

GlÃ³ria Regina Franco

List of Publications by Year in descending order

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99
papers

2,610
citations

186265

28
h-index

223800

46
g-index

104
all docs

104
docs citations

104
times ranked

3459
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of knowledge on genes associated with human diseases. <i>IScience</i> , 2022, 25, 103610.	4.1	2
2	Transcriptional landscape of PTEN loss in primary prostate cancer. <i>BMC Cancer</i> , 2021, 21, 856.	2.6	16
3	Trypanosoma cruzi RNA-binding protein ALBA30 aggregates into cytoplasmic foci under nutritional stress. <i>Parasitology Research</i> , 2020, 119, 749-753.	1.6	3
4	Differential Modulation of Mouse Heart Gene Expression by Infection With Two Trypanosoma cruzi Strains: A Transcriptome Analysis. <i>Frontiers in Genetics</i> , 2020, 11, 1031.	2.3	7
5	Noncoding SNPs associated with increased GDF15 levels located in a metformin-activated enhancer region upstream of <i>GDF15</i> . <i>Pharmacogenomics</i> , 2020, 21, 509-520.	1.3	6
6	Drug repositioning for psychiatric and neurological disorders through a network medicine approach. <i>Translational Psychiatry</i> , 2020, 10, 141.	4.8	24
7	The Influence of Recombinational Processes to Induce Dormancy in Trypanosoma cruzi. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 5.	3.9	23
8	Recounting the FANTOM CAGE-Associated Transcriptome. <i>Genome Research</i> , 2020, 30, 1073-1081.	5.5	35
9	Whole-genome sequencing of the endemic Antarctic fungus <i>Antarctomyces pellizariae</i> reveals an ice-binding protein, a scarce set of secondary metabolites gene clusters and provides insights on Thelebolales phylogeny. <i>Genomics</i> , 2020, 112, 2915-2921.	2.9	19
10	Landscape of the spliced leader trans-splicing mechanism in <i>Schistosoma mansoni</i> . <i>Scientific Reports</i> , 2018, 8, 3877.	3.3	20
11	The polymorphism rs17782313 near MC4R gene is related with anthropometric changes in women submitted to bariatric surgery over 60 months. <i>Clinical Nutrition</i> , 2018, 37, 1286-1292.	5.0	19
12	The in vivo and in vitro roles of Trypanosoma cruzi Rad51 in the repair of DNA double strand breaks and oxidative lesions. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006875.	3.0	14
13	The recombinase Rad51 plays a key role in events of genetic exchange in Trypanosoma cruzi. <i>Scientific Reports</i> , 2018, 8, 13335.	3.3	23
14	Assessment of genetic mutation frequency induced by oxidative stress in Trypanosoma cruzi. <i>Genetics and Molecular Biology</i> , 2018, 41, 466-474.	1.3	18
15	Adar3 Is Involved in Learning and Memory in Mice. <i>Frontiers in Neuroscience</i> , 2018, 12, 243.	2.8	54
16	The long non-coding RNA NEAT1 is responsive to neuronal activity and is associated with hyperexcitability states. <i>Scientific Reports</i> , 2017, 7, 40127.	3.3	92
17	Effect of ionizing radiation exposure on Trypanosoma cruzi ubiquitin-proteasome system. <i>Molecular and Biochemical Parasitology</i> , 2017, 212, 55-67.	1.1	9
18	Early polymerase chain reaction detection of Chagas disease reactivation in heart transplant patients. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 797-805.	0.6	25

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19	Draft Genome Sequence of <i>Metschnikowia australis</i> Strain UFMG-CM-Y6158, an Extremophile Marine Yeast Endemic to Antarctica. <i>Genome Announcements</i> , 2017, 5, .	0.8	7
20	Draft genome sequence of <i>Sugiyamaella xylanicola</i> UFMG-CM-Y1884 T, a xylan-degrading yeast species isolated from rotting wood samples in Brazil. <i>Genomics Data</i> , 2017, 11, 120-121.	1.3	1
21	Characterization of <i>Trypanosoma cruzi</i> MutY DNA glycosylase ortholog and its role in oxidative stress response. <i>Infection, Genetics and Evolution</i> , 2017, 55, 332-342.	2.3	6
22	Catalase expression impairs oxidative stress-mediated signalling in <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 2017, 144, 1498-1510.	1.5	18
23	<i>Spathaspora boniae</i> sp. nov., a D-xylose-fermenting species in the <i>Candida albicans</i> /Lodderomyces clade. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3798-3805.	1.7	20
24	Computer aided identification of a Hevein-like antimicrobial peptide of bell pepper leaves for biotechnological use. <i>BMC Genomics</i> , 2016, 17, 999.	2.8	9
25	Adenine Glycosylase MutY of <i>Corynebacterium pseudotuberculosis</i> presents the antimutator phenotype and evidences of glycosylase/AP lyase activity in vitro. <i>Infection, Genetics and Evolution</i> , 2016, 44, 318-329.	2.3	6
26	Structural and evolutionary insights into endogenous alpha-phospholipase A 2 inhibitors of Latin American pit vipers. <i>Toxicon</i> , 2016, 112, 35-44.	1.6	11
27	Homology-Independent Metrics for Comparative Genomics. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 352-357.	4.1	12
28	A single FTO gene variant rs9939609 is associated with body weight evolution in a multiethnic extremely obese population that underwent bariatric surgery. <i>Nutrition</i> , 2015, 31, 1344-1350.	2.4	33
29	Proteomic Analysis of <i>Trypanosoma cruzi</i> Response to Ionizing Radiation Stress. <i>PLoS ONE</i> , 2014, 9, e97526.	2.5	13
30	Evaluation of the <i>Schistosoma mansoni</i> Y-box-binding protein (SMYB1) potential as a vaccine candidate against schistosomiasis. <i>Frontiers in Genetics</i> , 2014, 5, 174.	2.3	6
31	Draft Genome Sequence of the -Xylose-Fermenting Yeast <i>Spathaspora arborariae</i> UFMG-HM19.1A. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
32	Unveiling Benzimidazole's mechanism of action through overexpression of DNA repair proteins in <i>Trypanosoma cruzi</i> . <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 309-321.	2.2	70
33	A Basic Protein Comparative Three-Dimensional Modeling Methodological Workflow Theory and Practice. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2014, 11, 1052-1065.	3.0	5
34	Evidence of substantial recombination among <i>Trypanosoma cruzi</i> II strains from Minas Gerais. <i>Infection, Genetics and Evolution</i> , 2014, 22, 183-191.	2.3	30
35	LSSP-PCR of <i>Trypanosoma cruzi</i> : how the single primer sequence affects the kDNA signature. <i>BMC Research Notes</i> , 2013, 6, 174.	1.4	2
36	Modeling the zing finger protein SmZF1 from <i>Schistosoma mansoni</i> : Insights into DNA binding and gene regulation. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 39, 29-38.	2.4	4

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37	Oxidative Stress and DNA Lesions: The Role of 8-Oxoguanine Lesions in Trypanosoma cruzi Cell Viability. PLoS Neglected Tropical Diseases, 2013, 7, e2279.	3.0	71
38	Gene identification and comparative molecular modeling of a Trypanosoma rangeli major surface protease. Journal of Molecular Modeling, 2013, 19, 3053-3064.	1.8	3
39	Identification of a new <i>Schistosoma mansoni</i> SMYB1 partner: putative roles in RNA metabolism. Parasitology, 2013, 140, 1085-1095.	1.5	2
40	A directed approach for the identification of transcripts harbouring the spliced leader sequence and the effect of trans-splicing knockdown in Schistosoma mansoni. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 707-717.	1.6	10
41	The spliced leader trans-splicing mechanism in different organisms: molecular details and possible biological roles. Frontiers in Genetics, 2013, 4, 199.	2.3	29
42	Unequivocal Identification of Subpopulations in Putative Multiclonal Trypanosoma cruzi Strains by FACs Single Cell Sorting and Genotyping. PLoS Neglected Tropical Diseases, 2012, 6, e1722.	3.0	18
43	KOMODO: a web tool for detecting and visualizing biased distribution of groups of homologous genes in monophyletic taxa. Nucleic Acids Research, 2012, 40, W491-W497.	14.5	2
44	DNA polymerase beta from Trypanosoma cruzi is involved in kinetoplast DNA replication and repair of oxidative lesions. Molecular and Biochemical Parasitology, 2012, 183, 122-131.	1.1	29
45	Trypanosoma cruzi Gene Expression in Response to Gamma Radiation. PLoS ONE, 2012, 7, e29596.	2.5	13
46	Functional Characterization of 8-Oxoguanine DNA Glycosylase of Trypanosoma cruzi. PLoS ONE, 2012, 7, e42484.	2.5	34
47	Evidence for Reductive Genome Evolution and Lateral Acquisition of Virulence Functions in Two Corynebacterium pseudotuberculosis Strains. PLoS ONE, 2011, 6, e18551.	2.5	75
48	PRODIS: a proteomics data management system with support to experiment tracking. BMC Genomics, 2011, 12, S15.	2.8	1
49	Identification of lactic acid bacteria associated with traditional cachaça fermentations. Brazilian Journal of Microbiology, 2010, 41, 486-492.	2.0	21
50	Coinfection with Different Trypanosoma cruzi Strains Interferes with the Host Immune Response to Infection. PLoS Neglected Tropical Diseases, 2010, 4, e846.	3.0	50
51	Molecular Characterization of the Schistosoma mansoni Zinc Finger Protein SmZF1 as a Transcription Factor. PLoS Neglected Tropical Diseases, 2009, 3, e547.	3.0	10
52	Phenotypic Screen of Early-Developing Larvae of the Blood Fluke, Schistosoma mansoni, using RNA Interference. PLoS Neglected Tropical Diseases, 2009, 3, e502.	3.0	75
53	Role of the Endogenous Antioxidant System in the Protection of Schistosoma mansoni Primary Sporocysts against Exogenous Oxidative Stress. PLoS Neglected Tropical Diseases, 2009, 3, e550.	3.0	62
54	Cloning and characterization of DNA polymerase β from Trypanosoma cruzi: Roles for translesion bypass of oxidative damage. Environmental and Molecular Mutagenesis, 2009, 50, 375-386.	2.2	23

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55	DNA polymerase kappa from <i>Trypanosoma cruzi</i> localizes to the mitochondria, bypasses 8-oxoguanine lesions and performs DNA synthesis in a recombination intermediate. <i>Molecular Microbiology</i> , 2009, 71, 185-197.	2.5	38
56	The MHC Gene Region of Murine Hosts Influences the Differential Tissue Tropism of Infecting <i>Trypanosoma cruzi</i> Strains. <i>PLoS ONE</i> , 2009, 4, e5113.	2.5	28
57	Virus-Host Coevolution: Common Patterns of Nucleotide Motif Usage in Flaviviridae and Their Hosts. <i>PLoS ONE</i> , 2009, 4, e6282.	2.5	156
58	Isolation and characterization of HC1: a novel human DNA repair gene. <i>Genetics and Molecular Research</i> , 2009, 8, 247-260.	0.2	1
59	<i>Schistosoma mansoni</i> : Microarray analysis of gene expression induced by host sex. <i>Experimental Parasitology</i> , 2008, 120, 357-363.	1.2	11
60	Genetic profiling of <i>Trypanosoma cruzi</i> directly in infected tissues using nested PCR of polymorphic microsatellites. <i>International Journal for Parasitology</i> , 2008, 38, 839-850.	3.1	51
61	Biochemical studies with DNA polymerase \hat{I}^2 and DNA polymerase \hat{I}^2 -PAK of <i>Trypanosoma cruzi</i> suggest the involvement of these proteins in mitochondrial DNA maintenance. <i>DNA Repair</i> , 2008, 7, 1882-1892.	2.8	28
62	The Brazilian contribution to the study of the <i>Schistosoma mansoni</i> transcriptome. <i>Acta Tropica</i> , 2008, 108, 179-182.	2.0	11
63	Prospection, structural analysis and phylogenetic relationships of endogenous \hat{I}^3 -phospholipase A2 inhibitors in Brazilian Bothrops snakes (Viperidae, Crotalinae). <i>Toxicon</i> , 2008, 52, 122-129.	1.6	24
64	Mismatch repair in <i>Trypanosoma brucei</i> : Heterologous expression of MSH2 from <i>Trypanosoma cruzi</i> provides new insights into the response to oxidative damage. <i>Gene</i> , 2008, 411, 19-26.	2.2	16
65	Microarray analysis of gene expression induced by sexual contact in <i>Schistosoma mansoni</i> . <i>BMC Genomics</i> , 2007, 8, 181.	2.8	37
66	<i>Schistosoma mansoni</i> : The IMP4 gene is involved in DNA repair/tolerance after treatment with alkylating agent methyl methane sulfonate. <i>Experimental Parasitology</i> , 2007, 116, 25-34.	1.2	5
67	<i>Schistosoma mansoni</i> : Heterologous complementation of a yeast null mutant by SmRbx, a protein similar to a RING box protein involved in ubiquitination. <i>Experimental Parasitology</i> , 2007, 116, 440-449.	1.2	8
68	Production of full-length cDNA sequences by sequencing and analysis of expressed sequence tags from <i>Schistosoma mansoni</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 161-165.	1.6	5
69	Yeast populations associated with the artisanal cheese produced in the region of Serra da Canastra, Brazil. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 1115-1119.	3.6	61
70	Characterization of the <i>Trypanosoma cruzi</i> Rad51 gene and its role in recombination events associated with the parasite resistance to ionizing radiation. <i>Molecular and Biochemical Parasitology</i> , 2006, 149, 191-200.	1.1	42
71	Functional complementation of a yeast knockout strain by <i>Schistosoma mansoni</i> Rho1 GTPase in the presence of caffeine, an agent that affects mutants defective in the protein kinase C signal transduction pathway. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 323-326.	1.6	4
72	Swine and Poultry Pathogens: the Complete Genome Sequences of Two Strains of <i>Mycoplasma hyopneumoniae</i> and a Strain of <i>Mycoplasma synoviae</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5568-5577.	2.2	289

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73	Structures for the Potential Drug Target Purine Nucleoside Phosphorylase from <i>Schistosoma mansoni</i> Causal Agent of Schistosomiasis. <i>Journal of Molecular Biology</i> , 2005, 353, 584-599.	4.2	32
74	Cloning of a protein arginine methyltransferase PRMT1 homologue from <i>Schistosoma mansoni</i> : Evidence for roles in nuclear receptor signaling and RNA metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 1163-1172.	2.1	13
75	Functional properties of <i>Schistosoma mansoni</i> single-stranded DNA-binding protein SmPUR-1. <i>Molecular and Biochemical Parasitology</i> , 2004, 135, 21-30.	1.1	7
76	Nucleic acid binding properties of SmZF1, a zinc finger protein of <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2004, 34, 1211-1219.	3.1	4
77	<i>Biomphalaria tenagophila</i> / <i>Schistosoma mansoni</i> interaction: premises for a new approach to biological control of schistosomiasis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2004, 99, 109-111.	1.6	30
78	Cloning, expression and preliminary crystallographic studies of the potential drug target purine nucleoside phosphorylase from <i>Schistosoma mansoni</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1096-1099.	2.5	25
79	Cloning and Molecular Characterization of the <i>Schistosoma mansoni</i> Genes RbAp48 and Histone H4. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 76-84.	1.6	1
80	Y-box binding protein from <i>Schistosoma mansoni</i> : interaction with DNA and RNA. <i>Molecular and Biochemical Parasitology</i> , 2002, 125, 47-57.	1.1	14
81	Characterization and comparative functional analysis in yeast of a <i>Schistosoma mansoni</i> Rho1 GTPase gene. <i>Molecular and Biochemical Parasitology</i> , 2002, 125, 103-112.	1.1	14
82	Clustering of <i>Schistosoma mansoni</i> mRNA sequences and analysis of the most transcribed genes: implications in metabolism and biology of different developmental stages. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 61-69.	1.6	17
83	Cloning and characterization of SmZF1, a gene encoding a <i>Schistosoma mansoni</i> zinc finger protein. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2001, 96, 123-130.	1.6	6
84	Genetic diversity of <i>Saccharomyces cerevisiae</i> strains during the 24 h fermentative cycle for the production of the artisanal Brazilian cachaca. <i>Letters in Applied Microbiology</i> , 2001, 33, 106-111.	2.2	49
85	The <i>Schistosoma</i> gene discovery program: state of the art. <i>International Journal for Parasitology</i> , 2000, 30, 453-463.	3.1	60
86	Biological Activities of a Human Amniotic Membrane Interferon. <i>Placenta</i> , 1999, 20, 189-196.	1.5	16
87	Analysis of the gene expression profile of <i>Schistosoma mansoni</i> cercariae using the expressed sequence tag approach. <i>Molecular and Biochemical Parasitology</i> , 1999, 103, 79-97.	1.1	44
88	Characterization of a <i>Schistosoma mansoni</i> homologue of the gene encoding the breast basic conserved protein 1/L13 ribosomal protein. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 120, 701-708.	1.6	5
89	Identification of Genes Encoding <i>Schistosoma mansoni</i> Antigens Using an Antigenic Sequence Tag Strategy. <i>Journal of Parasitology</i> , 1998, 84, 1307.	0.7	3
90	The tegument of <i>Schistosoma mansoni</i> : genes, antigens and the host-parasite relationship. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1998, 93, 85-86.	1.6	7

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91	Lactate dehydrogenase: sequence and analysis of its expression during the life cycle of <i>Schistosoma mansoni</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 1998, 93, 205-206.	1.6	10
92	Characterization of an abundant <i>Schistosoma mansoni</i> transcript with no homologs in the databases. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1998, 93, 211-213.	1.6	3
93	Evaluation of cDNA Libraries from Different Developmental Stages of <i>Schistosoma mansoni</i> for Production of Expressed Sequence Tags (ESTs). <i>DNA Research</i> , 1997, 4, 231-240.	3.4	47
94	Characterization of a <i>Schistosoma mansoni</i> gene encoding a homologue of the Y-box binding protein. <i>Gene</i> , 1997, 198, 5-16.	2.2	22
95	Evidentiation of Paramyosin (Sm-97) as a Modulating Antigen on Granulomatous Hypersensitivity to <i>Schistosoma mansoni</i> Eggs. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 663-667.	1.6	11
96	Update of the Gene Discovery Program in <i>Schistosoma mansoni</i> with the Expressed Sequence Tag Approach. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 625-629.	1.6	6
97	Yeast artificial chromosome (YAC) -based genome mapping of <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 69, 41-51.	1.1	39
98	Sequencing and identification of expressed <i>Schistosoma mansoni</i> genes by random selection of cDNA clones from a directional library. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1995, 90, 215-216.	1.6	5
99	Identification of new <i>Schistosoma mansoni</i> genes by the EST strategy using a directional cDNA library. <i>Gene</i> , 1995, 152, 141-147.	2.2	98