Augusto Rojas-Martinez

List of Publications by Year
in descending order

105	2,890	172457	197818
papers	citations	29 h-index	49 g-index

112	112	112	5191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Situ Gene Therapy for Adenocarcinoma of the Prostate: A Phase I Clinical Trial. Human Gene Therapy, 1999, 10, 1239-1250.	2.7	289
2	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
3	Ionizing radiation-induced DNA injury and damage detection in patients with breast cancer. Genetics and Molecular Biology, 2015, 38, 420-432.	1.3	179
4	The Tumor-on-Chip: Recent Advances in the Development of Microfluidic Systems to Recapitulate the Physiology of Solid Tumors. Materials, 2019, 12, 2945.	2.9	103
5	Imputation of Orofacial Clefting Data Identifies Novel Risk Loci and Sheds Light on the Genetic Background of Cleft Lip Â± Cleft Palate and Cleft Palate Only.. Human Molecular Genetics, 2017, 26, ddx012.	2.9	84
6	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
7	Identification of viral infections in the prostate and evaluation of their association with cancer. BMC Cancer, 2010, 10, 326.	2.6	81
8	Thymidine kinase gene therapy with concomitant topotecan chemotherapy for recurrent ovarian cancer. Cancer Gene Therapy, 2000, 7, 839-844.	4.6	66
9	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
10	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. PLoS Genetics, 2016, 12, e1005914.	3.5	66
11	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
12	Strong Association of Variants around FOXE1 and Orofacial Clefting. Journal of Dental Research, 2014, 93, 376-381.	5.2	51
13	Genetic risk factors for nonsyndromic cleft lip with or without cleft palate in a Mesoamerican population: Evidence for IRF6 and variants at 8q24 and 10q25. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 535-537.	1.6	50
14	Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk. Human Molecular Genetics, 2015, 24, 1478-1492.	2.9	50
15	Association between Î²2-adrenoceptor polymorphisms and asthma diagnosis among Mexican adults. Journal of Allergy and Clinical Immunology, 2003, 112, 1095-1100.	2.9	47
16	Human Bone Morphogenetic Protein 2â€“Transduced Mesenchymal Stem Cells Improve Bone Regeneration in a Model of Mandible Distraction Surgery. Journal of Craniofacial Surgery, 2012, 23, 392-396.	0.7	45
17	Association of chromosome 8q variants with prostate cancer risk in Caucasian and Hispanic men. Carcinogenesis, 2009, 30, 1372-1379.	2.8	41
18	A New Gene Expression Signature for Triple-Negative Breast Cancer using Frozen Fresh Tissue before Neoadjuvant chemotherapy. Molecular Medicine, 2017, 23, 101-111.	4.4	41

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19	Genetic and molecular aspects of androgenetic alopecia. Indian Journal of Dermatology, Venereology and Leprology, 2018, 84, 263.	0.6	41
20	Ancestry informative markers and admixture proportions in northeastern Mexico. Journal of Human Genetics, 2009, 54, 504-509.	2.3	40
21	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
22	Circulating microRNA expression profile in B-cell acute lymphoblastic leukemia. Cancer Biomarkers, 2015, 15, 299-310.	1.7	39
23	Analyses of chondrogenic induction of adipose mesenchymal stem cells by combined co-stimulation mediated by adenoviral gene transfer. Arthritis Research and Therapy, 2013, 15, R80.	3.5	38
24	Novel genes and sex differences in COVID-19 severity. Human Molecular Genetics, 2022, 31, 3789-3806.	2.9	38
25	Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1. Scientific Reports, 2015, 5, 17369.	3.3	35
26	Intraprostatic distribution and long-term follow-up after AdV-tk immunotherapy as neoadjuvant to surgery in patients with prostate cancer. Cancer Gene Therapy, 2013, 20, 642-649.	4.6	33
27	No association between polymorphisms/haplotypes of the vascular endothelial growth factor gene and preeclampsia. BMC Pregnancy and Childbirth, 2011, 11, 35.	2.4	32
28	History and progress of antiviral drugs: From acyclovir to direct-acting antiviral agents (DAAs) for Hepatitis C. Medicina Universitaria, 2015, 17, 165-174.	0.1	32
29	Interethnic Variability in CYP2D6, CYP2C9, and CYP2C19 Genes and Predicted Drug Metabolism Phenotypes Among 6060 Ibero- and Native Americans: RIBEF-CEIBA Consortium Report on Population Pharmacogenomics. OMICS A Journal of Integrative Biology, 2018, 22, 575-588.	2.0	32
30	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
31	Polandâ€Moebius syndrome in a boy and Poland syndrome in his mother. Clinical Genetics, 1991, 40, 225-228.	2.0	28
32	Losartan hydroxylation phenotype in an Ecuadorian population: influence of CYP2C9 genetic polymorphism, habits and gender. Pharmacogenomics, 2012, 13, 1711-1717.	1.3	28
33	The anti-dengue virus properties of statins may be associated with alterations in the cellular antiviral profile expression. Molecular Medicine Reports, 2016, 14, 2155-2163.	2.4	28
34	The genomic landscape of Mexican Indigenous populations brings insights into the peopling of the Americas. Nature Communications, 2021, 12, 5942.	12.8	28
35	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 Clefting Susceptibility Gene. Genes, 2019, 10, 1023.	2.4	26
36	Molecular analysis of SRY gene in patients with mixed gonadal dysgenesis. Annales De GÃ©nÃ©tique, 2001, 44, 155-159.	0.4	24

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37	Del(1)(q23) in a patient with Hutchinsonâ€Gilford progeria. American Journal of Medical Genetics Part A, 2002, 113, 298-301.	2.4	24
38	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
39	CYP2D6 -1584C>G promoter polymorphism and debrisoquine ultrarapid hydroxylation in healthy volunteers. Pharmacogenomics, 2013, 14, 1973-1977.	1.3	23
40	Immunotherapy and gene therapy as novel treatments for cancer. , 2017, v48, 138-147.		22
41	Positive association between vascular endothelial growth factor (VEGF) -2578 C/A variant and prostate cancer. Cancer Biomarkers, 2013, 13, 235-241.	1.7	19
42	Enhancement of Ad-CRT/E7-Mediated Antitumor Effect by Preimmunization withL. lactisExpressing HPV-16 E7. Viral Immunology, 2014, 27, 463-467.	1.3	17
43	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 Escherichia coli. Diagnostics, 2021, 11, 271.	2.6	17
44	Tumor necrosis factor-Î± -308G/A polymorphism is associated with active vitiligo vulgaris in a northeastern Mexican population. Experimental and Therapeutic Medicine, 2012, 3, 893-897.	1.8	16
45	Evaluating eight newly identified susceptibility loci for nonsyndromic cleft lip with or without cleft palate in a Mesoamerican population. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 43-47.	1.6	16
46	Identification of Differentially Expressed Genes Associated with Prognosis of B Acute Lymphoblastic Leukemia. Disease Markers, 2015, 2015, 1-11.	1.3	16
47	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
48	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
49	Differential Expression of Adhesion-Related Proteins and MAPK Pathways Lead to Suitable Osteoblast Differentiation of Human Mesenchymal Stem Cells Subpopulations. Stem Cells and Development, 2015, 24, 2577-2590.	2.1	14
50	Frequency of Protease and Reverse Transcriptase Drug Resistance Mutations in NaÃ¯ve HIV-Infected Patients. Archives of Medical Research, 2006, 37, 1022-1027.	3.3	13
51	Interethnic relationships of CYP2D6 variants in native and Mestizo populations sharing the same ecosystem. Pharmacogenomics, 2015, 16, 703-712.	1.3	13
52	Effect on growth and osteoblast mineralization of hydroxyapatite-zirconia (HA-ZrO ₂) obtained by a new low temperature system. Biomedical Materials (Bristol), 2018, 13, 035001.	3.3	13
53	Uncommon runs of homozygosity disclose homozygous missense mutations in two ciliopathy-related genes (SPAG17 and WDR35) in a patient with multiple brain and skeletal anomalies. European Journal of Medical Genetics, 2018, 61, 161-167.	1.3	13
54	Landscape of Germline Mutations in DNA Repair Genes for Breast Cancer in Latin America: Opportunities for PARP-Like Inhibitors and Immunotherapy. Genes, 2019, 10, 786.	2.4	13

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55	CFTR mutations in three Latin American countries. , 2000, 91, 277-279.		12
56	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
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. Genetics and Molecular Biology, 2014, 37, 241-249.	1.3	12
58	Spatial Clusters of Children with Cleft Lip and Palate and Their Association with Polluted Zones in the Monterrey Metropolitan Area. International Journal of Environmental Research and Public Health, 2019, 16, 2488.	2.6	12
59	Advantages of adipose tissue stem cells over CD34+ mobilization to decrease hepatic fibrosis in Wistar rats. Annals of Hepatology, 2019, 18, 620-626.	1.5	12
60	Implant Composed of Demineralized Bone and Mesenchymal Stem Cells Genetically Modified with AdBMP2/AdBMP7 for the Regeneration of Bone Fractures inOvis aries. Stem Cells International, 2016, 2016, 1-12.	2.5	11
61	Thymidylate synthase gene variants as predictors of clinical response and toxicity to fluoropyrimidine-based chemotherapy for colorectal cancer. Drug Metabolism and Personalized Therapy, 2017, 32, 209-218.	0.6	11
62	Genetic alterations of triple negative breast cancer (TNBC) in women from Northeastern Mexico. Oncology Letters, 2019, 17, 3581-3588.	1.8	11
63	Oncolytic virotherapy. Annals of Hepatology, 2008, 7, 34-45.	1.5	11
64	CAR-NK Cells for Cancer Therapy: Molecular Redesign of the Innate Antineoplastic Response. Current Gene Therapy, 2021, 22, .	2.0	11
65	Human variome project country nodes: Documenting genetic information within a country. Human Mutation, 2012, 33, 1513-1519.	2.5	10
66	Clinical and molecular delineation of duplication 9p24.3q21.11 in a patient with psychotic behavior. Gene, 2015, 560, 124-127.	2.2	10
67	Preclinical trial on the use of doxycycline for the treatment of adenocarcinoma of the duodenum. Molecular and Clinical Oncology, 2016, 5, 657-659.	1.0	10
68	Evaluation of the Expression of Genes Associated with Inflammation and Apoptosis in Androgenetic Alopecia by Targeted RNA-Seq. Skin Appendage Disorders, 2018, 4, 268-273.	1.0	10
69	Analysis of 16 cystic fibrosis mutations in Mexican patients. , 1997, 69, 380-382.		9
70	Prostaglandins in androgenetic alopecia in 12 men and four female. Journal of the European Academy of Dermatology and Venereology, 2019, 33, e214-e215.	2.4	9
71	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
72	Adenoviral-bone morphogenetic protein-7 and/or doxazosin therapies promote the reversion of fibrosis/cirrhosis in a cirrhotic hamster model. Molecular Medicine Reports, 2017, 16, 9431-9440.	2.4	8

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73	MRPL53, a New Candidate Gene for Orofacial Clefting, Identified Using an eQTL Approach. Journal of Dental Research, 2018, 97, 33-40.	5.2	8
74	Comparison of specific expression profile in two inÃ¯Â¿Â½vitro hypoxia models. Experimental and Therapeutic Medicine, 2018, 15, 4777-4784.	1.8	8
75	Adenovirus-mediated thymidine kinase gene therapy for recurrent ovarian cancer: expression of coxsackie-adenovirus receptor and integrins Î±vÎ²3 and Î±vÎ²5. Journal of the Society for Gynecologic Investigation, 2002, 9, 174-180.	1.7	8
76	Delineation of a de novo 7q21.3q31.1 Deletion by CGH-SNP Arrays in a Girl with Multiple Congenital Anomalies Including Severe Glaucoma. Molecular Syndromology, 2013, 4, 285-291.	0.8	7
77	A de novo sSMC(22) Characterized by High-Resolution Arrays in a Girl with Cat-Eye Syndrome without Coloboma. Molecular Syndromology, 2012, 3, 131-135.	0.8	6
78	EvaluatingSKIas a candidate gene for non-syndromic cleft lip with or without cleft palate. European Journal of Oral Sciences, 2012, 120, 373-377.	1.5	6
79	The Tumor Necrosis Factor Î± (-308 A/G) Polymorphism Is Associated with Cystic Fibrosis in Mexican Patients. PLoS ONE, 2014, 9, e90945.	2.5	6
80	Confidentiality and data sharing: vulnerabilities of the Mexican Genomics Sovereignty Act. Journal of Community Genetics, 2015, 6, 313-319.	1.2	5
81	Human papillomavirus type 2 associated with pyogenic granuloma in patients without clinical evidence of warts. International Journal of Dermatology, 2016, 55, 745-750.	1.0	5
82	Prevalence and 3â€year persistence of human papillomavirus serotypes in asymptomatic patients in Northern Mexico. International Journal of Gynecology and Obstetrics, 2017, 136, 40-46.	2.3	5
83	Polymorphisms -455G/A and -148C/T and Fibrinogen Plasmatic Level as Risk Markers of Coronary Disease and Major Adverse Cardiovascular Events. Disease Markers, 2019, 2019, 1-7.	1.3	5
84	A Bioactive Cartilage Graft of IGF1-Transduced Adipose Mesenchymal Stem Cells Embedded in an Alginate/Bovine Cartilage Matrix Tridimensional Scaffold. Stem Cells International, 2019, 2019, 1-15.	2.5	5
85	Genetic variants in CYP2A6 and UGT1A9 genes associated with urinary nicotine metabolites in young Mexican smokers. Pharmacogenomics Journal, 2020, 20, 586-594.	2.0	5
86	Ligneous Conjunctivitis in a Mexican Patient With a Mutation in the Plasminogen (PLG) Gene. JAMA Ophthalmology, 2006, 124, 1500.	2.4	4
87	A tribute to JosÃ© MarÃa ("Chema") CantÃº. Genetics and Molecular Biology, 2014, 37, 310-314.	1.3	4
88	RELAGH - the challenge of having a scientific network in Latin America: an account from the presidents. Genetics and Molecular Biology, 2014, 37, 305-309.	1.3	4
89	Spatial interaction between breast cancer and environmental pollution in the Monterrey Metropolitan Area. Heliyon, 2021, 7, e07915.	3.2	4
90	CAPN1 Variants as Cause of Hereditary Spastic Paraplegia Type 76. Case Reports in Neurological Medicine, 2019, 2019, 1-5.	0.4	3

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91	Extending the allelic spectrum at noncoding risk loci of orofacial clefting. Human Mutation, 2021, 42, 1066-1078.	2.5	3
92	An XMRV Derived Retroviral Vector as a Tool for Gene Transfer. Virology Journal, 2011, 8, 284.	3.4	2
93	De novo MECP2 disomy in a Mexican male carrying a supernumerary marker chromosome and no typical Lubs syndrome features. Gene, 2013, 524, 381-385.	2.2	2
94	Exome sequencing reveals three homozygous missense variants in SNRPA in two sisters with syndromic intellectual disability. Clinical Genetics, 2018, 93, 1229-1233.	2.0	2
95	Global expression profile and global genome methylation signatures in male patients with androgenetic alopecia. Journal of the European Academy of Dermatology and Venereology, 2020, 34, e216-e218.	2.4	2
96	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
97	CYP2D6 in Amerindians from Southern Mexico: low variability and higher frequency of functional alleles. Drug Metabolism and Personalized Therapy, 2015, 30, 231-8.	0.6	1
98	High Iodine Urinary Concentration Is Associated with High TSH Levels but Not with Nutrition Status in Schoolchildren of Northeastern Mexico. Nutrients, 2021, 13, 3975.	4.1	1
99	Preparing the workforce for genomic medicine: International challenges and strategies. , 2022, , 131-139.		1
100	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
101	Draft Genome Sequence of an Atypical Strain of Streptococcus pneumoniae Serotype 19A Isolated from Cerebrospinal Fluid. Genome Announcements, 2016, 4, .	0.8	0
102	. Anthropological and Medical Implications of Genetic Admixture in the Mexican Mestizo Population. , 2012, , 1192-1198.		0
103	Abstract P6-03-20: Gene expression profile of triple negative breast cancer in patients highlight biomarkers involved in cell metabolism. , 2016, , .		0
104	Differential admixture in Latin American populations and its impact on the study of colorectal cancer. Genetics and Molecular Biology, 2020, 43, e20200143.	1.3	0
105	DNA Repair Genes as Drug Candidates for Early Breast Cancer Onset in Latin America: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 13030.	4.1	0