Marcelo Ribeiro-Alves

List of Publications by Year
in descending order

99 papers	2,181 citations	236612 25 h-index	276539 41 g-index
107 all docs	107 docs citations	107 times ranked	3693 citing authors

#	Article	IF	Citations
1	Reference Genes for Accurate Transcript Normalization in Citrus Genotypes under Different Experimental Conditions. PLoS ONE, 2012, 7, e31263.	1.1	274
2	Statins Increase Rifampin Mycobactericidal Effect. Antimicrobial Agents and Chemotherapy, 2014, 58, 5766-5774.	1.4	85
3	CandidatusLiberibacter americanus induces significant reprogramming of the transcriptome of the susceptible citrus genotype. BMC Genomics, 2013, 14, 247.	1.2	82
4	The embryonic development of Schistosoma mansoni eggs: proposal for a new staging system. Development Genes and Evolution, 2009, 219, 219-234.	0.4	78
5	Citrus leprosis virus C Infection Results in Hypersensitive-Like Response, Suppression of the JA/ET Plant Defense Pathway and Promotion of the Colonization of Its Mite Vector. Frontiers in Plant Science, 2016, 7, 1757.	1.7	67
6	IFNG +874 T>A single nucleotide polymorphism is associated with leprosy among Brazilians. Human Genetics, 2010, 128, 481-490.	1.8	63
7	Evaluation of qPCR-Based Assays for Leprosy Diagnosis Directly in Clinical Specimens. PLoS Neglected Tropical Diseases, 2011, 5, e1354.	1.3	63
8	Effects of Resveratrol Supplementation in Nrf2 and NF-κB Expressions in Nondialyzed Chronic Kidney Disease Patients: A Randomized, Double-Blind, Placebo-Controlled, Crossover Clinical Trial. , 2016, 26, 401-406.		59
9	Parasite Load Induces Progressive Spleen Architecture Breakage and Impairs Cytokine mRNA Expression in Leishmania infantum-Naturally Infected Dogs. PLoS ONE, 2015, 10, e0123009.	1.1	57
10	Gene Expression Profiling Specifies Chemokine, Mitochondrial and Lipid Metabolism Signatures in Leprosy. PLoS ONE, 2013, 8, e64748.	1.1	56
11	Population Genetic Analysis Reveals a High Genetic Diversity in the Brazilian Cryptococcus gattii VGII Population and Shifts the Global Origin from the Amazon Rainforest to the Semi-arid Desert in the Northeast of Brazil. PLoS Neglected Tropical Diseases, 2016, 10, e0004885.	1.3	52
12	Predictors of early menopause in HIV-infected women: a prospective cohort study. American Journal of Obstetrics and Gynecology, 2015, 212, 765.e1-765.e13.	0.7	51
13	Global gene expression of Poncirus trifoliata, Citrus sunki and their hybrids under infection of Phytophthora parasitica. BMC Genomics, 2011, 12, 39.	1.2	50
14	Differential Expression of microRNAs in Thymic Epithelial Cells from Trypanosoma cruzi Acutely Infected Mice: Putative Role in Thymic Atrophy. Frontiers in Immunology, 2015, 6, 428.	2.2	47
15	Transcriptional memory contributes to drought tolerance in coffee (Coffea canephora) plants. Environmental and Experimental Botany, 2018, 147, 220-233.	2.0	47
16	Transcriptomic Biomarkers for Tuberculosis: Evaluation of DOCK9. EPHA4, and NPC2 mRNA Expression in Peripheral Blood. Frontiers in Microbiology, 2016, 7, 1586.	1.5	46
17	STING-Dependent 2′-5′ Oligoadenylate Synthetase–Like Production Is Required for IntracellularMycobacterium lepraeSurvival. Journal of Infectious Diseases, 2016, 214, 311-320.	1.9	44
18	Making a Better Home: Modulation of Plant Defensive Response by Brevipalpus Mites. Frontiers in Plant Science, 2018, 9, 1147.	1.7	44

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19	Metabonomics Reveals Drastic Changes in Anti-Inflammatory/Pro-Resolving Polyunsaturated Fatty Acids-Derived Lipid Mediators in Leprosy Disease. PLoS Neglected Tropical Diseases, 2013, 7, e2381.	1.3	41
20	TNF -308G>A Single Nucleotide Polymorphism Is Associated With Leprosy Among Brazilians: A Genetic Epidemiology Assessment, Meta-Analysis, and Functional Study. Journal of Infectious Diseases, 2011, 204, 1256-1263.	1.9	40
21	Transcriptome analysis of Gossypium hirsutum flower buds infested by cotton boll weevil (Anthonomus grandis) larvae. BMC Genomics, 2014, 15, 854.	1.2	35
22	Targeted gene expression profiling in Leishmania braziliensis and Leishmania guyanensis parasites isolated from Brazilian patients with different antimonial treatment outcomes. Infection, Genetics and Evolution, 2010, 10, 727-733.	1.0	34
23	RNA interference-mediated knockdown of CD49e (Î±5 integrin chain) in human thymic epithelial cells modulates the expression of multiple genes and decreases thymocyte adhesion. BMC Genomics, 2010, 11, S2.	1.2	32
24	Association between ACE2 and TMPRSS2 nasopharyngeal expression and COVID-19 respiratory distress. Scientific Reports, 2021, 11, 9658.	1.6	30
25	Pre-miR-146a (rs2910164 G>C) Single Nucleotide Polymorphism Is Genetically and Functionally Associated with Leprosy. PLoS Neglected Tropical Diseases, 2014, 8, e3099.	1.3	29
26	Reprogramming of Small Noncoding RNA Populations in Peripheral Blood Reveals Host Biomarkers for Latent and Active Mycobacterium tuberculosis Infection. MBio, 2019, 10, .	1.8	28
27	Neutrophil extracellular trap-enriched supernatants carry microRNAs able to modulate TNF-Î± production by macrophages. Scientific Reports, 2020, 10, 2715.	1.6	28
28	Systemic Inflammation in Severe Obese Patients Undergoing Surgery for Obesity and Weight-Related Diseases. Obesity Surgery, 2018, 28, 1931-1942.	1.1	27
29	ITGA6 gene silencing by RNA interference modulates the expression of a large number of cell migration-related genes in human thymic epithelial cells. BMC Genomics, 2013, 14, S3.	1.2	26
30	Application of Venn's diagram in the diagnosis of pleural tuberculosis using IFN-Î³, IP-10 and adenosine deaminase. PLoS ONE, 2018, 13, e0202481.	1.1	24
31	MicroRNAs 145 and 148a Are Upregulated During Congenital Zika Virus Infection. ASN Neuro, 2019, 11, 175909141985098.	1.5	24
32	Plasmatic Levels of IL-18, IP-10, and Activated CD8+ T Cells Are Potential Biomarkers to Identify HIV-1 Elite Controllers With a True Functional Cure Profile. Frontiers in Immunology, 2018, 9, 1576.	2.2	23
33	Social inequalities and the pandemic of COVID-19: the case of Rio de Janeiro. Journal of Epidemiology and Community Health, 2021, 75, 975-979.	2.0	21
34	Comparative genome analysis of Phyllosticta citricarpa and Phyllosticta capitalensis, two fungi species that share the same host. BMC Genomics, 2019, 20, 554.	1.2	20
35	Treatment with dimethyl fumarate reduces the formation and rupture of intracranial aneurysms: Role of Nrf2 activation. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1077-1089.	2.4	20
36	Viruses with different genome types adopt a similar strategy to pack nucleic acids based on positively charged protein domains. Scientific Reports, 2020, 10, 5470.	1.6	20

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37	Assessment of drug resistance related genes as candidate markers for treatment outcome prediction of cutaneous leishmaniasis in Brazil. Acta Tropica, 2013, 126, 132-141.	0.9	18
38	Ultra-sensitive detection of Mycobacterium leprae: DNA extraction and PCR assays. PLoS Neglected Tropical Diseases, 2020, 14, e0008325.	1.3	18
39	Clinical and genetic markers associated with tuberculosis, HIV-1 infection, and TB/HIV-immune reconstitution inflammatory syndrome outcomes. BMC Infectious Diseases, 2020, 20, 59.	1.3	18
40	Modulation of genes related to specific metabolic pathways in response to cytosolic ascorbate peroxidase knockdown in rice plants. Plant Biology, 2012, 14, 944-955.	1.8	17
41	Short-term responses of soybean roots to individual and combinatorial effects of elevated [CO2] and water deficit. Plant Science, 2019, 280, 283-296.	1.7	17
42	miRNA Expression in Control and FSHD Fetal Human Muscle Biopsies. PLoS ONE, 2015, 10, e0116853.	1.1	17
43	The Men Who Have Sex with Men HIV Care Cascade in Rio de Janeiro, Brazil. PLoS ONE, 2016, 11, e0157309.	1.1	16
44	Interruption of persistent exposure to leprosy combined or not with recent BCG vaccination enhances the response to Mycobacterium leprae specific antigens. PLoS Neglected Tropical Diseases, 2017, 11, e0005560.	1.3	14
45	Transcriptional responses of Arabidopsis thaliana to oil contamination. Environmental and Experimental Botany, 2016, 127, 63-72.	2.0	13
46	Identification of Active Sarcoidosis Using Chitotriosidase and Angiotensin-Converting Enzyme. Lung, 2019, 197, 295-302.	1.4	13
47	Association between MBL2 haplotypes and dengue severity in children from Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190004.	0.8	11
48	GeNNet: an integrated platform for unifying scientific workflows and graph databases for transcriptome data analysis. PeerJ, 2017, 5, e3509.	0.9	11
49	Can Resveratrol Supplementation Reduce Uremic Toxin Plasma Levels From the Gut Microbiota in Nondialyzed Patients With Chronic Kidney Disease?. , 2022, 32, 685-691.		11
50	HAM/TSP-derived HTLV-1-infected T cell lines promote morphological and functional changes in human astrocytes cell lines: possible role in the enhanced T cells recruitment into Central Nervous System. Virology Journal, 2015, 12, 165.	1.4	10
51	Functional analysis of polymorphisms in the COX-2 gene and risk of lung cancer. Molecular and Clinical Oncology, 2017, 6, 494-502.	0.4	10
52	FTO and ADRB2 Genetic Polymorphisms Are Risk Factors for Earlier Excessive Gestational Weight Gain in Pregnant Women with Pregestational Diabetes Mellitus: Results of a Randomized Nutrigenetic Trial. Nutrients, 2022, 14, 1050.	1.7	10
53	Killer cell immunoglobulin–like receptor (<scp>KIR</scp>) gene diversity in a population naturally exposed to malaria in Porto Velho, Northern Brazil. Tissue Antigens, 2015, 85, 190-199.	1.0	9
54	Superiority of Interferon Gamma Assay Over Tuberculin Skin Test for Latent Tuberculosis in Inflammatory Bowel Disease Patients in Brazil. Digestive Diseases and Sciences, 2019, 64, 1916-1922.	1.1	9

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55	Congenital Zika Syndrome Is Associated With Interferon Alfa Receptor 1. Frontiers in Immunology, 2021, 12, 764746.	2.2	9
56	Correlation of APRIL with production of inflammatory cytokines during acute malaria in the Brazilian Amazon. Immunity, Inflammation and Disease, 2018, 6, 207-220.	1.3	8
57	Predominance of Th1 Immune Response in Pleural Effusion of Patients with Tuberculosis among Other Exudative Etiologies. Journal of Clinical Microbiology, 2019, 58, .	1.8	8
58	The cumulative effect of multiple dimensions of lifestyle on risky drinking during the Covid-19 pandemic. Preventive Medicine, 2021, 150, 106718.	1.6	8
59	Effect of cranberry supplementation on toxins produced by the gut microbiota in chronic kidney disease patients: A pilot randomized placebo-controlled trial. Clinical Nutrition ESPEN, 2022, 47, 63-69.	0.5	8
60	Development and validation of a multiplex real-time qPCR assay using GMP-grade reagents for leprosy diagnosis. PLoS Neglected Tropical Diseases, 2022, 16, e0009850.	1.3	8
61	Assessing respondent-driven sampling: A simulation study across different networks. Social Networks, 2018, 52, 48-55.	1.3	7
62	MicroRNA and cellular targets profiling reveal miR-217 and miR-576-3p as proviral factors during Oropouche infection. PLoS Neglected Tropical Diseases, 2018, 12, e0006508.	1.3	7
63	Naturally acquired antibody response to a Plasmodium falciparum chimeric vaccine candidate GMZ2.6c and its components (MSP-3, GLURP, and Pfs48/45) in individuals living in Brazilian malaria-endemic areas. Malaria Journal, 2022, 21, 6.	0.8	7
64	HTLV-1-infected thymic epithelial cells convey the virus to CD4 + T lymphocytes. Immunobiology, 2017, 222, 1053-1063.	0.8	6
65	Whole blood profiling of leprosy type 1(reversal) reactions highlights prominence of innate immune response genes. BMC Infectious Diseases, 2018, 18, 422.	1.3	6
66	What Are We Measuring When We Evaluate Digital Interventions for Improving Lifestyle? A Scoping Meta-Review. Frontiers in Public Health, 2021, 9, 735624.	1.3	6
67	Short Report: Choline plasma levels are related to Nrf2 transcriptional expression in chronic kidney disease?. Clinical Nutrition ESPEN, 2022, 50, 318-321.	0.5	6
68	Small interference ITGA6 gene targeting in the human thymic epithelium differentially regulates the expression of immunological synapse-related genes. Cell Adhesion and Migration, 2018, 12, 1-16.	1.1	5
69	Synthetic Antigens Derived from Plasmodium falciparum Sporozoite, Liver, and Blood Stages: Naturally Acquired Immune Response and Human Leukocyte Antigen Associations in Individuals Living in a Brazilian Endemic Area. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1581-1592.	0.6	5
70	Avaliação de tecnologias em saúde: tensões metodológicas durante a pandemia de Covid-19. Estudos Avancados, 2020, 34, 77-96.	0.2	5
71	Assessing logistic regression applied to respondent-driven sampling studies: a simulation study with an application to empirical data. International Journal of Social Research Methodology: Theory and Practice, 2023, 26, 319-333.	2.3	5
72	Increased biomarkers of cardiovascular risk in HIV-1 viremic controllers and low persistent inflammation in elite controllers and art-suppressed individuals. Scientific Reports, 2022, 12, 6569.	1.6	5

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73	Resistant Starch Type-2 Supplementation Does Not Decrease Trimethylamine N-Oxide (TMAO) Plasma Level in Hemodialysis Patients. , 2022, 41, 788-795.		5
74	Single-Nucleotide Polymorphisms in NOD1, RIPK2, MICB, PLCE1, TNF, and IKBKE Genes Associated with Symptomatic Dengue in Children from Colombia. Viral Immunology, 2018, 31, 613-623.	0.6	3
75	Increased expression of CDKN1A/p21 in HIV-1 controllers is correlated with upregulation of ZC3H12A/MCPIP1. Retrovirology, 2020, 17, 18.	0.9	3
76	Interferon-lambda 3 and 4 Polymorphisms Increase Sustained Virological Responses and Regulate Innate Immunity in Antiviral Therapy With Pegylated Interferon-Alpha. Frontiers in Cellular and Infection Microbiology, 2021, 11, 656393.	1.8	3
77	Transcriptomic Biomarkers for Tuberculosis: Validation of NPC2 as a Single mRNA Biomarker to Diagnose TB, Predict Disease Progression, and Monitor Treatment Response. Cells, 2021, 10, 2704.	1.8	3
78	Were the socio-economic determinants of municipalities relevant to the increment of COVID-19 related deaths in Brazil in 2020?. PLoS ONE, 2022, 17, e0266109.	1.1	3
79	Defining prognosis in sarcoidosis. Medicine (United States), 2020, 99, e23100.	0.4	2
80	Few amino acid signatures distinguish HIV-1 subtype B pandemic and non-pandemic strains. PLoS ONE, 2020, 15, e0238995.	1.1	2
81	Differential Expression of Human MicroRNAs During Dengue Virus Infection in THP-1 Monocytes. Frontiers in Cellular and Infection Microbiology, 2021, 11, 714088.	1.8	2
82	Local Regulation of Adrenal Steroidogenesis: Subtle in vitro Effects of IL-1β on the Human Cell Line NCI-H295R Steroid Production along with Changes in MicroRNA Profile and Orphan Nuclear Receptors NR4As. NeuroImmunoModulation, 2020, 27, 131-141.	0.9	2
83	Functional Feeding Group composition and attributes: evaluation of freshwater ecosystems in Atlantic Forest, Brazil. Biota Neotropica, 2021, 21, .	0.2	2
84	The impact of healthcare-associated infections on COVID-19 mortality: a cohort study from a Brazilian public hospital. Revista Da Associação Médica Brasileira, 2021, 67, 997-1002.	0.3	2
85	Hypocaloric diet with lower meal frequency did not affect weight loss, body composition and insulin responsiveness, but improved lipid profile: a randomized clinical trial. Food and Function, 2021, 12, 12594-12605.	2.1	2
86	Decreased Circulating Levels of APRIL: Questioning Its Role in Diabetes. PLoS ONE, 2015, 10, e0140150.	1.1	1
87	Simplicity DiffExpress: A Bespoke Cloud-Based Interface for RNA-seq Differential Expression Modeling and Analysis. Frontiers in Genetics, 2019, 10, 356.	1.1	1
88	Proviral Quasispecies Diversity Is Not Associated With Virologic Breakthrough or CD4+ T Cell Loss in HIV-1 Elite Controllers. Frontiers in Microbiology, 2019, 10, 673.	1.5	1
89	Diagnostic performance of the Xpert MTB/RIF assay in BAL fluid samples from patients under clinical suspicion of pulmonary tuberculosis: a tertiary care experience in a high-tuberculosis-burden area. Jornal Brasileiro De Pneumologia, 2021, 47, e20200581.	0.4	1
90	Killer immunoglobulin-like receptor (KIR) genes are associated with the risk of episodes of high-level and detectable viremia among HIV controllers. F1000Research, 0, 10, 546.	0.8	1

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91	Polymorphisms at CYP enzymes, NR1I2 and NR1I3 in association with virologic response to antiretroviral therapy in Brazilian HIV-positive individuals. Pharmacogenomics Journal, 2021, , .	0.9	1
92	Risk assessment and rationalization of health resource allocation: Lessons from the Brazilian COVID-19 cohort in 2020. Preventive Medicine Reports, 2022, 26, 101724.	0.8	1
93	Hyporexia and cellular/biochemical characteristics of pleural fluid as predictive variables on a model for pleural tuberculosis diagnosis. Jornal Brasileiro De Pneumologia, 2021, 48, e20210245.	0.4	1
94	Using ANOVA to analyse thalidomide&#x2019;s molecular mechanisms in human PBMC microarrays. , 2008, , .		0
95	Genetic modulation during thymocyte development an integrative approach based on microarray meta-analysis. , 2015, , .		0
96	QUANTITATIVE TRAIT LOCI ASSOCIATED TO Phytophthora parasitica RESISTANCE ON CITRUS PLANTS. UNAR Revista CientÃfica Do Centro UniversitÃrio De Araras Dr Edmundo Ulson, 2018, 17, .	0.0	0
97	Development of algorithms to estimate EQ-5D and derive health utilities from WHOQOL-HIV Bref: a mapping study. Quality of Life Research, 2020, 29, 2497-2508.	1.5	0
98	Mortalidade por cÃ¢ncer no estado de Mato Grosso, Brasil, no perÃodo de 2000 a 2015: tendÃªncia temporal e diferenÃ§as regionais. Revista Brasileira De Epidemiologia, 2022, 25, .	0.3	0
99	Cancer mortality in the State of Mato Grosso from 2000 to 2015: temporal trend and regional differences. Revista Brasileira De Epidemiologia, 2022, 25, .	0.3	0