

Augusto Rojas-Martinez

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,890
citations

172457

29
h-index

197818

49
g-index

112
all docs

112
docs citations

112
times ranked

5191
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel genes and sex differences in COVID-19 severity. <i>Human Molecular Genetics</i> , 2022, 31, 3789-3806.	2.9	38
2	Preparing the workforce for genomic medicine: International challenges and strategies. , 2022, , 131-139.		1
3	Serological Test to Determine Exposure to SARS-CoV-2: ELISA Based on the Receptor-Binding Domain of the Spike Protein (S-RBDN318-V510) Expressed in <i>Escherichia coli</i> . <i>Diagnostics</i> , 2021, 11, 271.	2.6	17
4	Extending the allelic spectrum at noncoding risk loci of orofacial clefting. <i>Human Mutation</i> , 2021, 42, 1066-1078.	2.5	3
5	Spatial interaction between breast cancer and environmental pollution in the Monterrey Metropolitan Area. <i>Heliyon</i> , 2021, 7, e07915.	3.2	4
6	The genomic landscape of Mexican Indigenous populations brings insights into the peopling of the Americas. <i>Nature Communications</i> , 2021, 12, 5942.	12.8	28
7	High Iodine Urinary Concentration Is Associated with High TSH Levels but Not with Nutrition Status in Schoolchildren of Northeastern Mexico. <i>Nutrients</i> , 2021, 13, 3975.	4.1	1
8	DNA Repair Genes as Drug Candidates for Early Breast Cancer Onset in Latin America: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13030.	4.1	0
9	CAR-NK Cells for Cancer Therapy: Molecular Redesign of the Innate Antineoplastic Response. <i>Current Gene Therapy</i> , 2021, 22, .	2.0	11
10	Global expression profile and global genome methylation signatures in male patients with androgenetic alopecia. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, e216-e218.	2.4	2
11	Genetic variants in CYP2A6 and UGT1A9 genes associated with urinary nicotine metabolites in young Mexican smokers. <i>Pharmacogenomics Journal</i> , 2020, 20, 586-594.	2.0	5
12	Differential admixture in Latin American populations and its impact on the study of colorectal cancer. <i>Genetics and Molecular Biology</i> , 2020, 43, e20200143.	1.3	0
13	Polymorphisms -455G/A and -148C/T and Fibrinogen Plasmatic Level as Risk Markers of Coronary Disease and Major Adverse Cardiovascular Events. <i>Disease Markers</i> , 2019, 2019, 1-7.	1.3	5
14	<i>CAPN1</i> Variants as Cause of Hereditary Spastic Paraplegia Type 76. <i>Case Reports in Neurological Medicine</i> , 2019, 2019, 1-5.	0.4	3
15	Spatial Clusters of Children with Cleft Lip and Palate and Their Association with Polluted Zones in the Monterrey Metropolitan Area. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2488.	2.6	12
16	Landscape of Germline Mutations in DNA Repair Genes for Breast Cancer in Latin America: Opportunities for PARP-Like Inhibitors and Immunotherapy. <i>Genes</i> , 2019, 10, 786.	2.4	13
17	The Tumor-on-Chip: Recent Advances in the Development of Microfluidic Systems to Recapitulate the Physiology of Solid Tumors. <i>Materials</i> , 2019, 12, 2945.	2.9	103
18	Advantages of adipose tissue stem cells over CD34+ mobilization to decrease hepatic fibrosis in Wistar rats. <i>Annals of Hepatology</i> , 2019, 18, 620-626.	1.5	12

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19	A Bioactive Cartilage Graft of IGF1-Transduced Adipose Mesenchymal Stem Cells Embedded in an Alginate/Bovine Cartilage Matrix Tridimensional Scaffold. <i>Stem Cells International</i> , 2019, 2019, 1-15.	2.5	5
20	Genetic alterations of triple negative breast cancer (TNBC) in women from Northeastern Mexico. <i>Oncology Letters</i> , 2019, 17, 3581-3588.	1.8	11
21	Prostaglandins in androgenetic alopecia in 12 men and four female. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, e214-e215.	2.4	9
22	Non-Syndromic Cleft Lip with or without Cleft Palate: Genome-Wide Association Study in Europeans Identifies a Suggestive Risk Locus at 16p12.1 and Supports SH3PXD2A as a Clefing Susceptibility Gene. <i>Genes</i> , 2019, 10, 1023.	2.4	26
23	Exome sequencing reveals three homozygous missense variants in <i>SNRPA</i> in two sisters with syndromic intellectual disability. <i>Clinical Genetics</i> , 2018, 93, 1229-1233.	2.0	2
24	Effect on growth and osteoblast mineralization of hydroxyapatite-zirconia (HA-ZrO ₂) obtained by a new low temperature system. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 035001.	3.3	13
25	<i>MRPL53</i> , a New Candidate Gene for Orofacial Clefting, Identified Using an eQTL Approach. <i>Journal of Dental Research</i> , 2018, 97, 33-40.	5.2	8
26	Evaluation of the Expression of Genes Associated with Inflammation and Apoptosis in Androgenetic Alopecia by Targeted RNA-Seq. <i>Skin Appendage Disorders</i> , 2018, 4, 268-273.	1.0	10
27	Uncommon runs of homozygosity disclose homozygous missense mutations in two ciliopathy-related genes (<i>SPAG17</i> and <i>WDR35</i>) in a patient with multiple brain and skeletal anomalies. <i>European Journal of Medical Genetics</i> , 2018, 61, 161-167.	1.3	13
28	Interethnic Variability in <i>CYP2D6</i> , <i>CYP2C9</i> , and <i>CYP2C19</i> Genes and Predicted Drug Metabolism Phenotypes Among 6060 Ibero- and Native Americans: RIBEF-CEIBA Consortium Report on Population Pharmacogenomics. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 575-588.	2.0	32
29	Comparison of specific expression profile in two <i>in vitro</i> hypoxia models. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4777-4784.	1.8	8
30	Genetic and molecular aspects of androgenetic alopecia. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2018, 84, 263.	0.6	41
31	Imputation of Orofacial Clefting Data Identifies Novel Risk Loci and Sheds Light on the Genetic Background of Cleft Lip ± Cleft Palate and Cleft Palate Only.. <i>Human Molecular Genetics</i> , 2017, 26, ddx012.	2.9	84
32	Prevalence and 3-year persistence of human papillomavirus serotypes in asymptomatic patients in Northern Mexico. <i>International Journal of Gynecology and Obstetrics</i> , 2017, 136, 40-46.	2.3	5
33	Adenoviral-bone morphogenetic protein-7 and/or doxazosin therapies promote the reversion of fibrosis/cirrhosis in a cirrhotic hamster model. <i>Molecular Medicine Reports</i> , 2017, 16, 9431-9440.	2.4	8
34	Thymidylate synthase gene variants as predictors of clinical response and toxicity to fluoropyrimidine-based chemotherapy for colorectal cancer. <i>Drug Metabolism and Personalized Therapy</i> , 2017, 32, 209-218.	0.6	11
35	Immunotherapy and gene therapy as novel treatments for cancer. , 2017, v48, 138-147.		22
36	A New Gene Expression Signature for Triple-Negative Breast Cancer using Frozen Fresh Tissue before Neoadjuvant chemotherapy. <i>Molecular Medicine</i> , 2017, 23, 101-111.	4.4	41

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37	Implant Composed of Demineralized Bone and Mesenchymal Stem Cells Genetically Modified with AdBMP2/AdBMP7 for the Regeneration of Bone Fractures in <i>Ovis aries</i> . <i>Stem Cells International</i> , 2016, 2016, 1-12.	2.5	11
38	Meta-analysis Reveals Genome-Wide Significance at 15q13 for Nonsyndromic Clefting of Both the Lip and the Palate, and Functional Analyses Implicate GREM1 As a Plausible Causative Gene. <i>PLoS Genetics</i> , 2016, 12, e1005914.	3.5	66
39	Draft Genome Sequence of an Atypical Strain of <i>Streptococcus pneumoniae</i> Serotype 19A Isolated from Cerebrospinal Fluid. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
40	Preclinical trial on the use of doxycycline for the treatment of adenocarcinoma of the duodenum. <i>Molecular and Clinical Oncology</i> , 2016, 5, 657-659.	1.0	10
41	The anti-dengue virus properties of statins may be associated with alterations in the cellular antiviral profile expression. <i>Molecular Medicine Reports</i> , 2016, 14, 2155-2163.	2.4	28
42	Human papillomavirus type 2 associated with pyogenic granuloma in patients without clinical evidence of warts. <i>International Journal of Dermatology</i> , 2016, 55, 745-750.	1.0	5
43	Abstract P6-03-20: Gene expression profile of triple negative breast cancer in patients highlight biomarkers involved in cell metabolism. , 2016, , .		0
44	History and progress of antiviral drugs: From acyclovir to direct-acting antiviral agents (DAAs) for Hepatitis C. <i>Medicina Universitaria</i> , 2015, 17, 165-174.	0.1	32
45	Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1. <i>Scientific Reports</i> , 2015, 5, 17369.	3.3	35
46	Circulating microRNA expression profile in B-cell acute lymphoblastic leukemia. <i>Cancer Biomarkers</i> , 2015, 15, 299-310.	1.7	39
47	Ionizing radiation-induced DNA injury and damage detection in patients with breast cancer. <i>Genetics and Molecular Biology</i> , 2015, 38, 420-432.	1.3	179
48	Identification of Differentially Expressed Genes Associated with Prognosis of B Acute Lymphoblastic Leukemia. <i>Disease Markers</i> , 2015, 2015, 1-11.	1.3	16
49	Clinical and molecular delineation of duplication 9p24.3q21.11 in a patient with psychotic behavior. <i>Gene</i> , 2015, 560, 124-127.	2.2	10
50	Differential Expression of Adhesion-Related Proteins and MAPK Pathways Lead to Suitable Osteoblast Differentiation of Human Mesenchymal Stem Cells Subpopulations. <i>Stem Cells and Development</i> , 2015, 24, 2577-2590.	2.1	14
51	Interethnic relationships of <i>CYP2D6</i> variants in native and Mestizo populations sharing the same ecosystem. <i>Pharmacogenomics</i> , 2015, 16, 703-712.	1.3	13
52	CYP2D6 in Amerindians from Southern Mexico: low variability and higher frequency of functional alleles. <i>Drug Metabolism and Personalized Therapy</i> , 2015, 30, 231-8.	0.6	1
53	Confidentiality and data sharing: vulnerabilities of the Mexican Genomics Sovereignty Act. <i>Journal of Community Genetics</i> , 2015, 6, 313-319.	1.2	5
54	Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk. <i>Human Molecular Genetics</i> , 2015, 24, 1478-1492.	2.9	50

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55	A tribute to Jos�� Mar��a ("Chema") Cant��. <i>Genetics and Molecular Biology</i> , 2014, 37, 310-314.	1.3	4
56	RELAGH - the challenge of having a scientific network in Latin America: an account from the presidents. <i>Genetics and Molecular Biology</i> , 2014, 37, 305-309.	1.3	4
57	Impact of NGS in the medical sciences: genetic syndromes with an increased risk of developing cancer as an example of the use of new technologies. <i>Genetics and Molecular Biology</i> , 2014, 37, 241-249.	1.3	12
58	Evaluating eight newly identified susceptibility loci for nonsyndromic cleft lip with or without cleft palate in a Mesoamerican population. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 43-47.	1.6	16
59	Enhancement of Ad-CRT/E7-Mediated Antitumor Effect by Preimmunization with <i>L. lactis</i> Expressing HPV-16 E7. <i>Viral Immunology</i> , 2014, 27, 463-467.	1.3	17
60	Strong Association of Variants around <i>FOXE1</i> and Orofacial Clefting. <i>Journal of Dental Research</i> , 2014, 93, 376-381.	5.2	51
61	The Tumor Necrosis Factor $\hat{\pm}$ (-308 A/G) Polymorphism Is Associated with Cystic Fibrosis in Mexican Patients. <i>PLoS ONE</i> , 2014, 9, e90945.	2.5	6
62	Delineation of a de novo 7q21.3q31.1 Deletion by CGH-SNP Arrays in a Girl with Multiple Congenital Anomalies Including Severe Glaucoma. <i>Molecular Syndromology</i> , 2013, 4, 285-291.	0.8	7
63	Intraprostatic distribution and long-term follow-up after AdV-tk immunotherapy as neoadjuvant to surgery in patients with prostate cancer. <i>Cancer Gene Therapy</i> , 2013, 20, 642-649.	4.6	33
64	De novo MECP2 disomy in a Mexican male carrying a supernumerary marker chromosome and no typical Lubs syndrome features. <i>Gene</i> , 2013, 524, 381-385.	2.2	2
65	Positive association between vascular endothelial growth factor (VEGF) -2578 C/A variant and prostate cancer. <i>Cancer Biomarkers</i> , 2013, 13, 235-241.	1.7	19
66	<i>CYP2D6</i> -1584C>G promoter polymorphism and debrisoquine ultrarapid hydroxylation in healthy volunteers. <i>Pharmacogenomics</i> , 2013, 14, 1973-1977.	1.3	23
67	Analyses of chondrogenic induction of adipose mesenchymal stem cells by combined co-stimulation mediated by adenoviral gene transfer. <i>Arthritis Research and Therapy</i> , 2013, 15, R80.	3.5	38
68	Human Bone Morphogenetic Protein 2 Transduced Mesenchymal Stem Cells Improve Bone Regeneration in a Model of Mandible Distraction Surgery. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 392-396.	0.7	45
69	Tumor necrosis factor $\hat{\pm}$ -308C/A polymorphism is associated with active vitiligo vulgaris in a northeastern Mexican population. <i>Experimental and Therapeutic Medicine</i> , 2012, 3, 893-897.	1.8	16
70	A de novo sSMC(22) Characterized by High-Resolution Arrays in a Girl with Cat-Eye Syndrome without Coloboma. <i>Molecular Syndromology</i> , 2012, 3, 131-135.	0.8	6
71	Evaluating SKI as a candidate gene for non-syndromic cleft lip with or without cleft palate. <i>European Journal of Oral Sciences</i> , 2012, 120, 373-377.	1.5	6
72	Losartan hydroxylation phenotype in an Ecuadorian population: influence of <i>CYP2C9</i> genetic polymorphism, habits and gender. <i>Pharmacogenomics</i> , 2012, 13, 1711-1717.	1.3	28

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73	Human variome project country nodes: Documenting genetic information within a country. Human Mutation, 2012, 33, 1513-1519.	2.5	10
74	Antitumor effect of meclofenamic acid on human androgen-independent prostate cancer: a preclinical evaluation. International Urology and Nephrology, 2012, 44, 471-477.	1.4	31
75	. Anthropological and Medical Implications of Genetic Admixture in the Mexican Mestizo Population. , 2012, , 1192-1198.		0
76	Analysis of DNA Mismatch Repair Proteins Expression and BRAF V600E Mutation in a Subset of Early- and Late-onset Colorectal Carcinoma Patients in Mexico. Archives of Medical Research, 2011, 42, 457-462.	3.3	8
77	No association between polymorphisms/haplotypes of the vascular endothelial growth factor gene and preeclampsia. BMC Pregnancy and Childbirth, 2011, 11, 35.	2.4	32
78	An XMRV Derived Retroviral Vector as a Tool for Gene Transfer. Virology Journal, 2011, 8, 284.	3.4	2
79	Identification of viral infections in the prostate and evaluation of their association with cancer. BMC Cancer, 2010, 10, 326.	2.6	81
80	Intracoronary infusion of CD133+ endothelial progenitor cells improves heart function and quality of life in patients with chronic post-infarct heart insufficiency. Cardiovascular Revascularization Medicine, 2010, 11, 72-78.	0.8	40
81	Genetic risk factors for nonsyndromic cleft lip with or without cleft palate in a Mesoamerican population: Evidence for <i>IRF6</i> and variants at 8q24 and 10q25. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 535-537.	1.6	50
82	Association of chromosome 8q variants with prostate cancer risk in Caucasian and Hispanic men. Carcinogenesis, 2009, 30, 1372-1379.	2.8	41
83	Population based prostate cancer screening in north Mexico reveals a high prevalence of aggressive tumors in detected cases. BMC Cancer, 2009, 9, 91.	2.6	24
84	Association of matrix metalloproteinase-2 gene promoter polymorphism with myocardial infarction susceptibility in a Mexican population. Journal of Genetics, 2009, 88, 249-252.	0.7	15
85	Ancestry informative markers and admixture proportions in northeastern Mexico. Journal of Human Genetics, 2009, 54, 504-509.	2.3	40
86	Oncolytic virotherapy. Annals of Hepatology, 2008, 7, 34-45.	1.5	11
87	Preclinical evaluation of the therapeutic effect of adenoviral vectors in human papillomavirus-dependent neoplasias. Revista De Investigacion Clinica, 2008, 60, 101-6.	0.4	2
88	Difficulties in Mutation Screening of the Plasminogen (PLG) Gene in Patients With Ligneous Conjunctivitis and Severe Hypoplasminogenemiaâ€”Reply. JAMA Ophthalmology, 2007, 125, 1303.	2.4	0
89	A potent replicative delta-24 adenoviral vector driven by the promoter of human papillomavirus 16 that is highly selective for associated neoplasms. Journal of Gene Medicine, 2007, 9, 852-861.	2.8	12
90	Frequency of Protease and Reverse Transcriptase Drug Resistance Mutations in Naïve HIV-Infected Patients. Archives of Medical Research, 2006, 37, 1022-1027.	3.3	13

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91	Ligneous Conjunctivitis in a Mexican Patient With a Mutation in the Plasminogen (PLG) Gene. JAMA Ophthalmology, 2006, 124, 1500.	2.4	4
92	Genomic diversity of human papillomavirus-16, 18, 31, and 35 isolates in a Mexican population and relationship to European, African, and Native American variants. Virology, 2004, 319, 315-323.	2.4	81
93	Association between β 2-adrenoceptor polymorphisms and asthma diagnosis among Mexican adults. Journal of Allergy and Clinical Immunology, 2003, 112, 1095-1100.	2.9	47
94	Del(1)(q23) in a patient with Hutchinson-Gilford progeria. American Journal of Medical Genetics Part A, 2002, 113, 298-301.	2.4	24
95	Histologic and immunohistochemical analysis of tissue response to adenovirus-mediated herpes simplex thymidine kinase gene therapy of ovarian cancer. International Journal of Gynecological Cancer, 2002, 12, 66-73.	2.5	14
96	Adenovirus-mediated thymidine kinase gene therapy for recurrent ovarian cancer: expression of coxsackie-adenovirus receptor and integrins α 3 and α 5. Journal of the Society for Gynecologic Investigation, 2002, 9, 174-180.	1.7	8
97	Adenovirus-Mediated Thymidine Kinase Gene Therapy in Combination with Topotecan for Patients with Recurrent Ovarian Cancer: 2.5-Year Follow-Up. Gynecologic Oncology, 2001, 83, 549-554.	1.4	54
98	Folate Levels and N 5, N 10-Methylenetetrahydrofolate Reductase Genotype (MTHFR) in Mothers of Offspring with Neural Tube Defects. Archives of Medical Research, 2001, 32, 277-282.	3.3	66
99	Molecular analysis of SRY gene in patients with mixed gonadal dysgenesis. Annales De G�n�tologie, 2001, 44, 155-159.	0.4	24
100	CFTR mutations in three Latin American countries. , 2000, 91, 277-279.		12
101	Thymidine kinase gene therapy with concomitant topotecan chemotherapy for recurrent ovarian cancer. Cancer Gene Therapy, 2000, 7, 839-844.	4.6	66
102	Phase I Study of Adenoviral Delivery of the HSV-tk Gene and Ganciclovir Administration in Patients with Recurrent Malignant Brain Tumors. Molecular Therapy, 2000, 1, 195-203.	8.2	266
103	In Situ Gene Therapy for Adenocarcinoma of the Prostate: A Phase I Clinical Trial. Human Gene Therapy, 1999, 10, 1239-1250.	2.7	289
104	Analysis of 16 cystic fibrosis mutations in Mexican patients. , 1997, 69, 380-382.		9
105	Poland-Moebius syndrome in a boy and Poland syndrome in his mother. Clinical Genetics, 1991, 40, 225-228.	2.0	28