Rocio Ortiz-Lopez

List of Publications by Year
in descending order

108	4,072	218381	123241
papers	citations	26 h-index	61 g-index

116	116	116	5258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MCP-1 Signaling Disrupts Social Behavior by Modulating Brain Volumetric Changes and Microglia Morphology. Molecular Neurobiology, 2022, 59, 932-949.	1.9	14
2	Germline Variants in Cancer Genes from Young Breast Cancer Mexican Patients. Cancers, 2022, 14, 1647.	1.7	5
3	Sphingolipids and Lymphomas: A Double-Edged Sword. Cancers, 2022, 14, 2051.	1.7	2
4	Genomic Characterization by Whole-Exome Sequencing of Hypermobility Spectrum Disorder. Genes, 2022, 13, 1269.	1.0	1
5	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
6	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
7	Spatial interaction between breast cancer and environmental pollution in the Monterrey Metropolitan Area. Heliyon, 2021, 7, e07915.	1.4	4
8	The genomic landscape of Mexican Indigenous populations brings insights into the peopling of the Americas. Nature Communications, 2021, 12, 5942.	5.8	28
9	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
10	Sequencing technology status of BRCA1/2 testing in Latin American Countries. Npj Genomic Medicine, 2020, 5, 22.	1.7	1
11	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
12	Immunotyping of tumorâ€'infiltrating lymphocytes in tripleâ€'negative breast cancer and genetic characterization. Oncology Letters, 2020, 20, 1-1.	0.8	12
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Comparison of specific expression profile in two inÃ¯Â¿Â½vitro hypoxia models. Experimental and Therapeutic Medicine, 2018, 15, 4777-4784.	0.8	8
26	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
27	Uridine 5'â€'diphosphoâ€'glucronosyltrasferase: Its role in pharmacogenomics and human disease (Review). Experimental and Therapeutic Medicine, 2018, 16, 3-11.	0.8	14
28	Tyrphostin AG17 inhibits adipocyte differentiation in vivo and in vitro. Lipids in Health and Disease, 2018, 17, 128.	1.2	3
29	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
30	Genetic and molecular aspects of androgenetic alopecia. Indian Journal of Dermatology, Venereology and Leprology, 2018, 84, 263.	0.2	41
31	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
32	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
33	Modular organization of a hypocretin gene minimal promoter. Molecular Medicine Reports, 2017, 17, 2263-2270.	1.1	3
34	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
35	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
36	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

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37	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
38	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
39	Draft Genome Sequence of an Atypical Strain of Streptococcus pneumoniae Serotype 19A Isolated from Cerebrospinal Fluid. Genome Announcements, 2016, 4, .	0.8	0
40	Complete Genome Sequence of Streptococcus pneumoniae Serotype 19A, a Blood Clinical Isolate from Northeast Mexico. Genome Announcements, 2016, 4, .	0.8	2
41	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
42	Genome annotation of a Saccharomyces sp. lager brewer's yeast. Genomics Data, 2016, 9, 25-29.	1.3	9
43	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
44	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
45	Circulating microRNA expression profile in B-cell acute lymphoblastic leukemia. Cancer Biomarkers, 2015, 15, 299-310.	0.8	39
46	Ionizing radiation-induced DNA injury and damage detection in patients with breast cancer. Genetics and Molecular Biology, 2015, 38, 420-432.	0.6	179
47	Identification of Differentially Expressed Genes Associated with Prognosis of B Acute Lymphoblastic Leukemia. Disease Markers, 2015, 2015, 1-11.	0.6	16
48	Association between PTPN22 C1858T polymorphism and alopecia areata risk. Experimental and Therapeutic Medicine, 2015, 10, 1953-1958.	0.8	25
49	Clinical and molecular delineation of duplication 9p24.3q21.11 in a patient with psychotic behavior. Gene, 2015, 560, 124-127.	1.0	10
50	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
51	Interethnic relationships of CYP2D6 variants in native and Mestizo populations sharing the same ecosystem. Pharmacogenomics, 2015, 16, 703-712.	0.6	13
52	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
53	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
54	Protein tyrosine phosphatase PTPN22 +1858C/T polymorphism is associated with active vitiligo. Experimental and Therapeutic Medicine, 2014, 8, 1433-1437.	0.8	18

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55	Draft Genome Sequence of Actinomadura madurae LIID-AJ290, Isolated from a Human Mycetoma Case. Genome Announcements, 2014, 2, .	0.8	5
56	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
57	Strong Association of Variants around FOXE1 and Orofacial Clefting. Journal of Dental Research, 2014, 93, 376-381.	2.5	51
58	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
59	Genetic structure of Mexican Mestizos with type 2 diabetes mellitus based on three STR loci. Gene, 2013, 525, 41-46.	1.0	2
60	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
61	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
62	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
63	Lower than expected cytogenetic and molecular response to imatinib in Mexican patients with chronic myelogenous leukemia. Hematology, 2013, 18, 224-229.	0.7	3
64	Positive association between vascular endothelial growth factor (VEGF) -2578 C/A variant and prostate cancer. Cancer Biomarkers, 2013, 13, 235-241.	0.8	19
65	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
66	Use of proteomic analysis tools to identify HCV-proteins down-regulated by acetylsalicylic acid. Annals of Hepatology, 2013, 12, 725-732.	0.6	10
67	Prevalence Of FLT3 Mutations In Acute Myeloid Leukemia: A Multicenter Latin America Study. Blood, 2013, 122, 4979-4979.	0.6	8
68	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
69	Complete Genome Sequence of Nocardia brasiliensis HUJEG-1. Journal of Bacteriology, 2012, 194, 2761-2762.	1.0	28
70	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
71	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
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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	No association between polymorphisms/haplotypes of the vascular endothelial growth factor gene and preeclampsia. BMC Pregnancy and Childbirth, 2011, 11, 35.	0.9	32
81	Drug Resistance Mutations During Structured Interruptions of HAART in HIV-1 Infected Children. Current HIV Research, 2011, 9, 154-159.	0.2	2
82	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
83	Identification of viral infections in the prostate and evaluation of their association with cancer. BMC Cancer, 2010, 10, 326.	1.1	81
84	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
85	Fatal Human Case of West Nile Disease, Mexico, 2009. Emerging Infectious Diseases, 2010, 16, 741-743.	2.0	15
86	Molecular characterization of chronic myeloproliferative neoplasias in MÃ©xico. Hematology, 2009, 14, 261-265.	0.7	1
87	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
88	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
89	Ancestry informative markers and admixture proportions in northeastern Mexico. Journal of Human Genetics, 2009, 54, 504-509.	1.1	40
90	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

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91	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
92	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
93	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
94	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
95	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
96	Ligneous Conjunctivitis in a Mexican Patient With a Mutation in the Plasminogen (PLG) Gene. JAMA Ophthalmology, 2006, 124, 1500.	2.6	4
97	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
98	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
99	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
100	Del(1)(q23) in a patient with Hutchinson-Gilford progeria. American Journal of Medical Genetics Part A, 2002, 113, 298-301.	2.4	24
101	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
102	Genetic basis and molecular mechanism for idiopathic ventricular fibrillation. Nature, 1998, 392, 293-296.	13.7	1,734
103	Evidence for a Dystrophin Missense Mutation as a Cause of X-Linked Dilated Cardiomyopathy. Circulation, 1997, 95, 2434-2440.	1.6	161
104	Genetic aspects of dilated cardiomyopathy. Progress in Pediatric Cardiology, 1996, 6, 71-82.	0.2	10
105	X-Linked Dilated Cardiomyopathy. New England Journal of Medicine, 1994, 330, 368-370.	13.9	5
106	Evidence for a recessive PMP22 point mutation in Charcotâ€"Marieâ€"Tooth disease type 1A. Nature Genetics, 1993, 5, 189-194.	9.4	208
107	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
108	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