

# Andrs Lpez-Corts

## List of Publications by Citations

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83  
papers

1,053  
citations

17  
h-index

31  
g-index

103  
ext. papers

1,578  
ext. citations

3.1  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
83	SARS-CoV-2 vaccines strategies: a comprehensive review of phase 3 candidates. <i>Npj Vaccines</i> , <b>2021</b> , 6, 28	9.5	229
82	Clinical, molecular, and epidemiological characterization of the SARS-CoV-2 virus and the Coronavirus Disease 2019 (COVID-19), a comprehensive literature review. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2020</b> , 98, 115094	2.9	152
81	Analysis of Racial/Ethnic Representation in Select Basic and Applied Cancer Research Studies. <i>Scientific Reports</i> , <b>2018</b> , 8, 13978	4.9	53
80	Epidemiological, socio-demographic and clinical features of the early phase of the COVID-19 epidemic in Ecuador. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0008958	4.8	40
79	Frequency of polymorphisms pro198leu in GPX-1 gene and ile58thr in MnSOD gene in the altitude Ecuadorian population with bladder cancer. <i>Oncology Research</i> , <b>2010</b> , 18, 395-400	4.8	34
78	Genetic polymorphisms in MTHFR (C677T, A1298C), MTR (A2756G) and MTRR (A66G) genes associated with pathological characteristics of prostate cancer in the Ecuadorian population. <i>American Journal of the Medical Sciences</i> , <b>2013</b> , 346, 447-54	2.2	30
77	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. <i>Tumor Biology</i> , <b>2015</b> , 36, 6451-61	2.9	28
76	Genetic polymorphisms in apolipoprotein E and glutathione peroxidase 1 genes in the Ecuadorian population affected with Alzheimer's disease. <i>American Journal of the Medical Sciences</i> , <b>2010</b> , 340, 373-7 <sup>2.2</sup>	2.2	26
75	Post-transcriptional Regulation of Colorectal Cancer: A Focus on RNA-Binding Proteins. <i>Frontiers in Molecular Biosciences</i> , <b>2019</b> , 6, 65	5.6	24
74	Salivary MicroRNAs for Early Detection of Head and Neck Squamous Cell Carcinoma: A Case-Control Study in the High Altitude Mestizo Ecuadorian Population. <i>BioMed Research International</i> , <b>2018</b> , 2018, 9792730	3	24
73	Perception of the usefulness of drug/gene pairs and barriers for pharmacogenomics in Latin America. <i>Current Drug Metabolism</i> , <b>2014</b> , 15, 202-8	3.5	23
72	Drugs Repurposing Using QSAR, Docking and Molecular Dynamics for Possible Inhibitors of the SARS-CoV-2 M Protease. <i>Molecules</i> , <b>2020</b> , 25,	4.8	23
71	Mutational Analysis of Oncogenic AKT1 Gene Associated with Breast Cancer Risk in the High Altitude Ecuadorian Mestizo Population. <i>BioMed Research International</i> , <b>2018</b> , 2018, 7463832	3	22
70	Monitoring of DNA damage in individuals exposed to petroleum hydrocarbons in Ecuador. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1140, 121-8	6.5	21
69	Gene prioritization, communality analysis, networking and metabolic integrated pathway to better understand breast cancer pathogenesis. <i>Scientific Reports</i> , <b>2018</b> , 8, 16679	4.9	19
68	The three-hybrid genetic composition of an Ecuadorian population using AIMs-InDels compared with autosomes, mitochondrial DNA and Y chromosome data. <i>Scientific Reports</i> , <b>2019</b> , 9, 9247	4.9	17
67	OncoOmics approaches to reveal essential genes in breast cancer: a panoramic view from pathogenesis to precision medicine. <i>Scientific Reports</i> , <b>2020</b> , 10, 5285	4.9	17

66	Positive Association of the Cathepsin D Ala224Val Gene Polymorphism With the Risk of Alzheimer's Disease. <i>American Journal of the Medical Sciences</i> , <b>2015</b> , 350, 296-301	2.2	17
65	State of Art of Cancer Pharmacogenomics in Latin American Populations. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	16
64	Baseline determination in social, health, and genetic areas in communities affected by glyphosate aerial spraying on the northeastern Ecuadorian border. <i>Reviews on Environmental Health</i> , <b>2011</b> , 26, 45-53 <sup>3.8</sup>		15
63	Clinical, Molecular and Epidemiological Characterization of the SARS-CoV2 Virus and the Coronavirus Disease 2019 (COVID-19): A Comprehensive Literature Review		13
62	Positive association of the androgen receptor CAG repeat length polymorphism with the risk of prostate cancer. <i>Molecular Medicine Reports</i> , <b>2016</b> , 14, 1791-8	2.9	12
61	Prediction of breast cancer proteins involved in immunotherapy, metastasis, and RNA-binding using molecular descriptors and artificial neural networks. <i>Scientific Reports</i> , <b>2020</b> , 10, 8515	4.9	12
60	Frequency of GJB2 and del(GJB6-D13S1830) mutations among an Ecuadorian mestizo population. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2014</b> , 78, 1648-54	1.7	11
59	Incidence of the L858R and G719S mutations of the epidermal growth factor receptor oncogene in an Ecuadorian population with lung cancer. <i>Cancer Genetics and Cytogenetics</i> , <b>2010</b> , 196, 201-3		11
58	Interim Analysis of Pandemic Coronavirus Disease 2019 (COVID-19) and the SARS-CoV-2 virus in Latin America and the Caribbean: Morbidity, Mortality and Molecular Testing Trends in the Region		11
57	Pharmacogenomics, biomarker network, and allele frequencies in colorectal cancer. <i>Pharmacogenomics Journal</i> , <b>2020</b> , 20, 136-158	3.5	11
56	Epidemiological, socio-demographic and clinical features of the early phase of the COVID-19 epidemic in Ecuador		10
55	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. <i>Pathology and Oncology Research</i> , <b>2018</b> , 24, 457-465	2.6	9
54	Acute respiratory distress syndrome (ARDS) caused by the novel coronavirus disease (COVID-19): a practical comprehensive literature review. <i>Expert Review of Respiratory Medicine</i> , <b>2021</b> , 15, 183-195	3.8	8
53	A quick guide for using Microsoft OneNote as an electronic laboratory notebook. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006918	5	7
52	Relationship of an hRAD54 gene polymorphism (2290 C/T) in an Ecuadorian population with chronic myelogenous leukemia. <i>Genetics and Molecular Biology</i> , <b>2010</b> , 33, 646-9	2	7
51	Genotoxic and Carcinogenic Potential of Compounds Associated with Electronic Cigarettes: A Systematic Review. <i>BioMed Research International</i> , <b>2019</b> , 2019, 1386710	3	7
50	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. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 598925	5.6	7
49	Ancestry characterization of Ecuador's Highland mestizo population using autosomal AIM-INDELS. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e477-e478	0.5	6

48	Gene Prioritization through Consensus Strategy, Enrichment Methodologies Analysis, and Networking for Osteosarcoma Pathogenesis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
47	Genotyping the High Altitude Mestizo Ecuadorian Population Affected with Prostate Cancer. <i>BioMed Research International</i> , <b>2017</b> , 2017, 3507671	3	6
46	In silico analyses reveal new putative Breast Cancer RNA-binding proteins		6
45	A study of the molecular variants associated with lactase persistence in different Ecuadorian ethnic groups. <i>American Journal of Human Biology</i> , <b>2016</b> , 28, 774-781	2.7	6
44	Association of genetic variants of membrane receptors related to recognition and induction of immune response with Helicobacter pylori infection in Ecuadorian individuals. <i>International Journal of Immunogenetics</i> , <b>2014</b> , 41, 281-8	2.3	5
43	Oncology and Pharmacogenomics Insights in Polycystic Ovary Syndrome: An Integrative Analysis. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 585130	5.7	5
42	Tracking SARS-CoV-2: Novel Trends and Diagnostic Strategies. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	4
41	Prediction of druggable proteins using machine learning and functional enrichment analysis: a focus on cancer-related proteins and RNA-binding proteins		4
40	A Multi-Objective Approach for Anti-Osteosarcoma Cancer Agents Discovery through Drug Repurposing. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	4
39	Vaccine market and production capabilities in the Americas. <i>Tropical Diseases, Travel Medicine and Vaccines</i> , <b>2021</b> , 7, 11	3.2	4
38	Acute Respiratory Distress Syndrome (ARDS) Caused by the Novel Coronavirus Disease (COVID-19): A Practical Comprehensive Literature Review		3
37	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		3
36	Molecular analysis of ancestry informative markers (AIMs-INDELs) in a high altitude Ecuadorian mestizo population affected with breast cancer. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e231-e232	0.5	2
35	Development of a multiplex system for identifying individuals of Andean Condor ( Vultur gryphus ). <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e228-e230	0.5	2
34	Positive Association between the Polymorphic Variant CCND1 A870G and Colorectal Cancer in Ecuadorian Mestizo Population. <i>Journal of Cancer Research Updates</i> , <b>2015</b> , 4, 163-170	1	2
33	OncoOmics approaches to reveal essential genes in breast cancer: a panoramic view from pathogenesis to precision medicine		2
32	Prediction of breast cancer proteins using molecular descriptors and artificial neural networks: a focus on cancer immunotherapy proteins, metastasis driver proteins, and RNA-binding proteins		2
31	Multi-institutional experience of genetic diagnosis in Ecuador: National registry of chromosome alterations and polymorphisms. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1087	2.3	2

30	TCGA Pan-Cancer Genomic Analysis of Alternative Lengthening of Telomeres (ALT) Related Genes. <i>Genes</i> , <b>2020</b> , 11,	4.2	2
29	Clinical, genomics and networking analyses of a high-altitude native American Ecuadorian patient with congenital insensitivity to pain with anhidrosis: a case report. <i>BMC Medical Genomics</i> , <b>2020</b> , 13, 113	3.7	2
28	Study of the Huntington's disease IT-15 gene in different ethnic groups in Ecuador. <i>Clinical Genetics</i> , <b>2017</b> , 92, 544-547	4	1
27	De Novo Duplication of Chromosome 9p in a Female Infant: Phenotype and Genotype Correlation. <i>Journal of Pediatric Genetics</i> , <b>2020</b> , 9, 69-75	0.7	1
26	Genetic variation of high-altitude Ecuadorian population using autosomal STR markers. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 62-64	0.5	1
25	Metastatic signaling of hypoxia-related genes across TCGA Pan-Cancer types		1
24	Pharmacogenomics, biomarker network and allele frequencies in colorectal cancer		1
23	A deep analysis using panel-based next-generation sequencing in an Ecuadorian pediatric patient with anaplastic astrocytoma: a case report. <i>Journal of Medical Case Reports</i> , <b>2020</b> , 14, 136	1.2	1
22	A New Insight for the Identification of Oncogenic Variants in Breast and Prostate Cancers in Diverse Human Populations, With a Focus on Latinos. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 630658	5.6	1
21	Mitochondrial DNA study in the Shuar ethnic group from Ecuador. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 142-143	0.5	1
20	Cytogenetic and genomic analysis of a patient with turner syndrome and t(2;12): a case report. <i>Molecular Cytogenetics</i> , <b>2020</b> , 13, 46	2	0
19	Identification of key proteins in the signaling crossroads between wound healing and cancer hallmark phenotypes. <i>Scientific Reports</i> , <b>2021</b> , 11, 17245	4.9	0
18	Pulmonary Inflammatory Response in Lethal COVID-19 Reveals Potential Therapeutic Targets and Drugs in Phases III/IV Clinical Trials.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 833174	5.6	0
17	Ancestry study in Ecuadorian population with multiple myeloma. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e435-e436	0.5	
16	Evaluation of ancestral membership proportions and genotype distribution in the perception of Umami taste in Ecuadorian mestizos. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e171-e172	0.5	
15	Ancestral analysis of a Native American Ecuadorian family with congenital insensitivity to pain with anhidrosis. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 126-128	0.5	
14	Perturbation-Theory Machine Learning (PTML) Multilabel Model of the ChEMBL Dataset of Preclinical Assays for Antisarcoma Compounds. <i>ACS Omega</i> , <b>2020</b> , 5, 27211-27220	3.9	
13	Characterization of Ancestral Origin of Cystic Fibrosis of Patients with New Reported Mutations in CFTR. <i>BioMed Research International</i> , <b>2020</b> , 2020, 9074760	3	

- 12 Allele frequency data for 15 autosomal strs and ancestral proportions using aims-indels in the shuar ethnic group from Ecuador. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 65-67 0.5
- 11 15q Duplication Syndrome: Report on the First Patient from Ecuador with an Unusual Clinical Presentation. *Case Reports in Medicine*, **2021**, 2021, 6662054 0.7
- 10 Genes involved in damage response caused by UV radiation in Ecuadorian population of different altitude regions. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 140-141 0.5
- 9 Molecular variants associated with flavor perceptions and ancestral proportions of Ecuadorian populations. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 59-61 0.5
- 8 Epidemiological, socio-demographic and clinical features of the early phase of the COVID-19 epidemic in Ecuador **2021**, 15, e0008958
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