Rocio Ortiz-Lopez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6119982/publications.pdf

Version: 2024-02-01

108 papers	4,072 citations	218592 26 h-index	123376 61 g-index
116 all docs	116 docs citations	116 times ranked	5258 citing authors

#	Article	IF	Citations
1	Genetic basis and molecular mechanism for idiopathic ventricular fibrillation. Nature, 1998, 392, 293-296.	13.7	1,734
2	Evidence for a recessive PMP22 point mutation in Charcotâ€“Marieâ€“Tooth disease type 1A. Nature Genetics, 1993, 5, 189-194.	9.4	208
3	Ionizing radiation-induced DNA injury and damage detection in patients with breast cancer. Genetics and Molecular Biology, 2015, 38, 420-432.	0.6	179
4	Evidence for a Dystrophin Missense Mutation as a Cause of X-Linked Dilated Cardiomyopathy. Circulation, 1997, 95, 2434-2440.	1.6	161
5	The Tumor-on-Chip: Recent Advances in the Development of Microfluidic Systems to Recapitulate the Physiology of Solid Tumors. Materials, 2019, 12, 2945.	1.3	103
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.	1.1	81
7	Identification of viral infections in the prostate and evaluation of their association with cancer. BMC Cancer, 2010, 10, 326.	1.1	81
8	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.	1.5	66
9	Worldwide genomic diversity of the human papillomaviruses-53, 56, and 66, a group of high-risk HPVs unrelated to HPV-16 and HPV-18. Virology, 2005, 340, 95-104.	1.1	55
10	Strong Association of Variants around FOXE1 and Orofacial Clefting. Journal of Dental Research, 2014, 93, 376-381.	2.5	51
11	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
12	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.	0.3	45
13	Complete Genome Sequence Analysis of Nocardia brasiliensis HUJEG-1 Reveals a Saprobic Lifestyle and the Genes Needed for Human Pathogenesis. PLoS ONE, 2013, 8, e65425.	1.1	43
14	A New Gene Expression Signature for Triple-Negative Breast Cancer using Frozen Fresh Tissue before Neoadjuvant chemotherapy. Molecular Medicine, 2017, 23, 101-111.	1.9	41
15	Genetic and molecular aspects of androgenetic alopecia. Indian Journal of Dermatology, Venereology and Leprology, 2018, 84, 263.	0.2	41
16	Ancestry informative markers and admixture proportions in northeastern Mexico. Journal of Human Genetics, 2009, 54, 504-509.	1.1	40
17	Papillomavirus Subtypes Are Natural and Old Taxa: Phylogeny of Human Papillomavirus Types 44 and 55 and 68a and -b. Journal of Virology, 2005, 79, 6565-6569.	1.5	39
18	Circulating microRNA expression profile in B-cell acute lymphoblastic leukemia. Cancer Biomarkers, 2015, 15, 299-310.	0.8	39

#	Article	IF	Citations
19	Maternal overnutrition by hypercaloric diets programs hypothalamic mitochondrial fusion and metabolic dysfunction in rat male offspring. Nutrition and Metabolism, 2018, 15, 38.	1.3	39
20	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.	1.6	38
21	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.	2.2	33
22	No association between polymorphisms/haplotypes of the vascular endothelial growth factor gene and preeclampsia. BMC Pregnancy and Childbirth, 2011, 11, 35.	0.9	32
23	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.	1.0	32
24	Antitumor effect of meclofenamic acid on human androgen-independent prostate cancer: a preclinical evaluation. International Urology and Nephrology, 2012, 44, 471-477.	0.6	31
25	Cu/Zn superoxide dismutase (SOD1) induction is implicated in the antioxidative and antiviral activity of acetylsalicylic acid in HCV-expressing cells. American Journal of Physiology - Renal Physiology, 2012, 302, G1264-G1273.	1.6	29
26	Complete Genome Sequence of Nocardia brasiliensis HUJEG-1. Journal of Bacteriology, 2012, 194, 2761-2762.	1.0	28
27	The genomic landscape of Mexican Indigenous populations brings insights into the peopling of the Americas. Nature Communications, 2021, 12, 5942.	5.8	28
28	Association between PTPN22 C1858T polymorphism and alopecia areata risk. Experimental and Therapeutic Medicine, 2015, 10, 1953-1958.	0.8	25
29	Del(1)(q23) in a patient with Hutchinson-Gilford progeria. American Journal of Medical Genetics Part A, 2002, 113, 298-301.	2.4	24
30	Population based prostate cancer screening in north Mexico reveals a high prevalence of aggressive tumors in detected cases. BMC Cancer, 2009, 9, 91.	1.1	24
31	A de novo t(10;19)(q22.3;q13.33) leads to ZMIZ1/PRR12 reciprocal fusion transcripts in a girl with intellectual disability and neuropsychiatric alterations. Neurogenetics, 2015, 16, 287-298.	0.7	23
32	Increased expression of cellular retinol-binding protein 1 in laryngeal squamous cell carcinoma. Journal of Cancer Research and Clinical Oncology, 2010, 136, 931-938.	1.2	22
33	Positive association between vascular endothelial growth factor (VEGF) -2578 C/A variant and prostate cancer. Cancer Biomarkers, 2013, 13, 235-241.	0.8	19
34	Protein tyrosine phosphatase PTPN22 +1858C/T polymorphism is associated with active vitiligo. Experimental and Therapeutic Medicine, 2014, 8, 1433-1437.	0.8	18
35	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.	1.3	17
36	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.	0.8	16

#	Article	IF	Citations
37	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
38	Identification of Differentially Expressed Genes Associated with Prognosis of B Acute Lymphoblastic Leukemia. Disease Markers, 2015, 2015, 1-11.	0.6	16
39	Association of matrix metalloproteinase-2 gene promoter polymorphism with myocardial infarction susceptibility in a Mexican population. Journal of Genetics, 2009, 88, 249-252.	0.4	15
40	Fatal Human Case of West Nile Disease, Mexico, 2009. Emerging Infectious Diseases, 2010, 16, 741-743.	2.0	15
41	Induction of virulence factors, apoptosis, and cytokines in precision-cut hamster liver slices infected with Entamoeba histolytica. Experimental Parasitology, 2012, 132, 424-433.	0.5	14
42	Genomic Changes Associated with the Loss of Nocardia brasiliensis Virulence in Mice after 200 In Vitro Passages. Infection and Immunity, 2016, 84, 2595-2606.	1.0	14
43	CAPN3, DCT, MLANA and TYRP1 are overexpressed in skin of vitiligo vulgaris Mexican patients. Experimental and Therapeutic Medicine, 2018, 15, 2804-2811.	0.8	14
44	Uridine 5'â€‘diphosphoâ€‘glucronosyltrasferase: Its role in pharmacogenomics and human disease (Review). Experimental and Therapeutic Medicine, 2018, 16, 3-11.	0.8	14
45	Everolimus for cardiac rhabdomyomas in children with tuberous sclerosis. The ORACLE study protocol (everOlimus for caRdiac rhAbdomyomas in tuberous sCLErosis): a randomised, multicentre, placebo-controlled, double-blind phase II trial. Cardiology in the Young, 2020, 30, 337-345.	0.4	14
46	MCP-1 Signaling Disrupts Social Behavior by Modulating Brain Volumetric Changes and Microglia Morphology. Molecular Neurobiology, 2022, 59, 932-949.	1.9	14
47	Frequency of Protease and Reverse Transcriptase Drug Resistance Mutations in NaÃ¯ve HIV-Infected Patients. Archives of Medical Research, 2006, 37, 1022-1027.	1.5	13
48	Interethnic relationships of CYP2D6 variants in native and Mestizo populations sharing the same ecosystem. Pharmacogenomics, 2015, 16, 703-712.	0.6	13
49	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.	0.7	13
50	Whole genome sequencing reveals widespread distribution of typhoidal toxin genes and VirB/D4 plasmids in bovine-associated nontyphoidal Salmonella. Scientific Reports, 2018, 8, 9864.	1.6	13
51	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.	1.0	13
52	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.	1.4	12
53	Prevalence and Clinical Significance of FLT3 Mutation Status in Acute Myeloid Leukemia Patients: A Multicenter Study. Archives of Medical Research, 2016, 47, 172-179.	1.5	12
54	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.	1.2	12

#	Article	IF	Citations
55	Immunotyping of tumorâ€˜infiltrating lymphocytes in tripleâ€˜negative breast cancer and genetic characterization. Oncology Letters, 2020, 20, 1-1.	0.8	12
56	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.	1.2	11
57	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.	0.3	11
58	Evaluation of skin expression profiles of patients with vitiligo treated with narrow-band UVB therapy by targeted RNA-seq. Anais Brasileiros De Dermatologia, 2018, 93, 843-851.	0.5	11
59	Genetic aspects of dilated cardiomyopathy. Progress in Pediatric Cardiology, 1996, 6, 71-82.	0.2	10
60	Tumor necrosis factor alpha promoterâ€308G/A polymorphism in Mexican patients with patchy alopecia areata. International Journal of Dermatology, 2012, 51, 571-575.	0.5	10
61	Use of proteomic analysis tools to identify HCV-proteins down-regulated by acetylsalicylic acid. Annals of Hepatology, 2013, 12, 725-732.	0.6	10
62	Clinical and molecular delineation of duplication 9p24.3q21.11 in a patient with psychotic behavior. Gene, 2015, 560, 124-127.	1.0	10
63	Genome annotation of a Saccharomyces sp. lager brewer's yeast. Genomics Data, 2016, 9, 25-29.	1.3	9
64	Genomic surveillance links livestock production with the emergence and spread of multi-drug resistant non-typhoidal Salmonella in Mexico. Journal of Microbiology, 2019, 57, 271-280.	1.3	9
65	Frequency of S and Z alleles for alpha-1-antitrypsin and tumor necrosis factor alpha â^'308 promoter polymorphism in northeastern Mexico. Allergy and Asthma Proceedings, 2008, 29, 406-410.	1.0	8
66	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.	1.5	8
67	Comparison of specific expression profile in two inÃ¯Â¿Â½vitro hypoxia models. Experimental and Therapeutic Medicine, 2018, 15, 4777-4784.	0.8	8
68	Prevalence Of FLT3 Mutations In Acute Myeloid Leukemia: A Multicenter Latin America Study. Blood, 2013, 122, 4979-4979.	0.6	8
69	Genetic structure of Mexican Mestizo women with breast cancer based on three STR loci. American Journal of Human Biology, 2008, 20, 191-193.	0.8	7
70	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.	0.3	7
71	HGH isoforms: cDNA expression, adipogenic activity and production in cell culture. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1172, 49-54.	2.4	6
72	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.	0.3	6

#	Article	IF	Citations
73	EvaluatingSKIas a candidate gene for non-syndromic cleft lip with or without cleft palate. European Journal of Oral Sciences, 2012, 120, 373-377.	0.7	6
74	Complex 9p rearrangement in an XY patient with ambiguous genitalia and features of both 9p duplication and deletion. American Journal of Medical Genetics, Part A, 2012, 158A, 1498-1502.	0.7	6
75	The Tumor Necrosis Factor Î± (-308 A/G) Polymorphism Is Associated with Cystic Fibrosis in Mexican Patients. PLoS ONE, 2014, 9, e90945.	1.1	6
76	X-Linked Dilated Cardiomyopathy. New England Journal of Medicine, 1994, 330, 368-370.	13.9	5
77	Draft Genome Sequence of Actinomadura madurae LIID-AJ290, Isolated from a Human Mycetoma Case. Genome Announcements, 2014, 2, .	0.8	5
78	Human papillomavirus type 2 associated with pyogenic granuloma in patients without clinical evidence of warts. International Journal of Dermatology, 2016, 55, 745-750.	0.5	5
79	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.	1.0	5
80	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.	0.6	5
81	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.	1.2	5
82	Germline Variants in Cancer Genes from Young Breast Cancer Mexican Patients. Cancers, 2022, 14, 1647.	1.7	5
83	Ligneous Conjunctivitis in a Mexican Patient With a Mutation in the Plasminogen (PLG) Gene. JAMA Ophthalmology, 2006, 124, 1500.	2.6	4
84	Spatial interaction between breast cancer and environmental pollution in the Monterrey Metropolitan Area. Heliyon, 2021, 7, e07915.	1.4	4
85	Lower than expected cytogenetic and molecular response to imatinib in Mexican patients with chronic myelogenous leukemia. Hematology, 2013, 18, 224-229.	0.7	3
86	TheÂ+1858ÂC/T Polymorphism in the PTPN22 Gene Is Associated with Cystic Fibrosis Patients in Northeast Mexico. Archives of Medical Research, 2016, 47, 403-406.	1.5	3
87	Modular organization of a hypocretin gene minimal promoter. Molecular Medicine Reports, 2017, 17, 2263-2270.	1.1	3
88	Tyrphostin AG17 inhibits adipocyte differentiation in vivo and in vitro. Lipids in Health and Disease, 2018, 17, 128.	1.2	3
89	Genetic structure of Mexican Mestizos with type 2 diabetes mellitus based on three STR loci. Gene, 2013, 525, 41-46.	1.0	2
90	De novo MECP2 disomy in a Mexican male carrying a supernumerary marker chromosome and no typical Lubs syndrome features. Gene, 2013, 524, 381-385.	1.0	2

#	Article	IF	Citations
91	De novo dir dup/del of 18q characterized by SNP arrays and FISH in a girl child with mixed phenotypes. Journal of Genetics, 2014, 93, 869-873.	0.4	2
92	Mutations Related to Antiretroviral Resistance Identified by Ultra-Deep Sequencing in HIV-1 Infected Children under Structured Interruptions of HAART. PLoS ONE, 2016, 11, e0147591.	1.1	2
93	Complete Genome Sequence of Streptococcus pneumoniae Serotype 19A, a Blood Clinical Isolate from Northeast Mexico. Genome Announcements, 2016, 4, .	0.8	2
94	Exome sequencing reveals three homozygous missense variants in SNRPA in two sisters with syndromic intellectual disability. Clinical Genetics, 2018, 93, 1229-1233.	1.0	2
95	Chemosensitivity analysis and study of gene resistance on tumors and cancer stem cell isolates from patients with colorectal cancer. Molecular Medicine Reports, 2021, 24, .	1.1	2
96	Drug Resistance Mutations During Structured Interruptions of HAART in HIV-1 Infected Children. Current HIV Research, 2011, 9, 154-159.	0.2	2
97	Preclinical evaluation of the therapeutic effect of adenoviral vectors in human papillomavirus-dependent neoplasias. Revista De Investigacion Clinica, 2008, 60, 101-6.	0.2	2
98	Sphingolipids and Lymphomas: A Double-Edged Sword. Cancers, 2022, 14, 2051.	1.7	2
99	Increased detection of human immunodeficiency virus antigen carriers by simultaneous assay of plasma and extracts from resting and phytohaemagglutinin-stimulated peripheral blood mononuclear cells. Journal of Virological Methods, 1988, 22, 329-336.	1.0	1
100	Molecular characterization of chronic myeloproliferative neoplasias in MÃ©xico. Hematology, 2009, 14, 261-265.	0.7	1
101	CYP2D6 in Amerindians from Southern Mexico: low variability and higher frequency of functional alleles. Drug Metabolism and Personalized Therapy, 2015, 30, 231-8.	0.3	1
102	Sequencing technology status of BRCA1/2 testing in Latin American Countries. Npj Genomic Medicine, 2020, 5, 22.	1.7	1
103	Thymidylate synthase polymorphism in Mexican patients with colon cancer treated with 5-fluorouracil. Journal of B U on, 2016, 21, 935-940.	0.4	1
104	Genomic Characterization by Whole-Exome Sequencing of Hypermobility Spectrum Disorder. Genes, 2022, 13, 1269.	1.0	1
105	Difficulties in Mutation Screening of the Plasminogen (PLG) Gene in Patients With Ligneous Conjunctivitis and Severe Hypoplasminogenemiaâ€"Reply. JAMA Ophthalmology, 2007, 125, 1303.	2.6	0
106	Draft Genome Sequence of an Atypical Strain of Streptococcus pneumoniae Serotype 19A Isolated from Cerebrospinal Fluid. Genome Announcements, 2016, 4, .	0.8	0
107	TSH levels, overweight, BMI, and skin expression levels of DCT and CCBL2 genes are related to vitiligo treatment response with narrow band UVB phototherapy. Dermatologic Therapy, 2019, 32, e12893.	0.8	0
108	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.	1.8	0