Microscopy. <i>FEBS Journal</i> , 1970, 17, 296-318.	0.2	175
7	Health Innovation Networks to Help Developing Countries Address Neglected Diseases. <i>Science</i> , 2005, 309, 401-404.	12.6	168
8	Combating Tropical Infectious Diseases: Report of the Disease Control Priorities in Developing Countries Project. <i>Clinical Infectious Diseases</i> , 2004, 38, 871-878.	5.8	153
9	Detection of <i>Trypanosoma cruzi</i> in blood specimens of chronic chagasic patients by polymerase chain reaction amplification of kinetoplast minicircle DNA: comparison with serology and xenodiagnosis. <i>Journal of Clinical Microbiology</i> , 1993, 31, 2421-2426.	3.9	145
10	A simple protocol for the physical cleavage of <i>Trypanosoma cruzi</i> kinetoplast DNA present in blood samples and its use in polymerase chain reaction (PCR)-based diagnosis of chronic Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1993, 88, 171-172.	1.6	124
11	Co-authorship Network Analysis: A Powerful Tool for Strategic Planning of Research, Development and Capacity Building Programs on Neglected Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e501.	3.0	122
12	Peculiar sequence organization of kinetoplast DNA minicircles from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1988, 27, 63-70.	1.1	117
13	Proteins associated with globin messenger RNA in avian erythroblasts: Isolation and comparison with the proteins bound to nuclear messenger-like RNA. <i>FEBS Letters</i> , 1971, 18, 84-88.	2.8	113
14	Isolation and Characterization of Ribosome-Free Cytoplasmic Messenger-Ribonucleoprotein Complexes from Avian Erythroblasts. <i>FEBS Journal</i> , 1973, 38, 443-452.	0.2	105
15	Evolution of parasitism: kinetoplastid protozoan history reconstructed from mitochondrial rRNA gene sequences.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 4779-4783.	7.1	105
16	The Human Hookworm Vaccine. <i>Vaccine</i> , 2013, 31, B227-B232.	3.8	105
17	Strategic emphases for tropical diseases research: a TDR perspective. <i>Trends in Parasitology</i> , 2002, 18, 421-426.	3.3	96
18	Stage specific gene expression precedes morphological changes during <i>Trypanosoma cruzi</i> metacyclogenesis. <i>Molecular and Biochemical Parasitology</i> , 1985, 14, 83-96.	1.1	95

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19	The Duck-Globin Messenger-Ribonucleoprotein Complex. Resistance to High Ionic Strength, Particle Gel Electrophoresis, Composition and Visualisation by Dark-Field Electron Microscopy. FEBS Journal, 1973, 36, 455-464.	0.2	90
20	Schizodeme analysis of Trypanosoma cruzi stocks from South and Central America by analysis of PCR-amplified minicircle variable region sequences. Molecular and Biochemical Parasitology, 1990, 42, 175-187.	1.1	85
21	Trypanosoma cruzi genome project: biological characteristics and molecular typing of clone CL Brener. Acta Tropica, 1997, 68, 159-173.	2.0	78
22	High correlation between Chagas' disease serology and PCR-based detection of Trypanosoma cruzi kinetoplast DNA in Bolivian children living in an endemic area. FEMS Microbiology Letters, 1994, 124, 419-423.	1.8	76
23	The onchocerciasis chronicle: from the beginning to the end?. Trends in Parasitology, 2012, 28, 280-288.	3.3	74
24	Nuclear and Cytoplasmic Messenger-like RNA and Their Relation to the Active Messenger RNA in Polyribosomes of HeLa Cells. Cold Spring Harbor Symposia on Quantitative Biology, 1970, 35, 539-554.	1.1	67
25	Trypanosoma cruzi: Inoculation Schedules and Re-isolation Methods Select Individual Strains from Doubly Infected Mice, as Demonstrated by Schizodeme and Zymodeme Analyses ¹ . Journal of Protozoology, 1984, 31, 276-280.	0.8	65
26	Trypanosoma cruzi: Parasite Detection and Strain Discrimination in Chronic Chagasic Patients from Northeastern Brazil Using PCR Amplification of Kinetoplast DNA and Nonradioactive Hybridization. Experimental Parasitology, 1995, 81, 462-471.	1.2	63
27	Focus: Chagas disease. Nature Reviews Microbiology, 2003, 1, 14-14.	28.6	63
28	The Secondary Structure and Poly(A) Content of Globin Messenger RNA as a Pure RNA and in Polyribosome-Derived Ribonucleoprotein Complexes. FEBS Journal, 1975, 57, 147-157.	0.2	58
29	Schizodeme and Zymodeme Characterization of Leishmania in the Investigation of Foci of Visceral and Cutaneous Leishmaniasis. Journal of Parasitology, 1984, 70, 89.	0.7	57
30	PALEOPARASITOLOGY: PERSPECTIVES WITH NEW TECHNIQUES. Revista Do Instituto De Medicina Tropical De Sao Paulo, 1998, 40, 371-376.	1.1	53
31	Neglected diseases: underfunded research and inadequate health interventions. EMBO Reports, 2003, 4, S35-8.	4.5	48
32	Differential Translation of Duck and Rabbit Globin Messenger RNAs in Reticulocyte Lysate Systems. FEBS Journal, 1973, 34, 205-212.	0.2	47
33	Biochemical strain characterization of Trypanosoma cruzi by restriction endonuclease cleavage of kinetoplast-DNA. FEBS Letters, 1977, 74, 264-268.	2.8	43
34	Changes in the isoenzyme and kinetoplast DNA patterns of Trypanosoma cruzi strains induced by maintenance in mice. Acta Tropica, 1990, 47, 35-45.	2.0	43
35	Chagas disease, from discovery to control - and beyond: history, myths and lessons to take home. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 03-16.	1.6	43
36	Building a global atlas of zoonotic viruses. Bulletin of the World Health Organization, 2018, 96, 292-294.	3.3	42

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37	Characterization of Pathogenic Trypanosomatidae by Restriction Endonuclease Fingerprinting of Kinetoplast DNA Minicircles. <i>American Journal of Tropical Medicine and Hygiene</i> , 1980, 29, 1070-1074.	1.4	42
38	Structure of Globin mRNA and mRNA-Protein Particles. Use of Dark-Field Electron Microscopy. <i>FEBS Journal</i> , 1973, 36, 465-472.	0.2	39
39	Electrophoretic Analysis of Endonuclease-Generated Fragments of k-DNA, of Esterase Isoenzymes, and of Surface Proteins as Aids for Species Identification of Insect Trypanosomatids1. <i>Journal of Protozoology</i> , 1982, 29, 251-258.	0.8	38
40	Strategic emphases for tropical diseases research: a TDR perspective. <i>Trends in Microbiology</i> , 2002, 10, 435-440.	7.7	38
41	Emergence of the East-Central-South-African genotype of Chikungunya virus in Brazil and the city of Rio de Janeiro may have occurred years before surveillance detection. <i>Scientific Reports</i> , 2019, 9, 2760.	3.3	38
42	Characterization of messenger RNA from epimastigotes and metacyclic trypomastigotes of <i>Trypanosoma cruzi</i> . <i>FEBS Letters</i> , 1985, 180, 265-270.	2.8	31
43	Enabling Policy Planning and Innovation Management through Patent Information and Co-Authorship Network Analyses: A Study of Tuberculosis in Brazil. <i>PLoS ONE</i> , 2012, 7, e45569.	2.5	31
44	The road to recovery. <i>Nature</i> , 2007, 449, 180-182.	27.8	29
45	The Mosquito Genome—a Breakthrough for Public Health. <i>Science</i> , 2002, 298, 79-79.	12.6	25
46	A pesquisa em saúde e os objetivos do milênio: desafios e oportunidades globais, soluções e políticas nacionais. <i>Ciencia E Saude Coletiva</i> , 2004, 9, 261-270.	0.5	25
47	The <i>Anopheles gambiae</i> genome: next steps for malaria vector control. <i>Trends in Parasitology</i> , 2004, 20, 142-149.	3.3	25
48	Characterization of two isolates of <i>Trypanosoma cruzi</i> obtained from the patient Berenice, the first human case of Chagas' disease described by Carlos Chagas in 1909. <i>Parasitology Research</i> , 1996, 82, 257-260.	1.6	22
49	Duck-Haemoglobin Synthesis in Frog Cells. <i>FEBS Journal</i> , 1973, 34, 219-227.	0.2	21
50	An improved silver staining procedure for schizodeme analysis in polyacrylamide gradient gels. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1990, 85, 101-106.	1.6	19
51	Genetic Evidence and Host Immune Response in Persons Reinfected with SARS-CoV-2, Brazil. <i>Emerging Infectious Diseases</i> , 2021, 27, 1446-1453.	4.3	19
52	Detection of <i>Trypanosoma cruzi</i> and <i>Leishmania</i> using the polymerase chain reaction. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1994, 89, 367-368.	1.6	19
53	EDTA- and puromycin-derived duck- and rabbit globin-messenger ribonucleoprotein complexes isolated by oligo(dT)-cellulose chromatography. <i>Molecular Biology Reports</i> , 1975, 2, 343-349.	2.3	18
54	Onchocerciasis and Chagas' disease control: the evolution of control via applied research through changing development scenarios. <i>British Medical Bulletin</i> , 1998, 54, 327-339.	6.9	17

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55	Revisiting the concept of Innovative Developing Countries (IDCs) for its relevance to health innovation and neglected tropical diseases and for the prevention and control of epidemics. PLoS Neglected Tropical Diseases, 2018, 12, e0006469.	3.0	17
56	Brazilian Response to Global End TB Strategy : The National Tuberculosis Research Agenda. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 135-145.	0.9	17
57	Facts and hypothesis on Trypanosoma cruzi differentiation. Memorias Do Instituto Oswaldo Cruz, 1984, 79, 39-44.	1.6	15
58	The COVID-19 pandemics and the relevance of biosafety facilities for metagenomics surveillance, structured disease prevention and control. Biosafety and Health, 2021, 3, 1-3.	2.7	13
59	Ivermectin efficacy against Biomphalaria, intermediate host snail vectors of Schistosomiasis. Journal of Antibiotics, 2017, 70, 680-684.	2.0	12
60	Inhibition of growth of Leishmania mexicana mexicana by Leishmania mexicana amazonensis during "in vitro" co-cultivation. Memorias Do Instituto Oswaldo Cruz, 1987, 82, 537-542.	1.6	10
61	Parasite Genome Projects and the Trypanosoma cruzi Genome Initiative. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 859-862.	1.6	10
62	Rapid Detection of Anti-SARS-CoV-2 Antibodies with a Screen-Printed Electrode Modified with a Spike Glycoprotein Epitope. Biosensors, 2022, 12, 272.	4.7	9
63	A strain of Trypanosoma cruzi, and its biochemical characterization after passage through different invertebrate hosts. Annals of Tropical Medicine and Parasitology, 1986, 80, 361-363.	1.6	8
64	Characterization of tubulin genes in Trypanosoma rangeli. Molecular and Biochemical Parasitology, 1989, 34, 253-259.	1.1	8
65	Multiepitope Proteins for the Differential Detection of IgG Antibodies against RBD of the Spike Protein and Non-RBD Regions of SARS-CoV-2. Vaccines, 2021, 9, 986.	4.4	8
66	AnSau3AI restriction endonuclease isoschizomer from Bacillus cereus. FEBS Letters, 1984, 173, 99-102.	2.8	7
67	Focus: Leprosy. Nature Reviews Microbiology, 2003, 1, 94-95.	28.6	7
68	Investing in Health Innovation: A Cornerstone to Achieving Global Health Convergence. PLoS Biology, 2016, 14, e1002389.	5.6	7
69	The Brazilian Dilemma: Increased Scientific Production and High Publication Costs during a Global Health Crisis and Major Economic Downturn. MBio, 2016, 7, .	4.1	7
70	Schizodeme analysis with the restriction endonuclease RSA I differentiates between Trypanosoma rangeli and Trypanosoma cruzi. Memorias Do Instituto Oswaldo Cruz, 1991, 86, 477-478.	1.6	7
71	Why do we still have not a vaccine against Chagas disease?. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e200314.	1.6	7
72	Proposta conceitual de telessaãde no modelo da pesquisa translacional. Revista De Saude Publica, 2014, 48, 347-356.	1.7	6

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73	Significance of a neglected tropical disease: lessons from a paradigmatic case of "success in translation"™. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 117, e200277.	1.6	5
74	Development, health, and international policy: the research and innovation dimension. <i>Cadernos De Saude Publica</i> , 2016, 32, e00046815.	1.0	4
75	New Insights into Hemopexin-Binding to Hemin and Hemoglobin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3789.	4.1	4
76	Different sensitivities of avian- and mammalian-haemoglobin synthesis to elevated temperatures. <i>Molecular Biology Reports</i> , 1975, 2, 41-47.	2.3	3
77	Geraçãõ de conhecimento, intervenções e ações de saõde. <i>Sao Paulo Em Perspectiva</i> , 2002, 16, 57-63.	0.1	2
78	Chagas disease. <i>Cell Cycle</i> , 2011, 10, 1892-1892.	2.6	2
79	Recent Advances in Synthetic Chemistry of Diabetic Research. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 1159-1163.	2.4	2
80	Foreword. <i>Acta Tropica</i> , 2001, 79, 1-2.	2.0	1
81	Debate on the paper by Guimarães. <i>Cadernos De Saude Publica</i> , 2014, 30, 1598-1598.	1.0	0
82	Drug Discovery for Paediatric Chagas Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 776-780.	2.4	0