Rafael VelÃ¡zquez-Cruz

List of Publications by Year
in descending order

66 papers	1,547 citations	346980 22 h-index	371746 37 g-index
66 all docs	66 docs citations	66 times ranked	2979 citing authors

#	Article	IF	Citations
1	Common variant rs6564851 near the beta-carotene oxygenase 1Âgene is associated with plasma triglycerides levels in middle-aged Mexican men adults. Nutrition Research, 2022, 103, 30-39.	1.3	4
2	Association of Polymorphisms in Estrogen Receptor Genes (ESR1 and ESR2) with Osteoporosis and Fractureâ€"Involvement of Comorbidities and Epistasis. DNA and Cell Biology, 2022, 41, 437-446.	0.9	6
3	MicroRNA-1270 Inhibits Cell Proliferation, Migration, and Invasion via Targeting IRF8 in Osteoblast-like Cell Lines. Current Issues in Molecular Biology, 2022, 44, 1182-1190.	1.0	3
4	Dietary inflammatory index and bone mineral density in Mexican population. Osteoporosis International, 2022, 33, 1969-1979.	1.3	3
5	Diet Modulates the Effects of Genetic Variants on the Vitamin D Metabolic Pathway and Bone Mineral Density in Mexican Postmenopausal Women. Journal of Nutrition, 2021, 151, 1726-1735.	1.3	3
6	Relationship between physical activity, lean body mass, and bone mass in the Mexican adult population. Archives of Osteoporosis, 2021, 16, 94.	1.0	2
7	Evaluating of Red Blood Cell Distribution Width, Comorbidities and Electrocardiographic Ratios as Predictors of Prognosis in Patients with Pulmonary Hypertension. Diagnostics, 2021, 11, 1297.	1.3	2
8	Association of GC Variants with Bone Mineral Density and Serum VDBP Concentrations in Mexican Population. Genes, 2021, 12, 1176.	1.0	6
9	Serum Metabolite Profile Associated with Sex-Dependent Visceral Adiposity Index and Low Bone Mineral Density in a Mexican Population. Metabolites, 2021, 11, 604.	1.3	9
10	Total, Bioavailable, and Free 25-Hydroxyvitamin D Equally Associate with Adiposity Markers and Metabolic Traits in Mexican Adults. Nutrients, 2021, 13, 3320.	1.7	10
11	Impact of common cardio-metabolic risk factors on fatal and non-fatal cardiovascular disease in Latin America and the Caribbean: an individual-level pooled analysis of 31 cohort studies. The Lancet Regional Health Americas, 2021, 4, 100068.	1.5	1
12	Serum lipids are associated with nonalcoholic fatty liver disease: a pilot case-control study in Mexico. Lipids in Health and Disease, 2021, 20, 136.	1.2	6
13	COL1A1, CCDC170, and ESR1 single nucleotide polymorphisms associated with distal radius fracture in postmenopausal Mexican women. Climacteric, 2020, 23, 65-74.	1.1	6
14	Association between vitamin D deficiency and common variants of Vitamin D binding protein gene among Mexican Mestizo and indigenous postmenopausal women. Journal of Endocrinological Investigation, 2020, 43, 935-946.	1.8	6
15	The Variant rs1784042 of the SIDT2 Gene is Associated with Metabolic Syndrome through Low HDL-c Levels in a Mexican Population. Genes, 2020, 11, 1192.	1.0	4
16	Single-nucleotide polymorphism rs10036727 in the SLIT3 gene is associated with osteoporosis at the femoral neck in older Mexican postmenopausal women. Gynecological Endocrinology, 2020, 36, 1096-1100.	0.7	4
17	Antitumor Therapy under Hypoxic Microenvironment by the Combination of 2-Methoxyestradiol and Sodium Dichloroacetate on Human Non-Small-Cell Lung Cancer. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	1.9	6
18	A Multi-Omic Analysis for Low Bone Mineral Density in Postmenopausal Women Suggests a Relationship between Diet, Metabolites, and Microbiota. Microorganisms, 2020, 8, 1630.	1.6	30

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19	MicroRNA expression in relation with clinical evolution of osteosarcoma. Pathology Research and Practice, 2020, 216, 153038.	1.0	7
20	MicroRNA-548-3p overexpression inhibits proliferation, migration and invasion in osteoblast-like cells by targeting STAT1 and MAFB. Journal of Biochemistry, 2020, 168, 203-211.	0.9	8
21	Cumulative soft drink consumption is associated with insulin resistance in Mexican adults. American Journal of Clinical Nutrition, 2020, 112, 661-668.	2.2	8
22	Sugar-sweetened beverage consumption and risk of hyperuricemia: a longitudinal analysis of the Health Workers Cohort Study participants in Mexico. American Journal of Clinical Nutrition, 2020, 112, 652-660.	2.2	8
23	Environmental and intrinsic factors shaping gut microbiota composition and diversity and its relation to metabolic health in children and early adolescents: A population-based study. Gut Microbes, 2020, 11, 900-917.	4.3	39
24	Dysregulated expression of hypoxia-inducible factors augments myofibroblasts differentiation in idiopathic pulmonary fibrosis. Respiratory Research, 2019, 20, 130.	1.4	38
25	Catalytically Impaired TYK2 Variants are Protective Against Childhood- and Adult-Onset Systemic Lupus Erythematosus in Mexicans. Scientific Reports, 2019, 9, 12165.	1.6	11
26	Influence of Genetic and Non-Genetic Risk Factors for Serum Uric Acid Levels and Hyperuricemia in Mexicans. Nutrients, 2019, 11, 1336.	1.7	28
27	Serum Proteomic Analysis Reveals Vitamin D-Binding Protein (VDBP) as a Potential Biomarker for Low Bone Mineral Density in Mexican Postmenopausal Women. Nutrients, 2019, 11, 2853.	1.7	17
28	The Non-Aromatic Î”5-Androstenediol Derivative of Dehydroepiandrosterone Acts as an Estrogen Agonist in Neonatal Rat Osteoblasts through an Estrogen Receptor Î±-related Mechanism. Endocrine Research, 2019, 44, 87-102.	0.6	3
29	Association of RMND1/CCDC170â€“ESR1 single nucleotide polymorphisms with hip fracture and osteoporosis in postmenopausal women. Climacteric, 2019, 22, 97-104.	1.1	12
30	Differences in the relation between bone mineral content and lean body mass according to gender and reproductive status by age ranges. Journal of Bone and Mineral Metabolism, 2019, 37, 749-758.	1.3	2
31	Genetic contributors to serum uric acid levels in Mexicans and their effect on premature coronary artery disease. International Journal of Cardiology, 2019, 279, 168-173.	0.8	15
32	Genetic variants in COL13A1, ADIPOQ and SAMM50 , in addition to the PNPLA3 gene, confer susceptibility to elevated transaminase levels in an admixed Mexican population. Experimental and Molecular Pathology, 2018, 104, 50-58.	0.9	25
33	Prevalence and ancestral origin of the c.1987delC GAA gene mutation causing Pompe disease in Central Mexico. Meta Gene, 2018, 15, 60-64.	0.3	0
34	Low Salivary Amylase Gene (AMY1) Copy Number Is Associated with Obesity and Gut Prevotella Abundance in Mexican Children and Adults. Nutrients, 2018, 10, 1607.	1.7	36
35	Polimorfismos de los genes JAG1, MEF2C y BDNF asociados con la densidad mineral Ã³sea en mujeres del norte de MÃ©xico. Biomedica, 2018, 38, 320-328.	0.3	1
36	Identification of miR-708-5p in peripheral blood monocytes: Potential marker for postmenopausal osteoporosis in Mexican-Mestizo population. Experimental Biology and Medicine, 2018, 243, 1027-1036.	1.1	10

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37	Association between Vitamin D Deficiency and Single Nucleotide Polymorphisms in the Vitamin D Receptor and GC Genes and Analysis of Their Distribution in Mexican Postmenopausal Women. Nutrients, 2018, 10, 1175.	1.7	24
38	Serum miRNAs miR-140-3p and miR-23b-3p as potential biomarkers for osteoporosis and osteoporotic fracture in postmenopausal Mexican-Mestizo women. Gene, 2018, 679, 19-27.	1.0	61
39	Circulating miR-215-5p and miR-642a-5p as potential biomarker for diagnosis of osteosarcoma in Mexican population. Human Cell, 2018, 31, 292-299.	1.2	31
40	Interaction between FTO rs9939609 and the Native American-origin ABCA1 rs9282541 affects BMI in the admixed Mexican population. BMC Medical Genetics, 2017, 18, 46.	2.1	12
41	The T > A (rs11646213) gene polymorphism of cadherin-13 (CDH13) gene is associated with decreased risk of developing hypertension in Mexican population. Immunobiology, 2017, 222, 973-978.	0.8	10
42	A Pilot Genome-Wide Association Study in Postmenopausal Mexican-Mestizo Women Implicates the RMND1/CCDC170 Locus Is Associated with Bone Mineral Density. International Journal of Genomics, 2017, 2017, 1-13.	0.8	16
43	Identification of microRNAs in human circulating monocytes of postmenopausal osteoporotic Mexican-Mestizo women: A pilot study. Experimental and Therapeutic Medicine, 2017, 14, 5464-5472.	0.8	13
44	Cigarette Smoke Enhances the Expression of Profibrotic Molecules in Alveolar Epithelial Cells. PLoS ONE, 2016, 11, e0150383.	1.1	52
45	The anti-estrogenic activity of indole-3-carbinol in neonatal rat osteoblasts is associated with the estrogen receptor antagonist 2-hydroxyestradiol. Journal of Endocrinological Investigation, 2016, 39, 1149-1158.	1.8	3
46	Association between PNPLA3 (rs738409), LYPLAL1 (rs12137855), PPP1R3B (rs4240624), GCKR (rs780094), and elevated transaminase levels in overweight/obese Mexican adults. Molecular Biology Reports, 2016, 43, 1359-1369.	1.0	16
47	Health workers cohort study: methods and study design. Salud Publica De Mexico, 2016, 58, 708.	0.1	61
48	A New Method to Quantify Ifosfamide Blood Levels Using Dried Blood Spots and UPLC-MS/MS in Paediatric Patients with Embryonic Solid Tumours. PLoS ONE, 2015, 10, e0143421.	1.1	14
49	A genetic risk score is associated with hepatic triglyceride content and non-alcoholic steatohepatitis in Mexicans with morbid obesity. Experimental and Molecular Pathology, 2015, 98, 178-183.	0.9	49
50	Analysis of association of MEF2C, SOST and JAG1 genes with bone mineral density in Mexican-Mestizo postmenopausal women. BMC Musculoskeletal Disorders, 2014, 15, 400.	0.8	14
51	Genetic polymorphism of tumor necrosis factor promoter region and susceptibility to develop Hodgkin lymphoma in a Mexican population. Leukemia and Lymphoma, 2014, 55, 1295-1299.	0.6	6
52	PNPLA3 I148M polymorphism is associated with elevated alanine transaminase levels in Mexican Indigenous and Mestizo populations. Molecular Biology Reports, 2014, 41, 4705-4711.	1.0	25
53	WNT3A gene polymorphisms are associated with bone mineral density variation in postmenopausal mestizo women of an urban Mexican population: findings of a pathway-based high-density single nucleotide screening. Age, 2014, 36, 9635.	3.0	24
54	Association of LRP5 haplotypes with osteoporosis in Mexican women. Molecular Biology Reports, 2013, 40, 2705-2710.	1.0	14

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55	Molecular Screening of theCFTRGene in Mexican Patients with Congenital Absence of the Vas Deferens. Genetic Testing and Molecular Biomarkers, 2012, 16, 292-296.	0.3	3
56	<scp>MiR</scp>â€146a polymorphism is associated with asthma but not with systemic lupus erythematosus and juvenile rheumatoid arthritis in Mexican patients. Tissue Antigens, 2012, 80, 317-321.	1.0	69
57	Functional relevance of the BMD-associated polymorphism rs312009: Novel Involvement of RUNX2 in LRP5 transcriptional regulation. Journal of Bone and Mineral Research, 2011, 26, 1133-1144.	3.1	14
58	Association of TLR7 copy number variation with susceptibility to childhood-onset systemic lupus erythematosus in Mexican population. Annals of the Rheumatic Diseases, 2010, 69, 1861-1865.	0.5	101
59	The NRF2 gene variant, -653G/A, is associated with nephritis in childhood-onset systemic lupus erythematosus. Lupus, 2010, 19, 1237-1242.	0.8	56
60	STAT4 associates with systemic lupus erythematosus through two independent effects that correlate with gene expression and act additively with IRF5 to increase risk. Annals of the Rheumatic Diseases, 2009, 68, 1746-1753.	0.5	138
61	Tumor necrosis factorâ€“Î± is a common genetic risk factor for asthma, juvenile rheumatoid arthritis, and systemic lupus erythematosus in a Mexican pediatric population. Human Immunology, 2009, 70, 251-256.	1.2	77
62	MMP-1 polymorphisms and the risk of idiopathic pulmonary fibrosis. Human Genetics, 2008, 124, 465-472.	1.8	72
63	BCR-ABL, ETV6-RUNX1 and E2A-PBX1: Prevalence of the most common acute lymphoblastic leukemia fusion genes in Mexican patients. Leukemia Research, 2008, 32, 1518-1522.	0.4	32
64	Association of PDCD1 polymorphisms with childhood-onset systemic lupus erythematosus. European Journal of Human Genetics, 2007, 15, 336-341.	1.4	53
65	Genetic association of IRF5 with SLE in Mexicans: higher frequency of the risk haplotype and its homozygozity than Europeans. Human Genetics, 2007, 121, 721-727.	1.8	72
66	Association analysis of the PTPN22 gene in childhood-onset systemic lupus erythematosus in Mexican population. Genes and Immunity, 2006, 7, 693-695.	2.2	36