

Sidney Santos

List of Publications by Year in descending order

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120
papers

2,483
citations

236925

25
h-index

265206

42
g-index

124
all docs

124
docs citations

124
times ranked

3368
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Variants in the ATIC and ARID5B Genes on Therapeutic Failure with Imatinib in Patients with Chronic Myeloid Leukemia. <i>Genes</i> , 2022, 13, 330.	2.4	4
2	Identification and Characterization of Polymorphisms in piRNA Regions. <i>Current Issues in Molecular Biology</i> , 2022, 44, 942-951.	2.4	1
3	Correlation of Genetic Variants and the Incidence, Prevalence and Mortality Rates of Acute Lymphoblastic Leukemia. <i>Journal of Personalized Medicine</i> , 2022, 12, 370.	2.5	3
4	Genetic Variants of MicroRNA and DROSHA Genes in Association With the Risk of Tuberculosis in the Amazon Population. <i>Frontiers in Genetics</i> , 2022, 13, 850058.	2.3	2
5	The Genomic Profile Associated with Risk of Severe Forms of COVID-19 in Amazonian Native American Populations. <i>Journal of Personalized Medicine</i> , 2022, 12, 554.	2.5	7
6	The Search for Cancer Biomarkers: Assessing the Distribution of INDEL Markers in Different Genetic Ancestries. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2275-2286.	2.4	2
7	Correlation between Genomic Variants and Worldwide Epidemiology of Prostate Cancer. <i>Genes</i> , 2022, 13, 1039.	2.4	6
8	Pharmacogenomic Profile of Amazonian Amerindians. <i>Journal of Personalized Medicine</i> , 2022, 12, 952.	2.5	1
9	Genetic Diversity of Drug-Related Genes in Native Americans of the Brazilian Amazon. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 117-133.	0.7	2
10	Identification of Variants (rs11571707, rs144848, and rs11571769) in the BRCA2 Gene Associated with Hereditary Breast Cancer in Indigenous Populations of the Brazilian Amazon. <i>Genes</i> , 2021, 12, 142.	2.4	7
11	Ancestral genetic legacy of the extant population of Argentina as predicted by autosomal and X-chromosomal DIPs. <i>Molecular Genetics and Genomics</i> , 2021, 296, 581-590.	2.1	2
12	Genomic approach for conservation and the sustainable management of endangered species of the Amazon. <i>PLoS ONE</i> , 2021, 16, e0240002.	2.5	1
13	Can miRNA Indicate Risk of Illness after Continuous Exposure to <i>M. tuberculosis</i> ?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3674.	4.1	6
14	Comprehensive analysis of germline mutations in northern Brazil: a panel of 16 genes for hereditary cancer-predisposing syndrome investigation. <i>BMC Cancer</i> , 2021, 21, 363.	2.6	7
15	Influence of APOE locus on poor prognosis of COVID-19. <i>Heliyon</i> , 2021, 7, e07379.	3.2	5
16	How natural selection shapes genetic differentiation in the MHC region: A case study with Native Americans. <i>Human Immunology</i> , 2021, 82, 523-531.	2.4	10
17	Influence of FPGS, ABCC4, SLC29A1, and MTHFR genes on the pharmacogenomics of fluoropyrimidines in patients with gastrointestinal cancer from the Brazilian Amazon. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 88, 837-844.	2.3	4
18	Novel Microsatellite Markers Used for Determining Genetic Diversity and Tracing of Wild and Farmed Populations of the Amazonian Giant Fish <i>Arapaima gigas</i> . <i>Genes</i> , 2021, 12, 1324.	2.4	5

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19	Gastric Cancer Microbiome. <i>Pathobiology</i> , 2021, 88, 156-169.	3.8	18
20	The Small Bowel Cancer Incidence Enigma. <i>Pathology and Oncology Research</i> , 2020, 26, 635-639.	1.9	3
21	Association of genes ARID5B, CEBPE and folate pathway with acute lymphoblastic leukemia in a population from the Brazilian Amazon region. <i>Leukemia Research Reports</i> , 2020, 13, 100188.	0.4	5
22	Global Analyses of Expressed Piwi-Interacting RNAs in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7656.	4.1	8
23	Association between the TPMT*3C (rs1142345) Polymorphism and the Risk of Death in the Treatment of Acute Lymphoblastic Leukemia in Children from the Brazilian Amazon Region. <i>Genes</i> , 2020, 11, 1132.	2.4	6
24	Amerindian genetic ancestry as a risk factor for tuberculosis in an amazonian population. <i>PLoS ONE</i> , 2020, 15, e0236033.	2.5	16
25	Exome Sequencing of Native Populations From the Amazon Reveals Patterns on the Peopling of South America. <i>Frontiers in Genetics</i> , 2020, 11, 548507.	2.3	10
26	Investigation of INDEL variants in apoptosis: the relevance to gastric cancer. <i>BMC Medical Genetics</i> , 2020, 21, 207.	2.1	7
27	piRNAs in Gastric Cancer: A New Approach Towards Translational Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2126.	4.1	25
28	The Metabolization Profile of the CYP2D6 Gene in Amerindian Populations: A Review. <i>Genes</i> , 2020, 11, 262.	2.4	10
29	Characterization of pharmacogenetic markers related to Acute Lymphoblastic Leukemia toxicity in Amazonian native Americans population. <i>Scientific Reports</i> , 2020, 10, 10292.	3.3	11
30	Investigation of genetic susceptibility to Mycobacterium tuberculosis (VDR and IL10 genes) in a population with a high level of substructure in the Brazilian Amazon region. <i>International Journal of Infectious Diseases</i> , 2020, 98, 447-453.	3.3	8
31	Identification of NUDT15 gene variants in Amazonian Amerindians and admixed individuals from northern Brazil. <i>PLoS ONE</i> , 2020, 15, e0231651.	2.5	18
32	New insights on intercontinental origins of paternal lineages in Northeast Brazil. <i>BMC Evolutionary Biology</i> , 2020, 20, 15.	3.2	5
33	Hereditary gastric cancer: Three rules to reduce missed diagnoses. <i>World Journal of Gastroenterology</i> , 2020, 26, 1382-1393.	3.3	9
34	Lymph nodes may be a source for immunotherapy in gastric cancer. <i>Oncotarget</i> , 2020, 11, 1729-1736.	1.8	1
35	Polymorphisms of xenobiotic-metabolizing and transporter genes, and the risk of gastric and colorectal cancer in an admixed population from the Brazilian Amazon. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 6626-6636.	0.0	1
36	Influence of variants of the , , and genes on susceptibility to acute lymphoblastic leukemia in an admixed population from the brazilian amazon. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 8216-8224.	0.0	2

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37	miRNome Reveals New Insights Into the Molecular Biology of Field Cancerization in Gastric Cancer. <i>Frontiers in Genetics</i> , 2019, 10, 592.	2.3	15
38	Polymorphisms of ADME-related genes and their implications for drug safety and efficacy in Amazonian Amerindians. <i>Scientific Reports</i> , 2019, 9, 7201.	3.3	23
39	Epigenetic Field Cancerization in Gastric Cancer: microRNAs as Promising Biomarkers. <i>Journal of Cancer</i> , 2019, 10, 1560-1569.	2.5	42
40	Loss of genetic variability in the captive stocks of tambaqui, <i>Colossoma macropomum</i> (Cuvier). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf Research</i> , 2018, 49, 1914-1925.	1.8	17
41	Estimating Asian Contribution to the Brazilian Population: A New Application of a Validated Set of 61 Ancestry Informative Markers. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3577-3582.	1.8	25
42	Traps and trumps from adjacent-to-tumor samples in gastric cancer research. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2018, 30, 564-567.	2.2	3
43	Paternal portrait of populations of the middle Magdalena River region (Tolima and Huila, Colombia): New insights on the peopling of Central America and northernmost South America. <i>PLoS ONE</i> , 2018, 13, e0207130.	2.5	9
44	Pharmacogenomics and variations in the risk of toxicity during the consolidation/maintenance phases of the treatment of pediatric B-cell leukemia patients from an admixed population in the Brazilian Amazon. <i>Leukemia Research</i> , 2018, 74, 10-13.	0.8	14
45	A new species of myxozoa in the skeletal striated musculature of <i>Rhamdia quelen</i> (Quoy & Gmelin). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 0.5 2</i>	0.5	2
46	Whole Genome Sequencing of the Pirarucu (<i>Arapaima gigas</i>) Supports Independent Emergence of Major Teleost Clades. <i>Genome Biology and Evolution</i> , 2018, 10, 2366-2379.	2.5	33
47	Genetic Susceptibility to Neurodegeneration in Amazon: Apolipoprotein E Genotyping in Vulnerable Populations Exposed to Mercury. <i>Frontiers in Genetics</i> , 2018, 9, 285.	2.3	36
48	miRNome Expression Analysis Reveals New Players on Leprosy Immune Physiopathology. <i>Frontiers in Immunology</i> , 2018, 9, 463.	4.8	16
49	The potential European genetic predisposition for non-contact anterior cruciate ligament injury. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3532-3536.	4.2	2
50	<i>Piwi</i> like RNA-mediated gene silencing 1 gene as a possible major player in gastric cancer. <i>World Journal of Gastroenterology</i> , 2018, 24, 5338-5350.	3.3	24
51	Potential forensic use of a 33 X-InDel panel in the Argentinean population. <i>International Journal of Legal Medicine</i> , 2017, 131, 107-112.	2.2	22
52	The comprehensive expression analysis of circular RNAs in gastric cancer and its association with field cancerization. <i>Scientific Reports</i> , 2017, 7, 14551.	3.3	33
53	African ancestry is associated with facial melasma in women: a cross-sectional study. <i>BMC Medical Genetics</i> , 2017, 18, 17.	2.1	23
54	RAPID-COMMUNICATION Genetic diversity and differentiation in natural populations of <i>Arapaima gigas</i> from lower Amazon revealed by microsatellites. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.2	4

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55	Investigation of mutations in the HBB gene using the 1,000 genomes database. PLoS ONE, 2017, 12, e0174637.	2.5	29
56	Effect of genetic ancestry to the risk of susceptibility to gastric cancer in a mixed population of the Brazilian Amazon. BMC Research Notes, 2017, 10, 646.	1.4	6
57	Analysis of 12 variants in the development of gastric and colorectal cancers. World Journal of Gastroenterology, 2017, 23, 8533-8543.	3.3	18
58	GEJ cancers: gastric or esophageal tumors? searching for the answer according to molecular identity. Oncotarget, 2017, 8, 104286-104294.	1.8	15
59	Association of insertion-deletions polymorphisms with colorectal cancer risk and clinical features. World Journal of Gastroenterology, 2017, 23, 6854-6867.	3.3	19
60	Frequency of TNFA, INFG, and IL10 Gene Polymorphisms and Their Association with Malaria Vivax and Genomic Ancestry. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	10
61	Male Lineages in Brazil: Intercontinental Admixture and Stratification of the European Background. PLoS ONE, 2016, 11, e0152573.	2.5	30
62	Polymorphisms in CYP19A1 and NFKB1 genes are associated with cutaneous melanoma risk in southern Brazilian patients. Melanoma Research, 2016, 26, 348-353.	1.2	7
63	Ancestry informative markers and selected single nucleotide polymorphisms in immunoregulatory genes on preterm labor and preterm premature rupture of membranes: a case control study. BMC Pregnancy and Childbirth, 2016, 16, 30.	2.4	33
64	Distribution of allelic and genotypic frequencies of IL1A, IL4, NFKB1 and PAR1 variants in Native American, African, European and Brazilian populations. BMC Research Notes, 2016, 9, 101.	1.4	17
65	Association of IFNL3 and IFNL4 polymorphisms with hepatitis C virus infection in a population from southeastern Brazil. Archives of Virology, 2016, 161, 1477-1484.	2.1	13
66	The adjacent to tumor sample trap. Gastric Cancer, 2016, 19, 1024-1025.	5.3	11
67	A multicentric association study between 39 genes and nonsyndromic cleft lip and palate in a Brazilian population. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 16-20.	1.7	48
68	Sial ² -3Gal ² - Receptor Genetic Variants Are Associated with Influenza A(H1N1)pdm09 Severity. PLoS ONE, 2015, 10, e0139681.	2.5	14
69	Population genetic analysis of insertion-deletion polymorphisms in a Brazilian population using the Investigator DIPplex kit. Forensic Science International: Genetics, 2015, 19, 10-14.	3.1	18
70	Association of the CYP2B6 gene with anti-tuberculosis drug-induced hepatotoxicity in a Brazilian Amazon population. International Journal of Infectious Diseases, 2015, 33, 28-31.	3.3	14
71	Humoral immune responses against the malaria vaccine candidate antigen Plasmodium vivax AMA-1 and IL-4 gene polymorphisms in individuals living in an endemic area of the Brazilian Amazon. Cytokine, 2015, 74, 273-278.	3.2	9
72	Amerindian genetic ancestry and INDEL polymorphisms associated with susceptibility of childhood B-cell Leukemia in an admixed population from the Brazilian Amazon. Leukemia Research, 2015, 39, 1239-1245.	0.8	24

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73	Mysterious Bones Unearthed:Development of an Online Therapeuticserious Game for Children with Attention Deficit-hyperactivity Disorder. <i>Procedia Computer Science</i> , 2015, 64, 1208-1216.	2.0	12
74	Identification of new SNPs in native South American populations by resequencing the Y chromosome. <i>Forensic Science International: Genetics</i> , 2015, 15, 111-114.	3.1	17
75	Influence of Genetic Ancestry on INDEL Markers of NFKÎ²1, CASP8, PAR1, IL4 and CYP19A1 Genes in Leprosy Patients. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004050.	3.0	25
76	Ancestry of the Brazilian TP53 c.1010G>A (p.Arg337His, R337H) Founder Mutation: Clues from Haplotyping of Short Tandem Repeats on Chromosome 17p. <i>PLoS ONE</i> , 2015, 10, e0143262.	2.5	8
77	The Hidden Dangers of Beaches: Cardiorespiratory Arrest Induced by Thermal Shock. <i>West Indian Medical Journal</i> , 2015, 64, 151-3.	0.4	0
78	Population stratification effect on cancer susceptibility in an admixed population from Brazilian Amazon. <i>Anticancer Research</i> , 2015, 35, 2009-14.	1.1	6
79	Investigation of Potentially Deleterious Alleles for Response to Cancer Treatment with 5-Fluorouracil. <i>Anticancer Research</i> , 2015, 35, 6971-7.	1.1	4
80	PRODH Polymorphisms, Cortical Volumes and Thickness in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e87686.	2.5	14
81	MYH9 and APOL1 Gene Polymorphisms and the Risk of CKD in Patients with Lupus Nephritis from an Admixture Population. <i>PLoS ONE</i> , 2014, 9, e87716.	2.5	26
82	Comparison of the genetic background of different Colombian populations using the SNPforID 52plex identification panel. <i>International Journal of Legal Medicine</i> , 2014, 128, 19-25.	2.2	22
83	Population data of the 46 insertion"deletion (INDEL) loci in population in PiauÁState, Northeastern Brazil. <i>Forensic Science International: Genetics</i> , 2014, 9, e13-e15.	3.1	8
84	DNA polymorphisms at BCL11A, HBS1L-MYB and Xmn1-HBG2 site loci associated with fetal hemoglobin levels in sickle cell anemia patients from Northern Brazil. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 53, 176-179.	1.4	37
85	Amerindian genetic ancestry is associated with higher survival rates compared to African and European ancestry in Brazilian patients with heart failure. <i>International Journal of Cardiology</i> , 2014, 176, 527-528.	1.7	10
86	Tri-allelic pattern at the TPOX locus: A familial study. <i>Gene</i> , 2014, 535, 353-358.	2.2	15
87	Fabry disease: Evidence for a regional founder effect of the GLA gene mutation 30delG in Brazilian patients. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 414-421.	1.1	3
88	MiRNA Expression Profile for the Human Gastric Antrum Region Using Ultra-Deep Sequencing. <i>PLoS ONE</i> , 2014, 9, e92300.	2.5	25
89	Identification of miRNAs Expression Profile in Gastric Cancer Using Self-Organizing Maps (SOM). <i>Bioinformatics</i> , 2014, 10, 246-250.	0.5	13
90	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013"31 May 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 966-968.	4.8	19

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91	Continent-Wide Decoupling of Y-Chromosomal Genetic Variation from Language and Geography in Native South Americans. <i>PLoS Genetics</i> , 2013, 9, e1003460.	3.5	89
92	High-Throughput Sequencing of a South American Amerindian. <i>PLoS ONE</i> , 2013, 8, e83340.	2.5	9
93	Haplotypes of the L10 Gene as Potential Protection Factors in Leprosy Patients. <i>Vaccine Journal</i> , 2013, 20, 1599-1603.	3.1	10
94	A study of GJB2 and delGJB6-D13S1830 mutations in Brazilian non-syndromic deaf children from the Amazon region. <i>Brazilian Journal of Otorhinolaryngology</i> , 2013, 79, 95-99.	1.0	15
95	Assessment of the Relationship between Self-Declared Ethnicity, Mitochondrial Haplogroups and Genomic Ancestry in Brazilian Individuals. <i>PLoS ONE</i> , 2013, 8, e62005.	2.5	75
96	MYC Deregulation in Gastric Cancer and Its Clinicopathological Implications. <i>PLoS ONE</i> , 2013, 8, e64420.	2.5	77
97	Association of slow acetylation profile of NAT2 with breast and gastric cancer risk in Brazil. <i>Anticancer Research</i> , 2013, 33, 3683-9.	1.1	10
98	Allelic frequencies and statistical data obtained from 48 AIM INDEL loci in an admixed population from the Brazilian Amazon. <i>Forensic Science International: Genetics</i> , 2012, 6, 132-135.	3.1	19
99	Fourteen short tandem repeat loci Y chromosome haplotypes: Genetic analysis in populations from northern Brazil. <i>Forensic Science International: Genetics</i> , 2012, 6, 413-418.	3.1	8
100	Short Communication Multiplex PCR panel of microsatellite markers for the tambaqui, <i>Colossoma macropomum</i> , developed as a tool for use in conservation and broodstock management. <i>Genetics and Molecular Research</i> , 2012, 11, 141-146.	0.2	11
101	Straightforward Inference of Ancestry and Admixture Proportions through Ancestry-Informative Insertion Deletion Multiplexing. <i>PLoS ONE</i> , 2012, 7, e29684.	2.5	211
102	Insertion-deletion polymorphisms utilization on forensic analysis. <i>International Journal of Legal Medicine</i> , 2012, 126, 491-496.	2.2	21
103	Disclosing the Genetic Structure of Brazil through Analysis of Male Lineages with Highly Discriminating Haplotypes. <i>PLoS ONE</i> , 2012, 7, e40007.	2.5	28
104	Afro-Derived Amazonian Populations: Inferring Continental Ancestry and Population Substructure. <i>Human Biology</i> , 2011, 83, 627-636.	0.2	11
105	Genetic biomonitoring of inhabitants exposed to uranium in the north region of Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1402-1407.	6.0	4
106	Extensive survey of 12 X-STRs reveals genetic heterogeneity among Brazilian populations. <i>International Journal of Legal Medicine</i> , 2011, 125, 445-452.	2.2	28
107	Isolation and characterization of tri and tetranucleotide microsatellite markers for the tambaqui (<i>Colossoma macropomum</i> , Serrasalminae, Characiformes). <i>Conservation Genetics Resources</i> , 2011, 3, 33-36.	0.8	15
108	Male ancestry structure and interethnic admixture in African-descent communities from the Amazon as revealed by Y-chromosome STRs. <i>American Journal of Physical Anthropology</i> , 2011, 144, 471-478.	2.1	27

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109	X-linked insertion/deletion polymorphisms: forensic applications of a 33-markers panel. <i>International Journal of Legal Medicine</i> , 2010, 124, 589-593.	2.2	42
110	Assessing individual interethnic admixture and population substructure using a 48-insertion-deletion (INSEL) ancestry-informative marker (AIM) panel. <i>Human Mutation</i> , 2010, 31, 184-190.	2.5	301
111	Estimates of interethnic admixture in the Brazilian population using a panel of 24 X-linked insertion/deletion markers. <i>American Journal of Human Biology</i> , 2010, 22, 849-852.	1.6	18
112	Ultra-Deep Sequencing Reveals the microRNA Expression Pattern of the Human Stomach. <i>PLoS ONE</i> , 2010, 5, e13205.	2.5	67
113	Y-STR haplotypes of Native American populations from the Brazilian Amazon region. <i>Forensic Science International: Genetics</i> , 2010, 4, e121-e123.	3.1	8
114	Genetic data of twelve X-STRs in a Japanese immigrant population resident in Brazil. <i>Forensic Science International: Genetics</i> , 2010, 4, e57-e58.	3.1	6
115	Assessing interethnic admixture using an X-linked insertion-deletion multiplex. <i>American Journal of Human Biology</i> , 2009, 21, 707-709.	1.6	25
116	An INDEL polymorphism at the X-STR GATA172D05 flanking region. <i>International Journal of Legal Medicine</i> , 2009, 123, 89-94.	2.2	5
117	Interleukin-1 and TNF- α polymorphisms and <i>Helicobacter pylori</i> in a Brazilian Amazon population. <i>World Journal of Gastroenterology</i> , 2009, 15, 1465.	3.3	55
118	A multiplex PCR for 11 X chromosome STR markers and population data from a Brazilian Amazon Region. <i>Forensic Science International: Genetics</i> , 2008, 2, 154-158.	3.1	29
119	Allele frequencies data and statistic parameters for 13 STR loci in a population of the Brazilian Amazon Region. <i>Forensic Science International</i> , 2007, 168, 244-247.	2.2	39
120	Clinical and pathological importance of vacA allele heterogeneity and cagA status in peptic ulcer disease in patients from North Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 875-881.	1.6	31