Teresa Villarreal

List of Publications by Year
in descending order

66 papers	2,061 citations	257101 24 h-index	253896 43 g-index
69 all docs	69 docs citations	69 times ranked	3283 citing authors

#	Article	IF	Citations
1	Clinical Spectrum of SCN5A Channelopathy in Children with Primary Electrical Disease and Structurally Normal Hearts. Genes, 2022, 13, 16.	1.0	5
2	Fanconi Anemia Patients from an Indigenous Community in Mexico Carry a New Founder Pathogenic Variant in FANCG. International Journal of Molecular Sciences, 2022, 23, 2334.	1.8	4
3	Compound Heterozygous KCNQ1 Mutations Causing Recessive Romanoâ€“Ward Syndrome: Functional Characterization by Mutant Co-expression. Frontiers in Cardiovascular Medicine, 2021, 8, 625449.	1.1	7
4	The Role of the ATP-Binding Cassette A1 (ABCA1) in Human Disease. International Journal of Molecular Sciences, 2021, 22, 1593.	1.8	73
5	Endothelial Dysfunction, Inflammation and Coronary Artery Disease: Potential Biomarkers and Promising Therapeutical Approaches. International Journal of Molecular Sciences, 2021, 22, 3850.	1.8	153
6	Genome-Wide Association Study Identifies a Functional SIDT2 Variant Associated With HDL-C (High-Density Lipoprotein Cholesterol) Levels and Premature Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2494-2508.	1.1	10
7	Genomic study of dilated cardiomyopathy in a group of Mexican patients using siteâ€directed next generation sequencing. Molecular Genetics & Genomic Medicine, 2020, 8, e1504.	0.6	12
8	Use of Human Umbilical Vein Endothelial Cells (HUVEC) as a Model to Study Cardiovascular Disease: A Review. Applied Sciences (Switzerland), 2020, 10, 938.	1.3	114
9	Catecholaminergic polymorphic ventricular tachycardia due to de novo RyR2 mutation: recreational cycling as a trigger of lethal arrhythmias. Archives of Medical Science, 2020, 16, 466-470.	0.4	6
10	Influence of Genetic and Non-Genetic Risk Factors for Serum Uric Acid Levels and Hyperuricemia in Mexicans. Nutrients, 2019, 11, 1336.	1.7	28
11	FANCC Dutch founder mutation in a Mennonite family from Tamaulipas, MÃ©xico. Molecular Genetics & Genomic Medicine, 2019, 7, e710.	0.6	6
12	Host Genetics, Diet, and Microbiome: The Role of AMY1. Trends in Microbiology, 2019, 27, 473-475.	3.5	5
13	Fine mapping and identification of serum urate loci in American Indians: The Strong Heart Family Study. Scientific Reports, 2019, 9, 17899.	1.6	1
14	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
15	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
16	Raet1e Polymorphisms Are Associated with Increased Risk of Developing Premature Coronary Artery Disease and with Some Cardiometabolic Parameters: The GEA Mexican Study. Mediators of Inflammation, 2018, 2018, 1-10.	1.4	3
17	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
18	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

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19	Compound heterozygous KCNQ1 mutations (A300T/P535T) in a child with sudden unexplained death: Insights into possible molecular mechanisms based on protein modeling. Gene, 2017, 627, 40-48.	1.0	7
20	Receptor-interacting protein 2 (RIP2) gene polymorphisms are associated with increased risk of subclinical atherosclerosis and clinical and metabolic parameters. The Genetics of Atherosclerotic Disease (GEA) Mexican study. Experimental and Molecular Pathology, 2017, 102, 1-6.	0.9	2
21	Demographic history and biologically relevant genetic variation of Native Mexicans inferred from whole-genome sequencing. Nature Communications, 2017, 8, 1005.	5.8	44
22	An Amino Acid Signature Associated with Obesity Predicts 2-Year Risk of Hypertriglyceridemia in School-Age Children. Scientific Reports, 2017, 7, 5607.	1.6	43
23	A combined linkage and association strategy identifies a variant near the GSTP1 gene associated with BMI in the Mexican population. Journal of Human Genetics, 2017, 62, 413-418.	1.1	3
24	PLA2G2A polymorphisms are associated with metabolic syndrome and type 2 diabetes mellitus. Results from the genetics of atherosclerotic disease Mexican study. Immunobiology, 2017, 222, 967-972.	0.8	17
25	Interleukin 35 Polymorphisms Are Associated with Decreased Risk of Premature Coronary Artery Disease, Metabolic Parameters, and IL-35 Levels: The Genetics of Atherosclerotic Disease (GEA) Study. Mediators of Inflammation, 2017, 2017, 1-10.	1.4	40
26	The rs7044343 Polymorphism of the Interleukin 33 Gene Is Associated with Decreased Risk of Developing Premature Coronary Artery Disease and Central Obesity, and Could Be Involved in Regulating the Production of IL-33. PLoS ONE, 2017, 12, e0168828.	1.1	21
27	Interleukin-27 polymorphisms are associated with premature coronary artery disease and metabolic parameters in the Mexican population: the genetics of atherosclerotic disease (GEA) Mexican study. Oncotarget, 2017, 8, 64459-64470.	0.8	31
28	Hepatic miRâ€33a/miRâ€144 and their target gene ABCA1 are associated with steatohepatitis in morbidly obese subjects. Liver International, 2016, 36, 1383-1391.	1.9	69
29	Serum magnesium is inversely associated with coronary artery calcification in the Genetics of Atherosclerotic Disease (GEA) study. Nutrition Journal, 2015, 15, 22.	1.5	37
30	Interleukin-17A Gene Haplotypes Are Associated with Risk of Premature Coronary Artery Disease in Mexican Patients from the Genetics of Atherosclerotic Disease (GEA) Study. PLoS ONE, 2015, 10, e0114943.	1.1	21
31	Dietary fat and carbohydrate modulate the effect of the ATP-binding cassette A1 (ABCA1) R230C variant on metabolic risk parameters in premenopausal women from the Genetics of Atherosclerotic Disease (GEA) Study. Nutrition and Metabolism, 2015, 12, 45.	1.3	14
32	Hepatic lipase (LIPC) C-514T gene polymorphism is associated with cardiometabolic parameters and cardiovascular risk factors but not with fatty liver in Mexican population. Experimental and Molecular Pathology, 2015, 98, 93-98.	0.9	19
33	Role of adiponectin and free fatty acids on the association between abdominal visceral fat and insulin resistance. Cardiovascular Diabetology, 2015, 14, 20.	2.7	62
34	Monocyte chemoattractant protein-1 gene (MCP-1) polymorphisms are associated with risk of premature coronary artery disease in Mexican patients from the Genetics of Atherosclerotic Disease (GEA) study. Immunology Letters, 2015, 167, 125-130.	1.1	12
35	The (G>A) rs11573191 Polymorphism ofPLA2G5Gene Is Associated with Premature Coronary Artery Disease in the Mexican Mestizo Population: The Genetics of Atherosclerotic Disease Mexican Study. BioMed Research International, 2014, 2014, 1-6.	0.9	4
36	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

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37	IL-24 Gene Polymorphisms Are Associated with Cardiometabolic Parameters and Cardiovascular Risk Factors But Not with Premature Coronary Artery Disease: The Genetics of Atherosclerotic Disease Mexican Study. Journal of Interferon and Cytokine Research, 2014, 34, 659-666.	0.5	10
38	Founder effect and ancestral origin of the spinocerebellar ataxia type 7 (SCA7) mutation in Mexican families. Neurogenetics, 2014, 15, 13-17.	0.7	10
39	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
40	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
41	The HIF1A rs2057482 polymorphism is associated with risk of developing premature coronary artery disease and with some metabolic and cardiovascular risk factors. The Genetics of Atherosclerotic Disease (GEA) Mexican Study. Experimental and Molecular Pathology, 2014, 96, 405-410.	0.9	18
42	Premature and severe cardiovascular disease in a Mexican male with markedly low high-density-lipoprotein-cholesterol levels and a mutation in the lecithin:cholesterol acyltransferase gene: A family study. International Journal of Molecular Medicine, 2014, 33, 1570-1576.	1.8	8
43	Association of the I148M/PNPLA3 variant with elevated alanine transaminase levels in normal-weight and overweight/obese Mexican children. Gene, 2013, 520, 185-188.	1.0	34
44	Single Nucleotide Polymorphisms of the Angiotensin-Converting Enzyme (ACE) Gene Are Associated with Essential Hypertension and Increased ACE Enzyme Levels in Mexican Individuals. PLoS ONE, 2013, 8, e65700.	1.1	25
45	Contribution of Common Genetic Variants to Obesity and Obesity-Related Traits in Mexican Children and Adults. PLoS ONE, 2013, 8, e70640.	1.1	90
46	Single Nucleotide Polymorphisms within LIPA (Lysosomal Acid Lipase A) Gene Are Associated with Susceptibility to Premature Coronary Artery Disease. A Replication in the Genetic of Atherosclerotic Disease (GEA) Mexican Study. PLoS ONE, 2013, 8, e74703.	1.1	26
47	Carbohydrate Intake Modulates the Effect of the ABCA1 -R230C Variant on HDL Cholesterol Concentrations in Premenopausal Women. Journal of Nutrition, 2012, 142, 278-283.	1.3	15
48	Evolutionary Responses to a Constructed Niche: Ancient Mesoamericans as a Model of Gene-Culture Coevolution. PLoS ONE, 2012, 7, e38862.	1.1	34
49	Adiponectin: Anti-inflammatory and cardioprotective effects. Biochimie, 2012, 94, 2143-2149.	1.3	163
50	PCSK1 rs6232 Is Associated with Childhood and Adult Class III Obesity in the Mexican Population. PLoS ONE, 2012, 7, e39037.	1.1	25
51	The ABCA1 Gene R230C Variant Is Associated with Decreased Risk of Premature Coronary Artery Disease: The Genetics of Atherosclerotic Disease (GEA) Study. PLoS ONE, 2012, 7, e49285.	1.1	69
52	VNN1 Gene Expression Levels and the G-137T Polymorphism Are Associated with HDL-C Levels in Mexican Prepubertal Children. PLoS ONE, 2012, 7, e49818.	1.1	9
53	Effects of n-3 Fatty Acids Supplementation on Insulin Resistance. , 2011, , 46-57.		0
54	A functional ABCA1 gene variant is associated with low HDL-cholesterol levels and shows evidence of positive selection in Native Americans. Human Molecular Genetics, 2010, 19, 2877-2885.	1.4	133

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55	Association of R230C ABCA1 gene variant with low HDL-C levels and abnormal HDL subclass distribution in Mexican school-aged children. Clinica Chimica Acta, 2010, 411, 1214-1217.	0.5	20
56	Hypoalphalipoproteinemia in populations of Native American ancestry: an opportunity to assess the interaction of genes and the environment. Current Opinion in Lipidology, 2009, 20, 92-97.	1.2	31
57	Methylenetetrahydrofolate Reductase C677T and Glutathione S-Transferase P1 A313G Are Associated with a Reduced Risk of Preeclampsia in Maya-Mestizo Women. Hypertension Research, 2008, 31, 1015-1019.	1.5	58
58	Association of the ATP-Binding Cassette Transporter A1 R230C Variant With Early-Onset Type 2 Diabetes in a Mexican Population. Diabetes, 2008, 57, 509-513.	0.3	89
59	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. Diabetes, 2007, 56, 1881-1887.	0.3	95
60	The ATP-Binding Cassette Transporter Subfamily A Member 1 (ABC-A1) and Type 2 Diabetes: An Association Beyond HDL Cholesterol. Current Diabetes Reviews, 2007, 3, 264-267.	0.6	21
61	Myocardial Perfusion and Ventricular Function Assessed by SPECT and Gated-SPECT in End-Stage Renal Disease Patients before and after Renal Transplant. Archives of Medical Research, 2007, 38, 227-233.	1.5	10
62	HNF-1? G574S is a functional variant with decreased transactivation activity. Diabetic Medicine, 2006, 23, 1295-1300.	1.2	5
63	Founder effect for the Ala431Glu mutation of the presenilin 1 gene causing early-onset Alzheimerâ€™s disease in Mexican families. Neurogenetics, 2006, 7, 195-200.	0.7	47
64	XV-2c/KM-19 haplotype analysis of cystic fibrosis mutations in Mexican patients. American Journal of Medical Genetics Part A, 2001, 102, 277-281.	2.4	3
65	Mild cystic fibrosis disease in three Mexican deltaâ€F508/G551S compound heterozygous siblings. Clinical Genetics, 1995, 47, 96-98.	1.0	2
66	Identification of the I507 deletion by site-directed mutagenesis. American Journal of Medical Genetics Part A, 1994, 51, 137-139.	2.4	7