Cesar Paz-y-Mino

List of Publications by Year
in descending order

102	1,747	257101 24	377514 34
papers	citations	h-index	g-index

112	112	112	2161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rare pathology derived from a ring chromosome 15. Clinical, genomic and protein interactome of genes associated with the phenotype. Revista Bionatura, 2022, 7, 1-7.	0.1	0
2	Progresos genÃ©ticos y genÃ³micos en el cÃ¡ncer de mama. Metro Ciencia, 2022, 30, 8-13.	0.0	0
3	Interactoma de predisposiciÃ³n y resistencia a SARS-CoV-2. ProteÃnas, genes y funciones.. Revista Bionatura, 2021, 6, 1555-1562.	0.1	0
4	In silico Analyses of Immune System Protein Interactome Network, Single-Cell RNA Sequencing of Human Tissues, and Artificial Neural Networks Reveal Potential Therapeutic Targets for Drug Repurposing Against COVID-19. Frontiers in Pharmacology, 2021, 12, 598925.	1.6	16
5	Pharmacogenomics, biomarker network, and allele frequencies in colorectal cancer. Pharmacogenomics Journal, 2020, 20, 136-158.	0.9	15
6	Multiâ€institutional experience of genetic diagnosis in Ecuador: National registry of chromosome alterations and polymorphisms. Molecular Genetics & Genomic Medicine, 2020, 8, e1087.	0.6	3
7	Cytogenetic and genomic analysis of a patient with turner syndrome and t(2;12): a case report. Molecular Cytogenetics, 2020, 13, 46.	0.4	4
8	Oncology and Pharmacogenomics Insights in Polycystic Ovary Syndrome: An Integrative Analysis. Frontiers in Endocrinology, 2020, 11, 585130.	1.5	16
9	TCGA Pan-Cancer Genomic Analysis of Alternative Lengthening of Telomeres (ALT) Related Genes. Genes, 2020, 11, 834.	1.0	8
10	Clinical, genomics and networking analyses of a high-altitude native American Ecuadorian patient with congenital insensitivity to pain with anhidrosis: a case report. BMC Medical Genomics, 2020, 13, 113.	0.7	5
11	A deep analysis using panel-based next-generation sequencing in an Ecuadorian pediatric patient with anaplastic astrocytoma: a case report. Journal of Medical Case Reports, 2020, 14, 136.	0.4	1
12	Tracing the genetic history of the â€˜CaÃ±arisâ€™ from Ecuador and Peru using uniparental DNA markers. BMC Genomics, 2020, 21, 413.	1.2	5
13	OncoOmics approaches to reveal essential genes in breast cancer: a panoramic view from pathogenesis to precision medicine. Scientific Reports, 2020, 10, 5285.	1.6	36
14	Characterization of Ancestral Origin of Cystic Fibrosis of Patients with New Reported Mutations in CFTR. BioMed Research International, 2020, 2020, 1-6.	0.9	1
15	Gene Prioritization through Consensus Strategy, Enrichment Methodologies Analysis, and Networking for Osteosarcoma Pathogenesis. International Journal of Molecular Sciences, 2020, 21, 1053.	1.8	13
16	De Novo Duplication of Chromosome 9p in a Female Infant: Phenotype and Genotype Correlation. Journal of Pediatric Genetics, 2020, 09, 069-075.	0.3	3
17	Prediction of breast cancer proteins involved in immunotherapy, metastasis, and RNA-binding using molecular descriptors and artificial neural networks. Scientific Reports, 2020, 10, 8515.	1.6	29
18	Post-transcriptional Regulation of Colorectal Cancer: A Focus on RNA-Binding Proteins. Frontiers in Molecular Biosciences, 2019, 6, 65.	1.6	39

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19	The three-hybrid genetic composition of an Ecuadorian population using AIMs-InDels compared with autosomes, mitochondrial DNA and Y chromosome data. Scientific Reports, 2019, 9, 9247.	1.6	31
20	A quick guide for using Microsoft OneNote as an electronic laboratory notebook. PLoS Computational Biology, 2019, 15, e1006918.	1.5	14
21	Mutational analysis of CFTR in the Ecuadorian population using next-generation sequencing. Gene, 2019, 696, 28-32.	1.0	7
22	Genotoxic and Carcinogenic Potential of Compounds Associated with Electronic Cigarettes: A Systematic Review. BioMed Research International, 2019, 2019, 1-8.	0.9	15
23	Clinical, cytogenetic, and molecular findings in a patient with ring chromosome 4: case report and literature review. BMC Medical Genomics, 2019, 12, 167.	0.7	2
24	Y Chromosome Sequences Reveal a Short Beringian Standstill, Rapid Expansion, and early Population structure of Native American Founders. Current Biology, 2019, 29, 149-157.e3.	1.8	94
25	Breast Cancer Risk Associated with Genotype Polymorphisms of the Aurora Kinase a Gene (AURKA): a Case-Control Study in a High Altitude Ecuadorian Mestizo Population. Pathology and Oncology Research, 2018, 24, 457-465.	0.9	11
26	Ring chromosome 15 â€“ cytogenetics and mapping arrays: a case report and review of the literature. Journal of Medical Case Reports, 2018, 12, 340.	0.4	12
27	Salivary MicroRNAs for Early Detection of Head and Neck Squamous Cell Carcinoma: A Case-Control Study in the High Altitude Mestizo Ecuadorian Population. BioMed Research International, 2018, 2018, 1-9.	0.9	38
28	Gene prioritization, communality analysis, networking and metabolic integrated pathway to better understand breast cancer pathogenesis. Scientific Reports, 2018, 8, 16679.	1.6	29
29	Analysis of Racial/Ethnic Representation in Select Basic and Applied Cancer Research Studies. Scientific Reports, 2018, 8, 13978.	1.6	105
30	Mutational Analysis of Oncogenic AKT1 Gene Associated with Breast Cancer Risk in the High Altitude Ecuadorian Mestizo Population. BioMed Research International, 2018, 2018, 1-10.	0.9	28
31	Study of the Huntington's disease <scp>IT</scp>â€15 gene in different ethnic groups in Ecuador. Clinical Genetics, 2017, 92, 544-547.	1.0	8
32	Molecular analysis of ancestry informative markers (AIMs-INDELs) in a high altitude Ecuadorian mestizo population affected with breast cancer. Forensic Science International: Genetics Supplement Series, 2017, 6, e231-e232.	0.1	3
33	Development of a SNaPshot Multiplex system for the typing of single nucleotide polymorphisms (SNPs) involved in the adaptive response to high altitude hypoxia. Forensic Science International: Genetics Supplement Series, 2017, 6, e357-e358.	0.1	0
34	Ancestry study in Ecuadorian population with multiple myeloma. Forensic Science International: Genetics Supplement Series, 2017, 6, e435-e436.	0.1	0
35	Ancestry characterization of Ecuadorâ€™s Highland mestizo population using autosomal AIM-INDELs. Forensic Science International: Genetics Supplement Series, 2017, 6, e477-e478.	0.1	10
36	Evaluation of ancestral membership proportions and genotype distribution in the perception of Umami taste in Ecuadorian mestizos. Forensic Science International: Genetics Supplement Series, 2017, 6, e171-e172.	0.1	1

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37	Genetic data for twenty-two autosomal STRs (PowerPlexÂ® Fusion) from Afro-Ecuadorian population. Forensic Science International: Genetics Supplement Series, 2017, 6, e303-e304.	0.1	2
38	Understanding Celiac Disease From Genetics to the Future Diagnostic Strategies. Clinical Medicine Insights Gastroenterology, 2017, 10, 117955221771224.	1.0	8
39	Genotyping the High Altitude Mestizo Ecuadorian Population Affected with Prostate Cancer. BioMed Research International, 2017, 2017, 1-10.	0.9	7
40	Consensus strategy in genes prioritization and combined bioinformatics analysis for preeclampsia pathogenesis. BMC Medical Genomics, 2017, 10, 50.	0.7	18
41	Fusing Docking Scoring Functions Improves the Virtual Screening Performance for Discovering Parkinson's Disease Dual Target Ligands. Current Neuropharmacology, 2017, 15, 1107-1116.	1.4	11
42	Chemoinformatics Profiling of the Chromone Nucleus as a MAO-B/A2AAR Dual Binding Scaffold. Current Neuropharmacology, 2017, 15, 1117-1135.	1.4	5
43	Multiplex PCR in non-human DNA molecular identification of Ascaris spp. in forensic biology. Forensic Science International: Genetics Supplement Series, 2017, 6, e568-e569.	0.1	0
44	A study of the molecular variants associated with lactase persistence in different Ecuadorian ethnic groups. American Journal of Human Biology, 2016, 28, 774-781.	0.8	7
45	New native South American Y chromosome lineages. Journal of Human Genetics, 2016, 61, 593-603.	1.1	28
46	Genetics and genomic medicine in Ecuador. Molecular Genetics & Genomic Medicine, 2016, 4, 9-17.	0.6	12
47	Positive association of the androgen receptor CAG repeat length polymorphism with the risk of prostate cancer. Molecular Medicine Reports, 2016, 14, 1791-1798.	1.1	14
48	Efficient and biologically relevant consensus strategy for Parkinsonâ€™s disease gene prioritization. BMC Medical Genomics, 2016, 9, 12.	0.7	29
49	The Genetic History of Peruvian Quechuaâ€Łamistas and Chankas: Uniparental DNA Patterns among Autochthonous Amazonian and Andean Populations. Annals of Human Genetics, 2016, 80, 88-101.	0.3	29
50	Analysis and Implementation of an Electronic Laboratory Notebook in a Biomedical Research Institute. PLoS ONE, 2016, 11, e0160428.	1.1	24
51	Ligand-Based Virtual Screening Using Tailored Ensembles: A Prioritization Tool for Dual A_{2A} Adenosine Receptor Antagonists / Monoamine Oxidase B Inhibitors. Current Pharmaceutical Design, 2016, 22, 3082-3096.	0.9	13
52	Probing the Hypothesis of SAR Continuity Restoration by the Removal of Activity Cliffs Generators in QSAR. Current Pharmaceutical Design, 2016, 22, 5043-5056.	0.9	7
53	Positive Association of the Cathepsin D Ala224Val Gene Polymorphism With the Risk of Alzheimer's Disease. American Journal of the Medical Sciences, 2015, 350, 296-301.	0.4	24
54	Unravelling the relationship between protein sequence and low-complexity regions entropies: Interactome implications. Journal of Theoretical Biology, 2015, 382, 320-327.	0.8	1

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55	Breast cancer risk associated with gene expression and genotype polymorphisms of the folate-metabolizing MTHFR gene: a case-control study in a high altitude Ecuadorian mestizo population. Tumor Biology, 2015, 36, 6451-6461.	0.8	31
56	Y STRs mutation events in father-son pairs in Ecuadorian individuals. Forensic Science International: Genetics Supplement Series, 2015, 5, e310-e311.	0.1	2
57	Analysis of the most efficient autosomal strs and genetic data for the locus se33 in ecuadorian population. Forensic Science International: Genetics Supplement Series, 2015, 5, e93-e95.	0.1	4
58	Development of a multiplex system for identifying individuals of Andean Condor (Vultur gryphus). Forensic Science International: Genetics Supplement Series, 2015, 5, e228-e230.	0.1	2
59	Harmonization of QSAR Best Practices and Molecular Docking Provides an Efficient Virtual Screening Tool for Discovering New G-Quadruplex Ligands. Journal of Chemical Information and Modeling, 2015, 55, 2094-2110.	2.5	20
60	Frequency of GJB2 and del(GJB6-D13S1830) mutations among an Ecuadorian mestizo population. International Journal of Pediatric Otorhinolaryngology, 2014, 78, 1648-1654.	0.4	11
61	Estado de la mutaciÃ³n del gen IT-15 (HTT) en familias ecuatorianas con enfermedad de Huntington. Archivos - Instituto Nacional De NeurologÃa Y NeurocirugÃa, 2014, 19, 73-78.	0.1	1
62	Characterization and Haplotype analysis of 11 Y-STR loci in Ecuadorian population. Forensic Science International: Genetics Supplement Series, 2013, 4, e310-e311.	0.1	5
63	Genetic Polymorphisms in MTHFR (C677T, A1298C), MTR (A2756G) and MTRR (A66G) Genes Associated With Pathological Characteristics of Prostate Cancer in the Ecuadorian Population. American Journal of the Medical Sciences, 2013, 346, 447-454.	0.4	38
64	Cytogenetic and Molecular Characterization of Hematological Neoplasm in an Ecuadorian Population. Open Journal of Blood Diseases, 2013, 03, 108-115.	0.1	3
65	Alterations and Chromosomal Variants in the Ecuadorian Population. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-5.	3.0	4
66	Genotoxicity Studies Performed in the Ecuadorian Population. Molecular Biology International, 2012, 2012, 1-10.	1.7	3
67	. Medical and Human Genetics in Ecuador. , 2012, , 1199-1208.		1
68	Baseline determination in social, health, and genetic areas in communities affected by glyphosate aerial spraying on the northeastern Ecuadorian border. Reviews on Environmental Health, 2011, 26, 45-51.	1.1	19
69	A new subhaplogroup of native American Y-Chromosomes from the Andes. American Journal of Physical Anthropology, 2011, 146, 553-559.	2.1	38
70	Genetic Polymorphisms in Apolipoprotein E and Glutathione Peroxidase 1 Genes in the Ecuadorian Population Affected With Alzheimerâ€™s Disease. American Journal of the Medical Sciences, 2010, 340, 373-377.	0.4	29
71	Incidence of the L858R and G719S mutations of the epidermal growth factor receptor oncogene in an Ecuadorian population with lung cancer. Cancer Genetics and Cytogenetics, 2010, 196, 201-203.	1.0	12
72	Relationship of an hRAD54 gene polymorphism (2290 C/T) in an Ecuadorian population with chronic myelogenous leukemia. Genetics and Molecular Biology, 2010, 33, 646-649.	0.6	7

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73	High altitude and microtia in Ecuadorian patients. Journal of Neonatal-Perinatal Medicine, 2010, 3, 109-116.	0.4	21
74	Association among polymorphisms in the steroid 5Î±-reductase type II (SRD5A2) gene, prostate cancer risk, and pathologic characteristics of prostate tumors in an Ecuadorian population. Cancer Genetics and Cytogenetics, 2009, 189, 71-76.	1.0	19
75	Frequency of Polymorphisms pro198leu in <I>GPX-1</I> Gene and ile58thr in <I>MnSOD</I> Gene in the Altitude Ecuadorian Population With Bladder Cancer. Oncology Research, 2009, 18, 395-400.	0.6	39
76	Monitoring of DNA Damage in Individuals Exposed to Petroleum Hydrocarbons in Ecuador. Annals of the New York Academy of Sciences, 2008, 1140, 121-128.	1.8	26
77	Evaluation of DNA damage in an Ecuadorian population exposed to glyphosate. Genetics and Molecular Biology, 2007, 30, 456-460.	0.6	55
78	Follow-up Study of Patients Diagnosed with Chronic Myelogenous Leukemia Treated with STI 571 in Ecuador. Archives of Medical Research, 2007, 38, 364-365.	1.5	1
79	Genetics and Congenital Malformations: Interpretations, Attitudes and Practices in Suburban Communities and the Shamans of Ecuador. Public Health Genomics, 2006, 9, 268-273.	0.6	8
80	Analysis of HFE gene mutations (C282Y, H63D, and S65C) in the Ecuadorian population. Annals of Hematology, 2005, 84, 103-105.	0.8	20
81	CYP1A1 Genetic Polymorphisms in Ecuador, South America. Disease Markers, 2005, 21, 57-59.	0.6	3
82	CCR5Î”, CCR2-64I, and SDF1-3'A Polymorphisms Related to Resistance to HIV-1 Infection and Disease in the Ecuadoran Population. Human Biology, 2005, 77, 521-526.	0.4	3
83	Genetic Services in Ecuador. Public Health Genomics, 2004, 7, 137-141.	0.6	6
84	Chromosome and DNA damage analysis in individuals occupationally exposed to pesticides with relation to genetic polymorphism for CYP 1A1gene in Ecuador. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 562, 77-89.	0.9	32
85	Two new mutations and three novel polymorphisms in the RB1 gene in Ecuadorian patients. Journal of Human Genetics, 2003, 48, 639-641.	1.1	12
86	Implications of a RAD54L polymorphism (2290C/T) in human meningiomas as a risk factor and/or a genetic marker. BMC Cancer, 2003, 3, 6.	1.1	27
87	B3/A3 Rearrangement in a Patient with Chronic Myeloid Leukemia. Leukemia and Lymphoma, 2003, 44, 375-376.	0.6	7
88	Analysis of the Polymorphism [gIVS12-6Tâ‰«C] in the hMSH2 Gene in Lymphoma and Leukemia. Leukemia and Lymphoma, 2003, 44, 505-508.	0.6	12
89	Should gaps be included in chromosomal aberration analysis?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 516, 57-61.	0.9	50
90	Cytogenetic monitoring in a population occupationally exposed to pesticides in Ecuador.. Environmental Health Perspectives, 2002, 110, 1077-1080.	2.8	52

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91	BCR-ABL rearrangement frequencies in chronic myeloid leukemia and acute lymphoblastic leukemia in Ecuador, South America. Cancer Genetics and Cytogenetics, 2002, 132, 65-67.	1.0	32
92	A polymorphism in the hMSH2 gene (gIVS12-6T>C) associated with non-Hodgkin lymphomas. Cancer Genetics and Cytogenetics, 2002, 133, 29-33.	1.0	28
93	Low incidence of follicular lymphoma and t(14;18)(q32;q21) by polymerase chain reaction analysis. Cancer Genetics and Cytogenetics, 2002, 137, 72-74.	1.0	7
94	Cytogenetic Monitoring in a Population Occupationally Exposed to Pesticides in Ecuador. Environmental Health Perspectives, 2002, 110, 1077-1080.	2.8	66
95	Telomeric associations in cigarette smokers exposed to low levels of X-rays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 490, 77-80.	0.9	11
96	Three novel somatic mutations in theNF2 tumor suppressor gene [g816T>A; g1159A>G; gIVS11-1G>T]. , 2000, 15, 487-487.		2
97	The ?F508 mutation in Ecuador, South America. , 1999, 14, 348-350.		18
98	Comparative study of chromosome aberrations induced with aphidicolin in women affected by breast cancer and cervix uterine cancer. Cancer Genetics and Cytogenetics, 1997, 94, 120-124.	1.0	15
99	Telomeric association in women with breast and uterine cervix cancer. Cancer Genetics and Cytogenetics, 1997, 98, 115-118.	1.0	10
100	Follow up study of chromosome aberrations in lymphocytes in hospital workers occupationally exposed to low levels of ionizing radiation. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1995, 335, 245-251.	0.4	26
101	Chromosome fragility in lymphocytes of women with cervical uterine lesions produced by human papillomavirus. Cancer Genetics and Cytogenetics, 1992, 59, 173-176.	1.0	15
102	Ring chromosome 6: Clinical and cytogenetic behaviour. American Journal of Medical Genetics Part A, 1990, 35, 481-483.	2.4	17