

Carlos A Aguilar-Salinas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179 papers	9,113 citations	44 h-index	92 g-index
288 ext. papers	11,904 ext. citations	5.8 avg, IF	5.72 L-index

#	Paper	IF	Citations
179	Serum Vitamin D Levels Are Associated With Increased COVID-19 Severity and Mortality Independent of Whole-Body and Visceral Adiposity.. <i>Frontiers in Nutrition</i> , 2022 , 9, 813485	6.2	5
178	Epicardial adipose tissue thickness is associated with increased COVID-19 severity and mortality.. <i>International Journal of Obesity</i> , 2022 ,	5.5	2
177	Zinc associated nanomaterials and their intervention in emerging respiratory viruses: Journey to the field of biomedicine and biomaterials.. <i>Coordination Chemistry Reviews</i> , 2022 , 457, 214402	23.2	4
176	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	0.8	0
175	Trends in the prevalence of metabolic syndrome and its components in Mexican adults, 2006-2018.. <i>Salud Publica De Mexico</i> , 2021 , 63, 713-724	1.7	2
174	Prevalence trends of diabetes subgroups in the US: A data-driven analysis spanning three decades from NHANES (1988-2018). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
173	DASH Diet as a Proposal for Improvement in Cellular Immunity and Its Association with Metabolic Parameters in Persons with Overweight and Obesity. <i>Nutrients</i> , 2021 , 13,	6.7	2
172	The Lancet Commission on diabetes: using data to transform diabetes care and patient lives. <i>Lancet, The</i> , 2021 , 396, 2019-2082	40	90
171	A High Incidence of Metabolic Syndrome Traits in Mexicans Points at Obesity-Related Metabolic Dysfunction. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021 , 14, 1073-1082	3.4	1
170	Natural course of metabolically healthy phenotype and risk of developing Cardiometabolic diseases: a three years follow-up study. <i>BMC Endocrine Disorders</i> , 2021 , 21, 85	3.3	5
169	Comparative assessment of LDL-C and VLDL-C estimation in familial combined hyperlipidemia using Sampson\$, Martin\$ and Friedewald\$ equations. <i>Lipids in Health and Disease</i> , 2021 , 20, 46	4.4	6
168	Liver fibrosis in patients with metabolic associated fatty liver disease is a risk factor for adverse outcomes in COVID-19. <i>Digestive and Liver Disease</i> , 2021 , 53, 525-533	3.3	13
167	LCAT deficiency: a systematic review with the clinical and genetic description of Mexican kindred. <i>Lipids in Health and Disease</i> , 2021 , 20, 70	4.4	2
166	Unequal Impact of Structural Health Determinants and Comorbidity on COVID-19 Severity and Lethality in Older Mexican Adults: Considerations Beyond Chronological Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e52-e59	6.4	44
165	Use of an electronic integral monitoring system for patients with diabetes to identify factors associated with an adequate glycemic goal and to measure quality of care. <i>Primary Care Diabetes</i> , 2021 , 15, 162-168	2.4	
164	Increased visceral fat accumulation modifies the effect of insulin resistance on arterial stiffness and hypertension risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 506-517	4.5	2
163	Comparison of Two Electronic Systems for Obtaining Diabetes Care Indicators in Clinical Practice. <i>Clinical Diabetes</i> , 2021 , 39, 167-172	2.9	

162	Diabetes Awareness, Treatment, and Control among Mexico City Residents. <i>International Journal of Diabetology</i> , 2021 , 2, 16-30	1	0
161	Impact of undiagnosed type 2 diabetes and pre-diabetes on severity and mortality for SARS-CoV-2 infection. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	16
160	Familial hypertriglyceridemia: an entity with distinguishable features from other causes of hypertriglyceridemia. <i>Lipids in Health and Disease</i> , 2021 , 20, 14	4.4	5
159	Adaptive Metabolic and Inflammatory Responses Identified Using Accelerated Aging Metrics Are Linked to Adverse Outcomes in Severe SARS-CoV-2 Infection. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e117-e126	6.4	5
158	Triglyceride-rich lipoproteins and their remnants: metabolic insights, role in atherosclerotic cardiovascular disease, and emerging therapeutic strategies-a consensus statement from the European Atherosclerosis Society. <i>European Heart Journal</i> , 2021 ,	9.5	35
157	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Lancet, The</i> , 2021 , 398, 1713-1725	4.0	14
156	A higher bacterial inward BCAA transport driven by <i>Faecalibacterium prausnitzii</i> is associated with lower serum levels of BCAA in early adolescents. <i>Molecular Medicine</i> , 2021 , 27, 108	6.2	0
155	Familial hypercholesterolemia in Mexico: Initial insights from the national registry. <i>Journal of Clinical Lipidology</i> , 2021 , 15, 124-133	4.9	7
154	New Therapies for Primary Hyperlipidaemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	2
153	Prevalence and associated risk factors of diabetic retinopathy and macular oedema in patients recently diagnosed with type 2 diabetes. <i>BMJ Open Ophthalmology</i> , 2020 , 5, e000304	3.2	5
152	Predicting Mortality Due to SARS-CoV-2: A Mechanistic Score Relating Obesity and Diabetes to COVID-19 Outcomes in Mexico. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	199
151	Remnant lipoproteins: are they equal to or more atherogenic than LDL?. <i>Current Opinion in Lipidology</i> , 2020 , 31, 132-139	4.4	21
150	Design of a cluster-randomized trial of the effectiveness and cost-effectiveness of metformin on prevention of type 2 diabetes among prediabetic Mexican adults (the PRuDENTE initiative of Mexico City). <i>Contemporary Clinical Trials</i> , 2020 , 95, 106067	2.3	1
149	Intermittent Fasting as Part of the Management for T2DM: from Animal Models to Human Clinical Studies. <i>Current Diabetes Reports</i> , 2020 , 20, 13	5.6	9
148	The combination of insulin resistance and visceral adipose tissue estimation improves the performance of metabolic syndrome as a predictor of type 2 diabetes. <i>Diabetic Medicine</i> , 2020 , 37, 1192-1201	3.5	6
147	Use of PCSK9 Inhibitor in a Mexican Boy with Compound Heterozygous Familial Hypercholesterolemia: A Case Report. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvz018	0.4	3
146	Contribution of Known Genetic Risk Variants to Dyslipidemias and Type 2 Diabetes in Mexico: A Population-Based Nationwide Study. <i>Genes</i> , 2020 , 11,	4.2	4
145	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. <i>Gut Microbes</i> , 2020 , 11, 900-917	8.8	12

144	Bioethics in the COVID-19 Pandemic Research: Challenges and Strategies. <i>Revista De Investigacion Clinica</i> , 2020 , 72, 265-270	1.6	1
143	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score. <i>PLoS ONE</i> , 2020 , 15, e0244051	3.7	12
142	Reducing the Clinical and Public Health Burden of Familial Hypercholesterolemia: A Global Call to Action. <i>JAMA Cardiology</i> , 2020 , 5, 217-229	16.2	85
141	Type 1 diabetes incidence in children and adolescents in Mexico: Data from a nation-wide institutional register during 2000-2018. <i>Diabetes Research and Clinical Practice</i> , 2020 , 159, 107949	7.4	2
140	Sucralose Consumption over 2 Weeks in Healthy Subjects Does Not Modify Fasting Plasma Concentrations of Appetite-Regulating Hormones: A Randomized Clinical Trial. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020 , 120, 1295-1304	3.9	3
139	Development and validation of a tool for predicting type 2 diabetes in Mexican women of reproductive age. <i>Endocrinología, Diabetes Y Nutrición</i> , 2020 , 67, 578-585	1.3	1
138	Clinical characterization of data-driven diabetes subgroups in Mexicans using a reproducible machine learning approach. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	12
137	Metabolic Score for Visceral Fat (METS-VF), a novel estimator of intra-abdominal fat content and cardio-metabolic health. <i>Clinical Nutrition</i> , 2020 , 39, 1613-1621	5.9	11
136	Bioethics in Medical Care Rationing During the Coronavirus Disease-19 Pandemic. <i>Revista De Investigacion Clinica</i> , 2020 , 73, 1-5	1.6	1
135	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
134	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
133	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
132	Validation and repurposing of the MSL-COVID-19 score for prediction of severe COVID-19 using simple clinical predictors in a triage setting: The Nutri-CoV score 2020 , 15, e0244051		
131	Recent advances in managing/understanding the metabolic syndrome. <i>F1000Research</i> , 2019 , 8,	3.6	34
130	Empowerment of patients with type 2 diabetes: current perspectives. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019 , 12, 1311-1321	3.4	15
129	Fibroblast Growth Factor 21 and Browning of White Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 37	4.6	60
128	Development and validation of a predictive model for incident type 2 diabetes in middle-aged Mexican adults: the metabolic syndrome cohort. <i>BMC Endocrine Disorders</i> , 2019 , 19, 41	3.3	20
127	Long-term effectiveness of a type 2 diabetes comprehensive care program. The CAIPaDi model. <i>Diabetes Research and Clinical Practice</i> , 2019 , 151, 128-137	7.4	12

126	Prediction of incident hypertension and arterial stiffness using the non-insulin-based metabolic score for insulin resistance (METS-IR) index. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1063-1070	2.3	11
125	Attributable Burden and Expenditure of Cardiovascular Diseases and Associated Risk Factors in Mexico and other Selected Mega-Countries. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
124	The SLC16A11 risk haplotype is associated with decreased insulin action, higher transaminases and large-size adipocytes. <i>European Journal of Endocrinology</i> , 2019 , 180, 99-107	6.5	10
123	The Role of Diet in Patients with Metabolic Syndrome. <i>Current Medicinal Chemistry</i> , 2019 , 26, 3613-3619	4.3	7
122	A panel of 32 AIMS suitable for population stratification correction and global ancestry estimation in Mexican mestizos. <i>BMC Genetics</i> , 2019 , 20, 5	2.6	9
121	METS-IR, a novel score to evaluate insulin sensitivity, is predictive of visceral adiposity and incident type 2 diabetes. <i>European Journal of Endocrinology</i> , 2018 , 178, 533-544	6.5	43
120	Asymptomatic Coronary Artery Calcifications in Men with Systemic Lupus Erythematosus. <i>Journal of Rheumatology</i> , 2018 , 45, 663-670	4.1	2
119	Peripheral Lymphocytes, Obesity, and Metabolic Syndrome in Young Adults: An Immunometabolism Study. <i>Metabolic Syndrome and Related Disorders</i> , 2018 , 16, 342-349	2.6	10
118	DYSLIPIDEMIA IN MEXICO, A CALL FOR ACTION. <i>Revista De Investigacion Clinica</i> , 2018 , 70, 211-216	1.6	9
117	FAMILIAL COMBINED HYPERLIPIDEMIA: CURRENT KNOWLEDGE, PERSPECTIVES, AND CONTROVERSIES. <i>Revista De Investigacion Clinica</i> , 2018 , 70, 224-236	1.6	19
116	LIPID DISORDERS: ADVANCES IN RESEARCH AND CHALLENGES IN CLINICAL PRACTICE. <i>Revista De Investigacion Clinica</i> , 2018 , 70, 209-210	1.6	
115	Frailty, diabetes, and the convergence of chronic disease in an age-related condition: a population-based nationwide cross-sectional analysis of the Mexican nutrition and health survey. <i>Aging Clinical and Experimental Research</i> , 2018 , 30, 935-941	4.8	16
114	Low Salivary Amylase Gene () Copy Number Is Associated with Obesity and Gut Abundance in Mexican Children and Adults. <i>Nutrients</i> , 2018 , 10,	6.7	25
113	Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Atherosclerosis</i> , 2018 , 277, 234-255	3.1	93
112	The development of the Mexican Familial Hypercholesterolemia (FH) National Registry. <i>Atherosclerosis</i> , 2018 , 277, 517-523	3.1	2
111	Collaborative research and actions on both sides of the US-Mexico border to counteract type 2 diabetes in people of Mexican origin. <i>Globalization and Health</i> , 2018 , 14, 84	10	44
110	Sucralose decreases insulin sensitivity in healthy subjects: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 485-491	7	34
109	Insulin Adherence in Type 2 Diabetes in Mexico: Behaviors and Barriers. <i>Journal of Diabetes Research</i> , 2018 , 2018, 3190849	3.9	11

108	Achievement of low-density lipoprotein cholesterol goals in 18 countries outside Western Europe: The International Cholesterol management Practice Study (ICLPS). <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1087-1094	3.9	53
107	Aspects of Multicomponent Integrated Care Promote Sustained Improvement in Surrogate Clinical Outcomes: A Systematic Review and Meta-analysis. <i>Diabetes Care</i> , 2018 , 41, 1312-1320	14.6	41
106	Mexican Carriers of the p.E508K Variant Do Not Experience an Enhanced Response to Sulfonylureas. <i>Diabetes Care</i> , 2018 , 41, 1726-1731	14.6	8
105	Performance of LDL-C calculated with Martin's formula compared to the Friedewald equation in familial combined hyperlipidemia. <i>Atherosclerosis</i> , 2018 , 277, 204-210	3.1	25
104	Setting the Lipid Component of the Diet: A Work in Process. <i>Advances in Nutrition</i> , 2017 , 8, 165S-172S	10	5
103	Laboratory-based and office-based risk scores and charts to predict 10-year risk of cardiovascular disease in 182 countries: a pooled analysis of prospective cohorts and health surveys. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 196-213	18.1	56
102	Diabetes in Latin America 2017 , 101-126		5
101	Prenatal Docosahexaenoic Acid Supplementation Does Not Affect Nonfasting Serum Lipid and Glucose Concentrations of Offspring at 4 Years of Age in a Follow-Up of a Randomized Controlled Clinical Trial in Mexico. <i>Journal of Nutrition</i> , 2017 , 147, 242-247	4.1	6
100	Epidemiology of diabetes mellitus in Mexico. <i>Nutrition Reviews</i> , 2017 , 75, 4-12	6.4	40
99	Prevention of diabetes in Mexico: pragmatic solutions for a complex problem. <i>Nutrition Reviews</i> , 2017 , 75, 107-111	6.4	
98	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017 , 390, 2627-2642	40	2980
97	Prevalence of metabolic syndrome among elderly Mexicans. <i>Archives of Gerontology and Geriatrics</i> , 2017 , 73, 288-293	4	17
96	Effect of bariatric surgery on heart failure. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 567-579	2.5	17
95	An Amino Acid Signature Associated with Obesity Predicts 2-Year Risk of Hypertriglyceridemia in School-Age Children. <i>Scientific Reports</i> , 2017 , 7, 5607	4.9	31
94	Interaction Between Depression, Obesity, and Type 2 Diabetes: A Complex Picture. <i>Archives of Medical Research</i> , 2017 , 48, 582-591	6.6	21
93	Real Time Monitoring of Children, and Adults with Mental Disabilities Using a Low-Cost Non-Invasive Electronic Device. <i>Micromachines</i> , 2017 , 8,	3.3	1
92	Non-Nutritive Sweeteners: Evidence on their Association with Metabolic Diseases and Potential Effects on Glucose Metabolism and Appetite. <i>Revista De Investigacion Clinica</i> , 2017 , 69, 129-138	1.6	8
91	Geriatric Syndromes and Not Cardiovascular Risk Factors are Associated with Cognitive Impairment among Mexican Community-Dwelling Elderly with Type 2 Diabetes. <i>Revista De Investigacion Clinica</i> , 2017 , 69, 166-172	1.6	2

90	The role of bariatric surgery in the management of nonalcoholic fatty liver disease and metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1196-207	12.7	62
89	Modulation of energy balance by fibroblast growth factor 21. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 30,	1.3	21
88	The panorama of familial hypercholesterolemia in Latin America: a systematic review. <i>Journal of Lipid Research</i> , 2016 , 57, 2115-2129	6.3	20
87	Impact of Body Mass Index >50 on Cardiac Structural and Functional Characteristics and Surgical Outcomes After Bariatric Surgery. <i>Obesity Surgery</i> , 2016 , 26, 2772-2778	3.7	7
86	Molecular Characterization of the Lipid Genome-Wide Association Study Signal on Chromosome 18q11.2 Implicates HNF4A-Mediated Regulation of the TMEM241 Gene. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1350-5	9.4	7
85	Assessment of two different diagnostic guidelines criteria (National Cholesterol Education Adult Treatment Panel III [ATP III] and International Diabetes Federation [IDF]) for the evaluation of metabolic syndrome remission in a longitudinal cohort of patients undergoing Roux-en-Y gastric bypass. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 102, 1161-6	3.6	19
84	Effects of the Non-Nutritive Sweeteners on Glucose Metabolism and Appetite Regulating Hormones: Systematic Review of Observational Prospective Studies and Clinical Trials. <i>PLoS ONE</i> , 2016 , 11, e0161264	3.7	64
83	Pooling and expanding registries of familial hypercholesterolaemia to assess gaps in care and improve disease management and outcomes: Rationale and design of the global EAS Familial Hypercholesterolaemia Studies Collaboration. <i>Atherosclerosis Supplements</i> , 2016 , 22, 1-32	1.7	60
82	Impact of anthropometric cut-off values in determining the prevalence of metabolic alterations. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 940-946	4.6	10
81	Prevalence, incidence and characteristics of the metabolic syndrome (MetS) in a cohort of Mexican Mestizo early rheumatoid arthritis patients treated with conventional disease modifying anti-rheumatic drugs: the complex relationship between MetS and disease activity. <i>Arthritis Research & Therapy</i> , 2015 , 17, 21	5.7	21
80	A novel risk score to predict cardiovascular disease risk in national populations (Globorisk): a pooled analysis of prospective cohorts and health examination surveys. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 339-55	18.1	125
79	Familial hypercholesterolaemia: A global call to arms. <i>Atherosclerosis</i> , 2015 , 243, 257-9	3.1	123
78	Prognostic value of metabolic syndrome for the development of cardiovascular disease in a cohort of premenopausal women with systemic lupus erythematosus. <i>Medicina Clínica</i> , 2015 , 144, 289-96	1	7
77	Determinants of VLDL composition and apo B-containing particles in familial combined hyperlipidemia. <i>Clinica Chimica Acta</i> , 2015 , 438, 160-5	6.2	12
76	Prognostic value of metabolic syndrome for the development of cardiovascular disease in a cohort of premenopausal women with systemic lupus erythematosus. <i>Medicina Clínica (English Edition)</i> , 2015 , 144, 289-296	0.3	1
75	Sequence variants in SLC16A11 are a common risk factor for type 2 diabetes in Mexico. <i>Nature</i> , 2014 , 506, 97-101	50.4	323
74	Genetic and environmental determinants of the susceptibility of Amerindian derived populations for having hypertriglyceridemia. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 887-94	12.7	24
73	Factors associated with postprandial lipemia and apolipoprotein A-V levels in individuals with familial combined hyperlipidemia. <i>BMC Endocrine Disorders</i> , 2014 , 14, 90	3.3	8

72	Amerindian-specific regions under positive selection harbour new lipid variants in Latinos. <i>Nature Communications</i> , 2014 , 5, 3983	17.4	68
71	Association of a low-frequency variant in HNF1A with type 2 diabetes in a Latino population. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 2305-14	27.4	164
70	Epidemiology of type 1 diabetes in Latin America. <i>Current Diabetes Reviews</i> , 2014 , 10, 75-85	2.7	12
69	Innovative models for the empowerment of patients with type 2 diabetes: the CAIPaDi program. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2014 , 8, 202-9		16
68	Genomic study in Mexicans identifies a new locus for triglycerides and refines European lipid loci. <i>Journal of Medical Genetics</i> , 2013 , 50, 298-308	5.8	89
67	The R230C variant of the ATP binding cassette protein A1 (ABCA1) gene is associated with a decreased response to glyburide therapy in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 638-41	12.7	9
66	Diabetes in Mexico: cost and management of diabetes and its complications and challenges for health policy. <i>Globalization and Health</i> , 2013 , 9, 3	10	93
65	Diabetes mellitus tipo 2 y frecuencia de acciones para su prevención y control. <i>Salud Publica De Mexico</i> , 2013 , 55, 137	1.7	27
64	A dietary pattern including nopal, chia seed, soy protein, and oat reduces serum triglycerides and glucose intolerance in patients with metabolic syndrome. <i>Journal of Nutrition</i> , 2012 , 142, 64-9	4.1	70
63	Contribution of common genetic variation to the risk of type 2 diabetes in the Mexican Mestizo population. <i>Diabetes</i> , 2012 , 61, 3314-21	0.9	71
62	Exercise increases serum fibroblast growth factor 21 (FGF21) levels. <i>PLoS ONE</i> , 2012 , 7, e38022	3.7	109
61	Evidence-based medicine and the selection of lipid-lowering therapy in type 2 diabetes. <i>Current Diabetes Reports</i> , 2012 , 12, 221-3	5.6	1
60	Primary amenorrhea in two sisters: description of a Mexican family with 17 β -hydroxylase-17 lyase deficiency caused by arginine - stop mutation. <i>Gynecological Endocrinology</i> , 2012 , 28, 733-5	2.4	2
59	Prevalence of obesity and metabolic syndrome components in Mexican adults without type 2 diabetes or hypertension. <i>Salud Publica De Mexico</i> , 2012 , 54, 7-12	1.7	30
58	The non-synonymous Arg230Cys variant (R230C) of the ATP-binding cassette transporter A1 is associated with low HDL cholesterol concentrations in Mexican adults: a population based nation wide study. <i>Atherosclerosis</i> , 2011 , 216, 146-50	3.1	17
57	Estimated incidence of cardiovascular complications related to type 2 diabetes in Mexico using the UKPDS outcome model and a population-based survey. <i>Cardiovascular Diabetology</i> , 2011 , 10, 1	8.7	35
56	Hypertension in Mexican adults: results from the National Health and Nutrition Survey 2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S63-71	1.7	36
55	Investigation of variants identified in caucasian genome-wide association studies for plasma high-density lipoprotein cholesterol and triglycerides levels in Mexican dyslipidemic study samples. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 31-8		35

54	Identification of two common variants contributing to serum apolipoprotein B levels in Mexicans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 353-9	9.4	9
53	Daily physical activity, fasting glucose, uric acid, and body mass index are independent factors associated with serum fibroblast growth factor 21 levels. <i>European Journal of Endocrinology</i> , 2010 , 163, 469-77	6.5	39
52	A functional ABCA1 gene variant is associated with low HDL-cholesterol levels and shows evidence of positive selection in Native Americans. <i>Human Molecular Genetics</i> , 2010 , 19, 2877-85	5.6	98
51	Association of R230C ABCA1 gene variant with low HDL-C levels and abnormal HDL subclass distribution in Mexican school-aged children. <i>Clinica Chimica Acta</i> , 2010 , 411, 1214-7	6.2	14
50	Methodology for the analysis of type 2 diabetes, metabolic syndrome and cardiovascular disease risk indicators in the ENSANUT 2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S4-10	1.7	10
49	Metabolic syndrome in Mexican adults: results from the National Health and Nutrition Survey 2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S11-8	1.7	100
48	Early-onset type 2 diabetes in a Mexican survey: results from the National Health and Nutrition Survey 2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S27-35	1.7	24
47	Prevalence of dyslipidemias in the Mexican National Health and Nutrition Survey 2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S44-53	1.7	67
46	Prevention of cardiovascular disease based on lipid lowering treatment: a challenge for the Mexican health system. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S54-62	1.7	4
45	Trends for type 2 diabetes and other cardiovascular risk factors in Mexico from 1993-2006. <i>Salud Publica De Mexico</i> , 2010 , 52 Suppl 1, S72-9	1.7	40
44	Metabolic syndrome and non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2009 , 8, S18-S24	3.1	108
43	A systems genetics approach implicates USF1, FADS3, and other causal candidate genes for familial combined hyperlipidemia. <i>PLoS Genetics</i> , 2009 , 5, e1000642	6	129
42	Hypoalphalipoproteinemia in populations of Native American ancestry: an opportunity to assess the interaction of genes and the environment. <i>Current Opinion in Lipidology</i> , 2009 , 20, 92-7	4.4	24
41	Genome-wide scan identifies variation in MLXIPL associated with plasma triglycerides. <i>Nature Genetics</i> , 2008 , 40, 149-51	36.3	262
40	High adiponectin concentrations are associated with the metabolically healthy obese phenotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4075-9	5.6	210
39	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, 509-13	0.9	70
38	WW-domain-containing oxidoreductase is associated with low plasma HDL-C levels. <i>American Journal of Human Genetics</i> , 2008 , 83, 180-92	11	41
37	The ATP-binding cassette transporter A1 R230C variant affects HDL cholesterol levels and BMI in the Mexican population: association with obesity and obesity-related comorbidities. <i>Diabetes</i> , 2007 , 56, 1881-7	0.9	81

36	The ATP-binding cassette transporter subfamily A member 1 (ABC-A1) and type 2 diabetes: an association beyond HDL cholesterol. <i>Current Diabetes Reviews</i> , 2007 , 3, 264-7	2.7	19
35	A genomewide admixture map for Latino populations. <i>American Journal of Human Genetics</i> , 2007 , 80, 1024-36	11	232
34	Genetic heterogeneity of autosomal dominant hypercholesterolemia in Mexico. <i>Archives of Medical Research</i> , 2006 , 37, 102-8	6.6	25
33	Design and validation of a population-based definition of the metabolic syndrome. <i>Diabetes Care</i> , 2006 , 29, 2420-6	14.6	9
32	Common hepatic nuclear factor-4alpha variants are associated with high serum lipid levels and the metabolic syndrome. <i>Diabetes</i> , 2006 , 55, 1970-7	0.9	54
31	The metabolic syndrome: a concept hard to define. <i>Archives of Medical Research</i> , 2005 , 36, 223-31	6.6	55
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5	Predicting mortality due to SARS-CoV-2: A mechanistic score relating obesity and diabetes to COVID-19 outcomes in Mexico		26
4	Unequal impact of structural health determinants and comorbidity on COVID-19 severity and lethality in older Mexican adults: Looking beyond chronological aging		5
3	Adaptive metabolic and inflammatory responses identified using accelerated aging metrics are linked to adverse outcomes in severe SARS-CoV-2 infection		3
2	Serum Vitamin D levels are associated with increased COVID-19 severity and mortality independent of visceral adiposity		2
1	Epicardial adipose tissue thickness is associated with increased severity and mortality related to SARS-CoV-2 infection		1

