

Miguel Cruz Lopez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2387556/publications.pdf>

Version: 2024-02-01

158
papers

5,832
citations

94433

37
h-index

98798

67
g-index

177
all docs

177
docs citations

177
times ranked

11360
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244. | 21.4 | 959 |
| 2 | Immunoproteasome Assembly: Cooperative Incorporation of Interferon γ (IFN- γ)-inducible Subunits. <i>Journal of Experimental Medicine</i> , 1998, 187, 97-104. | 8.5 | 404 |
| 3 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 27.8 | 353 |
| 4 | Development of a Panel of Genome-Wide Ancestry Informative Markers to Study Admixture Throughout the Americas. <i>PLoS Genetics</i> , 2012, 8, e1002554. | 3.5 | 212 |
| 5 | Admixture in Mexico City: implications for admixture mapping of Type 2 diabetes genetic risk factors. <i>Human Genetics</i> , 2007, 120, 807-819. | 3.8 | 124 |
| 6 | Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. <i>Diabetologia</i> , 2011, 54, 2038-2046. | 6.3 | 114 |
| 7 | Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019, 10, 29. | 12.8 | 113 |
| 8 | Genome-wide association and meta-analysis in populations from Starr County, Texas, and Mexico City identify type 2 diabetes susceptibility loci and enrichment for expression quantitative trait loci in top signals. <i>Diabetologia</i> , 2011, 54, 2047-2055. | 6.3 | 106 |
| 9 | Candidate gene association study conditioning on individual ancestry in patients with type 2 diabetes and metabolic syndrome from Mexico City. <i>Diabetes/Metabolism Research and Reviews</i> , 2010, 26, 261-270. | 4.0 | 98 |
| 10 | Association of the ATP-Binding Cassette Transporter A1 R230C Variant With Early-Onset Type 2 Diabetes in a Mexican Population. <i>Diabetes</i> , 2008, 57, 509-513. | 0.6 | 89 |
| 11 | Beneficial effect of a high number of copies of salivary amylase AMY1 gene on obesity risk in Mexican children. <i>Diabetologia</i> , 2015, 58, 290-294. | 6.3 | 89 |
| 12 | Low Adiponectin Levels Predict Type 2 Diabetes in Mexican Children. <i>Diabetes Care</i> , 2004, 27, 1451-1453. | 8.6 | 85 |
| 13 | Hypomagnesaemia and risk for metabolic glucose disorders: a 10-year follow-up study. <i>European Journal of Clinical Investigation</i> , 2008, 38, 389-396. | 3.4 | 82 |
| 14 | Cross-Tissue and Tissue-Specific eQTLs: Partitioning the Heritability of a Complex Trait. <i>American Journal of Human Genetics</i> , 2014, 95, 521-534. | 6.2 | 82 |
| 15 | Glycine treatment decreases proinflammatory cytokines and increases interferon- γ in patients with Type 2 diabetes. <i>Journal of Endocrinological Investigation</i> , 2008, 31, 694-699. | 3.3 | 77 |
| 16 | A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , 2019, 28, 3327-3338. | 2.9 | 76 |
| 17 | Regulation of Immunoproteasome Subunit Expression In Vivo Following Pathogenic Fungal Infection. <i>Journal of Immunology</i> , 2002, 169, 3046-3052. | 0.8 | 75 |
| 18 | Glucose-6-phosphate dehydrogenase activity and NADPH/NADP+ ratio in liver and pancreas are dependent on the severity of hyperglycemia in rat. <i>Life Sciences</i> , 2006, 78, 2601-2607. | 4.3 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Glycine increases mRNA adiponectin and diminishes pro-inflammatory adipokines expression in 3T3-L1 cells. <i>European Journal of Pharmacology</i> , 2008, 587, 317-321. | 3.5 | 64 |
| 20 | Meta-analysis of lipid-traits in Hispanics identifies novel loci, population-specific effects and tissue-specific enrichment of eQTLs. <i>Scientific Reports</i> , 2016, 6, 19429. | 3.3 | 63 |
| 21 | Glycine regulates the production of pro-inflammatory cytokines in lean and monosodium glutamate-obese mice. <i>European Journal of Pharmacology</i> , 2008, 599, 152-158. | 3.5 | 62 |
| 22 | KIR Gene in Ethnic and Mestizo Populations from Mexico. <i>Human Immunology</i> , 2006, 67, 85-93. | 2.4 | 57 |
| 23 | Oral supplementation with glycine reduces oxidative stress in patients with metabolic syndrome, improving their systolic blood pressure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 855-860. | 1.4 | 57 |
| 24 | Analysis of the contribution of FTO, NPC1, ENPP1, NEGR1, GNPDA2 and MC4R genes to obesity in Mexican children. <i>BMC Medical Genetics</i> , 2013, 14, 21. | 2.1 | 55 |
| 25 | Monosodium Glutamate Neonatal Intoxication Associated with Obesity in Adult Stage is Characterized by Chronic Inflammation and Increased mRNA Expression of Peroxisome Proliferator-Activated Receptors in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 406-413. | 2.5 | 51 |
| 26 | Hyperglycemia induces apoptosis and p53 mobilization to mitochondria in RINm5F cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 281, 163-171. | 3.1 | 48 |
| 27 | Prediabetes and its Relationship with Obesity in Mexican Adults: The Mexican Diabetes Prevention (MexDiab) Study. <i>Metabolic Syndrome and Related Disorders</i> , 2008, 6, 15-23. | 1.3 | 48 |
| 28 | Glycine regulates inflammatory markers modifying the energetic balance through PPAR and UCP-2. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 534-540. | 5.6 | 48 |
| 29 | A Replication Study of the IRS1, CAPN10, TCF7L2, and PPARC Gene Polymorphisms Associated with Type 2 Diabetes in Two Different Populations of Mexico. <i>Annals of Human Genetics</i> , 2011, 75, 612-620. | 0.8 | 46 |
| 30 | Metformin decreases plasma resistin concentrations in pediatric patients with impaired glucose tolerance: a placebo-controlled randomized clinical trial. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1247-1255. | 3.4 | 46 |
| 31 | Association of TCF7L2 polymorphisms with type 2 diabetes in Mexico City. <i>Clinical Genetics</i> , 2007, 71, 359-366. | 2.0 | 43 |
| 32 | Adiponectin in eutrophic and obese children as a biomarker to predict metabolic syndrome and each of its components. <i>BMC Public Health</i> , 2013, 13, 88. | 2.9 | 43 |
| 33 | The SNP at 592 of human IL-10 gene is associated with serum IL-10 levels and increased risk for human papillomavirus cervical lesion development. <i>Infectious Agents and Cancer</i> , 2012, 7, 32. | 2.6 | 42 |
| 34 | Food habits, physical activities and sedentary lifestyles of eutrophic and obese school children: a case-control study. <i>BMC Public Health</i> , 2015, 15, 124. | 2.9 | 41 |
| 35 | The Use of Complementary and Alternative Medicine Therapies in Type 2 Diabetic Patients in Mexico. <i>Diabetes Care</i> , 2003, 26, 2470-2471. | 8.6 | 40 |
| 36 | Ancestry informative markers and admixture proportions in northeastern Mexico. <i>Journal of Human Genetics</i> , 2009, 54, 504-509. | 2.3 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Effect of an aqueous extract of <i>Cucurbita ficifolia</i> Bouché on the glutathione redox cycle in mice with STZ-induced diabetes. <i>Journal of Ethnopharmacology</i> , 2012, 144, 101-108. | 4.1 | 40 |
| 38 | The complete primary structure of mouse 20S proteasomes. <i>Immunogenetics</i> , 1999, 49, 835-842. | 2.4 | 39 |
| 39 | Low Serum Magnesium Levels and Its Association with High Blood Pressure in Children. <i>Journal of Pediatrics</i> , 2016, 168, 93-98.e1. | 1.8 | 38 |
| 40 | Antidiabetic, antihyperlipidemic and anti-inflammatory effects of tilianin in streptozotocin-nicotinamide diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 667-675. | 5.6 | 37 |
| 41 | Association of gut microbiome with fasting triglycerides, fasting insulin and obesity status in Mexican children. <i>Pediatric Obesity</i> , 2021, 16, e12748. | 2.8 | 37 |
| 42 | Association of Gly972Arg polymorphism of IRS1 gene with type 2 diabetes mellitus in lean participants of a national health survey in Mexico: a candidate gene study. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 38-45. | 3.4 | 36 |
| 43 | Altered levels of MALAT1 and H19 derived from serum or serum exosomes associated with type-2 diabetes. <i>Non-coding RNA Research</i> , 2020, 5, 71-76. | 4.6 | 35 |
| 44 | Assessing the effects of 35 European-derived BMI-associated SNPs in Mexican children. <i>Obesity</i> , 2016, 24, 1989-1995. | 3.0 | 32 |
| 45 | Nicotinamide prevents sweet beverage-induced hepatic steatosis in rats by regulating the G6PD, NADPH/NADP+ and GSH/GSSG ratios and reducing oxidative and inflammatory stress. <i>European Journal of Pharmacology</i> , 2018, 818, 499-507. | 3.5 | 32 |
| 46 | High relative abundance of firmicutes and increased TNF- α levels correlate with obesity in children. <i>Salud Publica De Mexico</i> , 2017, 60, 5. | 0.4 | 29 |
| 47 | Lack of Agreement Between the Revised Criteria of Impaired Fasting Glucose and Impaired Glucose Tolerance in Children With Excess Body Weight. <i>Diabetes Care</i> , 2004, 27, 2229-2233. | 8.6 | 28 |
| 48 | High glucose induces mitochondrial p53 phosphorylation by p38 MAPK in pancreatic RINm5F cells. <i>Molecular Biology Reports</i> , 2013, 40, 4947-4958. | 2.3 | 28 |
| 49 | Cardiovascular Risk Factors and Acculturation in Yaquis and Tepehuanos Indians from Mexico. <i>Archives of Medical Research</i> , 2008, 39, 352-357. | 3.3 | 27 |
| 50 | Low frequency of Toll-like receptors 2 and 4 gene polymorphisms in Mexican patients and their association with Type 2 diabetes. <i>International Journal of Immunogenetics</i> , 2011, 38, 519-523. | 1.8 | 27 |
| 51 | Association of polymorphisms within the transforming growth factor- β 1 gene with diabetic nephropathy and serum cholesterol and triglyceride concentrations. <i>Nephrology</i> , 2010, 15, 644-648. | 1.6 | 26 |
| 52 | Glycine suppresses TNF-alpha-induced activation of NF- κ B in differentiated 3T3-L1 adipocytes. <i>European Journal of Pharmacology</i> , 2012, 689, 270-277. | 3.5 | 26 |
| 53 | High Thyroid-stimulating Hormone Levels Increase Proinflammatory and Cardiovascular Markers in Patients with Extreme Obesity. <i>Archives of Medical Research</i> , 2016, 47, 476-482. | 3.3 | 26 |
| 54 | Single Nucleotide Polymorphisms of the Angiotensin-Converting Enzyme (ACE) Gene Are Associated with Essential Hypertension and Increased ACE Enzyme Levels in Mexican Individuals. <i>PLoS ONE</i> , 2013, 8, e65700. | 2.5 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Leisure-time physical activity and cardiometabolic risk among children and adolescents. <i>Jornal De Pediatria</i> , 2015, 91, 136-142. | 2.0 | 24 |
| 56 | <i>Cucurbita ficifolia</i> ... Bouché (Cucurbitaceae) and D-chiro-inositol modulate the redox state and inflammation in 3T3-L1 adipocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1563-1576. | 2.4 | 23 |
| 57 | Allele frequency distribution of CYP2C9*2 and CYP2C9*3 polymorphisms in six Mexican populations. <i>Gene</i> , 2013, 523, 167-172. | 2.2 | 23 |
| 58 | SOD2 gene Val16Ala polymorphism is associated with macroalbuminuria in Mexican Type 2 Diabetes patients: a comparative study and meta-analysis. <i>BMC Medical Genetics</i> , 2013, 14, 110. | 2.1 | 23 |
| 59 | Association between PPAR- γ 2 Pro12Ala genotype and insulin resistance is modified by circulating lipids in Mexican children. <i>Scientific Reports</i> , 2016, 6, 24472. | 3.3 | 23 |
| 60 | Associations of common variants in the <i>SLC16A11</i> , <i>TCF7L2</i> , and <i>ABCA1</i> genes with pediatric-onset type 2 diabetes and related glycemic traits in families: A case-control and case-parent trio study. <i>Pediatric Diabetes</i> , 2017, 18, 824-831. | 2.9 | 21 |
| 61 | Antidiabetic, antidyslipidemic and toxicity profile of ENV-2: A potent pyrazole derivative against diabetes and related diseases. <i>European Journal of Pharmacology</i> , 2017, 803, 159-166. | 3.5 | 21 |
| 62 | Influence of obesity, parental history of diabetes, and genes in type 2 diabetes: A case-control study. <i>Scientific Reports</i> , 2019, 9, 2748. | 3.3 | 21 |
| 63 | Changes in the glucose-6-phosphate dehydrogenase activity in granulosa cells during follicular atresia in ewes. <i>Reproduction</i> , 2009, 137, 979-986. | 2.6 | 20 |
| 64 | Haplotypes in the <i>CRP</i> Gene Associated with Increased BMI and Levels of CRP in Subjects with Type 2 Diabetes or Obesity from Southwestern Mexico. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7. | 3.8 | 19 |
| 65 | The TGF-B1 and IL-10 gene polymorphisms are associated with risk of developing silent myocardial ischemia in the diabetic patients. <i>Immunology Letters</i> , 2013, 156, 18-22. | 2.5 | 19 |
| 66 | Polymorphisms in the LPL and CETP Genes and Haplotype in the ESR1 Gene Are Associated with Metabolic Syndrome in Women from Southwestern Mexico. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21539-21554. | 4.1 | 19 |
| 67 | Dietary patterns in Mexican children and adolescents: Characterization and relation with socioeconomic and home environment factors. <i>Appetite</i> , 2018, 121, 275-284. | 3.7 | 19 |
| 68 | Altered Glycemic Control Associated With Polymorphisms in the SLC22A1 (OCT1) Gene in a Mexican Population With Type 2 Diabetes Mellitus Treated With Metformin: A Cohort Study. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1384-1390. | 2.0 | 19 |
| 69 | DNA Sequence, Chromosomal Localization, and Tissue Expression of the Mouse Proteasome Subunit Lmp10 (Psm10) Gene. <i>Genomics</i> , 1997, 45, 618-622. | 2.9 | 18 |
| 70 | Genetic architecture of lipid traits in the Hispanic community health study/study of Latinos. <i>Lipids in Health and Disease</i> , 2017, 16, 200. | 3.0 | 18 |
| 71 | Participation of the IKK- β complex in the inhibition of the TNF- α /NF- κ B pathway by glycine: Possible involvement of a membrane receptor specific to adipocytes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 120-131. | 5.6 | 18 |
| 72 | <i>APOA5</i> and <i>APOA1</i> polymorphisms are associated with triglyceride levels in Mexican children. <i>Pediatric Obesity</i> , 2017, 12, 330-336. | 2.8 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Association of β 1 and β 3 adrenergic receptors gene polymorphisms with insulin resistance and high lipid profiles related to type 2 diabetes and metabolic syndrome. <i>Nutricion Hospitalaria</i> , 2014, 29, 1327-34. | 0.3 | 17 |
| 74 | Differences in BCL-X L expression and STAT5 phosphorylation in chronic myeloid leukaemia patients. <i>European Journal of Haematology</i> , 2004, 72, 231-238. | 2.2 | 16 |
| 75 | DD genotype of angiotensin-converting enzyme in type 2 diabetes mellitus with renal disease in Mexican Mestizos. <i>Nephrology</i> , 2009, 14, 235-239. | 1.6 | 16 |
| 76 | High expression of Toll-like receptors 2 and 9 and Th1/Th2 cytokines profile in obese asthmatic children. <i>Allergy and Asthma Proceedings</i> , 2014, 35, 268-268. | 2.2 | 16 |
| 77 | Q192R Polymorphism of Paraoxonase 1 Gene Associated with Insulin Resistance in Mexican Children. <i>Archives of Medical Research</i> , 2015, 46, 78-83. | 3.3 | 16 |
| 78 | Fine-mapping of 98 obesity loci in Mexican children. <i>International Journal of Obesity</i> , 2019, 43, 23-32. | 3.4 | 16 |
| 79 | <i>Lactobacillus paracasei</i> as a protective factor of obesity induced by an unhealthy diet in children. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 271-278. | 1.8 | 16 |
| 80 | Admixture mapping in two Mexican samples identifies significant associations of locus ancestry with triglyceride levels in the BUD13/ZNF259/APOA5 region and fine mapping points to rs964184 as the main driver of the association signal. <i>PLoS ONE</i> , 2017, 12, e0172880. | 2.5 | 16 |
| 81 | Type 2 Diabetes Mellitus in Children - An Increasing Health Problem in Mexico. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2004, 17, 183-90. | 0.9 | 15 |
| 82 | Nicotinamide, a glucose-6-phosphate dehydrogenase non-competitive mixed inhibitor, modifies redox balance and lipid accumulation in 3T3-L1 cells. <i>Life Sciences</i> , 2013, 93, 975-985. | 4.3 | 15 |
| 83 | Vascular endothelial function is improved by oral glycine treatment in aged rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 465-473. | 1.4 | 15 |
| 84 | Effect of an intensive metabolic control lifestyle intervention in type-2 diabetes patients. <i>Patient Education and Counseling</i> , 2016, 99, 1184-1189. | 2.2 | 15 |
| 85 | High fructose-containing drinking water-induced steatohepatitis in rats is prevented by the nicotinamide-mediated modulation of redox homeostasis and NADPH-producing enzymes. <i>Molecular Biology Reports</i> , 2020, 47, 337-351. | 2.3 | 15 |
| 86 | Obesity is associated with the Arg389Gly ADRB1 but not with the Trp64Arg ADRB3 polymorphism in children from San Luis Potosí and León, México. <i>Journal of Biomedical Research</i> , 2016, 31, 40-46. | 1.6 | 15 |
| 87 | <i>Cucurbita ficifolia</i> (Cucurbitaceae) modulates inflammatory cytokines and IFN- β in obese mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 170-177. | 1.4 | 14 |
| 88 | Exploring single nucleotide polymorphisms previously related to obesity and metabolic traits in pediatric-onset type 2 diabetes. <i>Acta Diabetologica</i> , 2017, 54, 653-662. | 2.5 | 13 |
| 89 | Nicotinamide reduces inflammation and oxidative stress via the cholinergic system in fructose-induced metabolic syndrome in rats. <i>Life Sciences</i> , 2020, 250, 117585. | 4.3 | 13 |
| 90 | Waist Perimeter Cutoff Points and Prediction of Metabolic Syndrome Risk. A Study in a Mexican Population. <i>Archives of Medical Research</i> , 2008, 39, 346-351. | 3.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | rs12255372 Variant of TCF7L2 Gene Is Protective for Obesity in Mexican Children. Archives of Medical Research, 2011, 42, 495-501. | 3.3 | 12 |
| 92 | The interleukin-1 β -511 T>C (rs16944) gene polymorphism is associated with risk of developing silent myocardial ischemia in diabetic patients. Immunology Letters, 2015, 168, 7-12. | 2.5 | 12 |
| 93 | Analysis of admixture proportions in seven geographical regions of the state of Guerrero, Mexico. American Journal of Human Biology, 2017, 29, e23032. | 1.6 | 12 |
| 94 | Functionally oriented analysis of cardiometabolic traits in a trans-ethnic sample. Human Molecular Genetics, 2019, 28, 1212-1224. | 2.9 | 12 |
| 95 | Evaluating the transferability of 15 European-derived fasting plasma glucose SNPs in Mexican children and adolescents. Scientific Reports, 2016, 6, 36202. | 3.3 | 11 |
| 96 | Cloning and characterization of mouse Lmp3 cDNA, encoding a proteasome β subunit. Gene, 1997, 190, 251-256. | 2.2 | 10 |
| 97 | Diabetogenic Effect of STZ Diminishes with the Loss of Nitric Oxide: Role of Ultraviolet Light and Carboxy-PTIO. Pharmacology, 2004, 71, 17-24. | 2.2 | 10 |
| 98 | Expression of candidate genes associated with obesity in peripheral white blood cells of Mexican children. Archives of Medical Science, 2016, 5, 968-976. | 0.9 | 10 |
| 99 | Genetic markers of inflammation may not contribute to metabolic traits in Mexican children. PeerJ, 2016, 4, e2090. | 2.0 | 10 |
| 100 | Characterization of Large Copy Number Variation in Mexican Type 2 Diabetes subjects. Scientific Reports, 2017, 7, 17105. | 3.3 | 10 |
| 101 | Genotypes of Common Polymorphisms in the PON1 Gene Associated with Paraoxonase Activity as Cardiovascular Risk Factor. Archives of Medical Research, 2018, 49, 486-496. | 3.3 | 10 |
| 102 | <i>CYP2C9*3</i> gene variant contributes independently to glycaemic control in patients with type 2 diabetes treated with glibenclamide. Journal of Clinical Pharmacy and Therapeutics, 2018, 43, 768-774. | 1.5 | 10 |
| 103 | Adiponectin is associated with cardio-metabolic traits in Mexican children. Scientific Reports, 2019, 9, 3084. | 3.3 | 10 |
| 104 | Genetic polymorphisms associated with pediatric-onset type 2 diabetes: A family-based transmission disequilibrium test and case-control study. Pediatric Diabetes, 2019, 20, 239-245. | 2.9 | 10 |
| 105 | Distal Symmetric Polyneuropathy Identification in Type 2 Diabetes Subjects: A Random Forest Approach. Healthcare (Switzerland), 2021, 9, 138. | 2.0 | 10 |
| 106 | Antinuclear antibodies in scleroderma, mixed connective tissue disease and "primary" Raynaud's phenomenon. Clinical Rheumatology, 1988, 7, 80-86. | 2.2 | 9 |
| 107 | The transcription of MGAT4A glycosyl transferase is increased in white cells of peripheral blood of Type 2 Diabetes patients. BMC Genetics, 2007, 8, 73. | 2.7 | 9 |
| 108 | Evaluation of the imputation performance of the program IMPUTE in an admixed sample from Mexico City using several model designs. BMC Medical Genomics, 2012, 5, 12. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Elevated Levels of LDL-C are Associated With ApoE4 but Not With the rs688 Polymorphism in the <i>LDLR</i> Gene. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2016, 22, 465-470. | 1.7 | 9 |
| 110 | Identification of Diabetic Patients through Clinical and Para-Clinical Features in Mexico: An Approach Using Deep Neural Networks. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 381. | 2.6 | 9 |
| 111 | The Melanocortin 4 Receptor p.Ile269Asn Mutation Is Associated with Childhood and Adult Obesity in Mexicans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1468-e1477. | 3.6 | 9 |
| 112 | Association of <i>AMY1A</i> and <i>AMY2A</i> copy numbers and <i>AMY1</i> / <i>AMY2</i> serum enzymatic activity with obesity in Mexican children. <i>Pediatric Obesity</i> , 2020, 15, e12641. | 2.8 | 9 |
| 113 | A Genetic Risk Score Improves the Prediction of Type 2 Diabetes Mellitus in Mexican Youths but Has Lower Predictive Utility Compared With Non-Genetic Factors. <i>Frontiers in Endocrinology</i> , 2021, 12, 647864. | 3.5 | 9 |
| 114 | Identification of Immunogenic Epitopes of the 170-kDa Subunit Adhesin of <i>Entamoeba histolytica</i> in Patients with Invasive Amebiasis. <i>Journal of Eukaryotic Microbiology</i> , 1995, 42, 636-641. | 1.7 | 8 |
| 115 | JBASE: Joint Bayesian Analysis of Subphenotypes and Epistasis. <i>Bioinformatics</i> , 2016, 32, 203-210. | 4.1 | 8 |
| 116 | ADIPOQ and ADIPOR2 gene polymorphisms: association with overweight/obesity in Mexican children. <i>Boletín Médico Del Hospital Infantil De México</i> , 2015, 72, 26-33. | 0.3 | 8 |
| 117 | Copy Number Variations in Candidate Genes and Intergenic Regions Affect Body Mass Index and Abdominal Obesity in Mexican Children. <i>BioMed Research International</i> , 2017, 2017, 1-10. | 1.9 | 8 |
| 118 | The rs1256031 of estrogen receptor β gene is associated with type 2 diabetes. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2018, 12, 631-633. | 3.6 | 8 |
| 119 | Genetic contribution to waist-to-hip ratio in Mexican children and adolescents based on 12 loci validated in European adults. <i>International Journal of Obesity</i> , 2019, 43, 13-22. | 3.4 | 8 |
| 120 | Expression of obesity- and type-2 diabetes-associated genes in omental adipose tissue of individuals with obesity. <i>Gene</i> , 2022, 815, 146181. | 2.2 | 8 |
| 121 | MGEA5-14 polymorphism and type 2 diabetes in Mexico City. <i>American Journal of Human Biology</i> , 2007, 19, 593-596. | 1.6 | 7 |
| 122 | <i>IRS1</i> , <i>TCF7L2</i> , <i>ADRB1</i> , <i>PPARG</i> , and <i>HHEX</i> Polymorphisms Associated with Atherogenic Risk in Mexican Population. <i>BioMed Research International</i> , 2013, 2013, 1-7. | 1.9 | 7 |
| 123 | Prevalence of Cognitive Impairment in Recently Diagnosed Type 2 Diabetes Patients: Are Chronic Inflammatory Diseases Responsible for Cognitive Decline?. <i>PLoS ONE</i> , 2015, 10, e0141325. | 2.5 | 7 |
| 124 | High Relative Abundance of <i>Lactobacillus reuteri</i> and Fructose Intake are Associated with Adiposity and Cardiometabolic Risk Factors in Children from Mexico City. <i>Nutrients</i> , 2019, 11, 1207. | 4.1 | 7 |
| 125 | Association of rs2000999 in the haptoglobin gene with total cholesterol, HDL-C, and LDL-C levels in Mexican type 2 diabetes patients. <i>Medicine (United States)</i> , 2019, 98, e17298. | 1.0 | 7 |
| 126 | Intrauterine growth restriction and overweight, obesity, and stunting in adolescents of indigenous communities of Chiapas, Mexico. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 149-157. | 2.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Alterations of the Gut Microbiome Associated to Methane Metabolism in Mexican Children with Obesity. <i>Children</i> , 2022, 9, 148. | 1.5 | 7 |
| 128 | Type 2 diabetes-associated polymorphisms correlate with SIRT1 and TGF β 1 gene expression. <i>Annals of Human Genetics</i> , 2020, 84, 185-194. | 0.8 | 6 |
| 129 | Association between glycemic control and dietary patterns in patients with type 2 diabetes in a Mexican institute. <i>Nutrition</i> , 2020, 78, 110901. | 2.4 | 6 |
| 130 | Genome-wide meta-analysis associates GPSM1 with type 2 diabetes, a plausible gene involved in skeletal muscle function. <i>Journal of Human Genetics</i> , 2020, 65, 411-420. | 2.3 | 6 |
| 131 | Causal Association of Haptoglobin With Obesity in Mexican Children: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2501-e2510. | 3.6 | 6 |
| 132 | Sex/Gender Modifies the Association Between the MC4R p.Ile269Asn Mutation and Type 2 Diabetes in the Mexican Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e112-e117. | 3.6 | 6 |
| 133 | AGT rs4762 is associated with diastolic blood pressure in Mexicans with diabetic nephropathy. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107826. | 2.3 | 6 |
| 134 | Stepwise strategies to successfully recruit diabetes patients in a large research study in Mexican population. <i>Primary Care Diabetes</i> , 2017, 11, 297-304. | 1.8 | 5 |
| 135 | Metabolic Disturbances Induced by Sleep Restriction as Potential Triggers for Alzheimer's Disease. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 722523. | 2.1 | 5 |
| 136 | Association of Gut Microbiota with Dietary-dependent Childhood Obesity. <i>Archives of Medical Research</i> , 2022, 53, 407-415. | 3.3 | 5 |
| 137 | The Methylene tetrahydrofolate Reductase C677T (rs1801133) and Apolipoprotein A5-1131T>C (rs662799) Polymorphisms, and Anemia Are Independent Risk Factors for Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1357-1362. | 1.6 | 4 |
| 138 | Surface Redistribution of Interferon β -Receptor and its Colocalization with the Actin Cytoskeleton. <i>Archives of Medical Research</i> , 1999, 30, 97-105. | 3.3 | 3 |
| 139 | CAPN10 mRNA splicing and decay is not affected by a SNP associated with susceptibility to type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 831-836. | 2.1 | 3 |
| 140 | Neuropathy-specific alterations in a Mexican population of diabetic patients. <i>BMC Neurology</i> , 2017, 17, 161. | 1.8 | 3 |
| 141 | Agreement between the "point of care" tests for microalbuminuria and HbA1c performed in Mexican family medicine units and the results of standard laboratory tests. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 87-93. | 1.2 | 3 |
| 142 | The MC4R p.Ile269Asn mutation confers a high risk for type 2 diabetes in the Mexican population via obesity dependent and independent effects. <i>Scientific Reports</i> , 2021, 11, 3097. | 3.3 | 3 |
| 143 | Severe Quantitative Scale of Acanthosis Nigrans in Neck is Associated with Abdominal Obesity, HOMA-IR, and Hyperlipidemia in Obese Children from Mexico City: A Cross-Sectional Study. <i>Dermatology Research and Practice</i> , 2022, 2022, 1-9. | 0.8 | 3 |
| 144 | Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits The Hispanic/Latino Anthropometry Consortium. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100099. | 1.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Risk-Profile and Feature Selection Comparison in Diabetic Retinopathy. Journal of Personalized Medicine, 2021, 11, 1327. | 2.5 | 3 |
| 146 | Degradation of Pro-Insulin-Receptor Proteins by Proteasomes. Archives of Medical Research, 2004, 35, 18-23. | 3.3 | 2 |
| 147 | O-GlcNAc-Selective-N-Acetyl-β-D-Glucosaminidase Activity and mRNA Expression in Muscle Is Related to Glucosamine-Induced Insulin Resistance. Pharmacology, 2010, 85, 121-130. | 2.2 | 2 |
| 148 | Identification of People with Diabetes Treatment through Lipids Profile Using Machine Learning Algorithms. Healthcare (Switzerland), 2021, 9, 422. | 2.0 | 2 |
| 149 | PPARβ, adiponectin, and GLUT4 overexpression induced by moronic acid methyl ester influenced glucose and triglyceride levels of experimental diabetic mice. Canadian Journal of Physiology and Pharmacology, 2022, 100, 295-305. | 1.4 | 2 |
| 150 | Micronutrients of the one-carbon metabolism cycle are altered in mothers and neonates by gestational diabetes and are associated with weight, height and head circumference at birth. Journal of Nutritional Biochemistry, 2022, 105, 108996. | 4.2 | 2 |
| 151 | Genetic variants in SLC22A1 are related to serum lipid levels in Mexican women. Lipids, 2022, 57, 105-114. | 1.7 | 2 |
| 152 | Marcadores genéticos relacionados con el desarrollo de síndrome metabólico y riesgo de enfermedad coronaria cardiaca. Acta Universitaria, 0, 25, 9-13. | 0.2 | 1 |
| 153 | Response: High Thyroid-stimulating Hormone Levels Increase Proinflammatory and Cardiovascular Markers in Patients with Extreme Obesity. Archives of Medical Research, 2017, 48, 217. | 3.3 | 0 |
| 154 | Genetic Determinants of Type 2 Diabetes. , 2019, , 117-125. | | 0 |
| 155 | Consejos y comités editoriales de las revistas médicas. Gaceta Medica De Mexico, 2019, 155, 121-123. | 0.3 | 0 |
| 156 | Prevalencia de dislipidemia y riesgo cardiovascular en pacientes con diabetes mellitus tipo 2. Atención Familiar, 2019, 26, 81. | 0.1 | 0 |
| 157 | Association of KCNQ1 Polymorphism with Type 2 Diabetes in Mexican Population. Biomedical Journal of Scientific & Technical Research, 2019, 22, . | 0.1 | 0 |
| 158 | Gaceta Médica de México en tiempos de pandemia por SARS-CoV-2. Gaceta Medica De Mexico, 2020, 156, 261-262. | 0.3 | 0 |