Lisa de las Fuentes

List of Publications by Year
in descending order

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98 papers	4,319 citations	136950 32 h-index	118850 62 g-index
101 all docs	101 docs citations	101 times ranked	7783 citing authors

#	Article	IF	Citations
1	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	6.5	29
2	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. Science Advances, 2022, 8, eabl6579.	10.3	36
3	High rates of undiagnosed and uncontrolled hypertension upon a screening campaign in rural Rwanda: a cross-sectional study. BMC Cardiovascular Disorders, 2022, 22, 197.	1.7	3
4	Myocardial glucose and fatty acid metabolism is altered and associated with lower cardiac function in young adults with Barth syndrome. Journal of Nuclear Cardiology, 2021, 28, 1649-1659.	2.1	21
5	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. Human Genetics and Genomics Advances, 2021, 2, 100013.	1.7	2
6	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. EBioMedicine, 2021, 63, 103157.	6.1	14
7	Whole-Exome Sequencing and hiPSC Cardiomyocyte Models Identify MYRIP, TRAPPC11, and SLC27A6 of Potential Importance to Left Ventricular Hypertrophy in an African Ancestry Population. Frontiers in Genetics, 2021, 12, 588452.	2.3	3
8	Development of a Health Information Technology Tool for Behavior Change to Address Obesity and Prevent Chronic Disease Among Adolescents: Designing for Dissemination and Sustainment Using the ORBIT Model. Frontiers in Digital Health, 2021, 3, 648777.	2.8	11
9	A risk assessment tool for resumption of research activities during the COVID-19 pandemic for field trials in low resource settings. BMC Medical Research Methodology, 2021, 21, 68.	3.1	8
10	Ultrasound Core Laboratory for the Household Air Pollution Intervention Network Trial: Standardized Training and Image Management for Field Studies Using Portable Ultrasound in Fetal, Lung, and Vascular Evaluations. Ultrasound in Medicine and Biology, 2021, 47, 1506-1513.	1.5	4
11	2020 AHA/ACC guideline for the diagnosis and treatment of patients with hypertrophic cardiomyopathy. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, e23-e106.	0.8	33
12	Resistance exercise training with protein supplementation improves skeletal muscle strength and improves quality of life in late adolescents and young adults with Barth syndrome: A pilot study. JIMD Reports, 2021, 62, 74-84.	1.5	1
13	Population sequencing data reveal a compendium of mutational processes in the human germ line. Science, 2021, 373, 1030-1035.	12.6	43
14	Exploring contextual factors influencing the implementation of evidence-based care for hypertension in Rwanda: a cross-sectional study using the COACH questionnaire. BMJ Open, 2021, 11, e048425.	1.9	1
15	Lifestyle Risk Score: handling missingness of individual lifestyle components in meta-analysis of gene-by-lifestyle interactions. European Journal of Human Genetics, 2021, 29, 839-850.	2.8	0
16	Genome-wide meta-analysis of variant-by-diuretic interactions as modulators of lipid traits in persons of European and African ancestry. Pharmacogenomics Journal, 2020, 20, 482-493.	2.0	4
17	The TDR MOOC training in implementation research: evaluation of feasibility and lessons learned in Rwanda. Pilot and Feasibility Studies, 2020, 6, 66.	1.2	12
18	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. Molecular Psychiatry, 2020, 26, 2111-2125.	7.9	17

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19	Identifying blood pressure loci whose effects are modulated by multiple lifestyle exposures. Genetic Epidemiology, 2020, 44, 629-641.	1.3	6
20	Low dose chloroquine decreases insulin resistance in human metabolic syndrome but does not reduce carotid intima-media thickness. Diabetology and Metabolic Syndrome, 2019, 11, 61.	2.7	15
21	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, 5121.	12.8	62
22	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	85
23	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	12.8	64
24	Research Education and Mentoring Program in Cardiovascular Diseases for Under-Represented Junior Faculty From NHLBI SIPID/PRIDE. Journal of the American College of Cardiology, 2019, 73, 1861-1865.	2.8	9
25	Recent Innovations, Modifications, and Evolution of ACC/AHA Clinical Practice Guidelines: An Update for Our Constituencies: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. Circulation, 2019, 139, e879-e886.	1.6	41
26	Recent Innovations, Modifications,ÂandÂEvolution of ACC/AHA Clinical Practice Guidelines: An Update for OurÂConstituencies. Journal of the American College of Cardiology, 2019, 73, 1990-1998.	2.8	30
27	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	2.9	31
28	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	21.4	112
29	Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents, and young adults with Barth syndrome. Journal of Inherited Metabolic Disease, 2019, 42, 480-493.	3.6	24
30	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138.	6.2	106
31	Dissemination and Implementation Program in Hypertension in Rwanda: Report on Initial Training and Evaluation. Global Heart, 2019, 14, 135.	2.3	9
32	Determinants of Diuretic Responsiveness and Associated Outcomes During Acute Heart Failure Hospitalization: An Analysis From the NHLBI Heart Failure Network Clinical Trials. Journal of Cardiac Failure, 2018, 24, 428-438.	1.7	31
33	Reduced Muscle Strength in Barth Syndrome May Be Improved by Resistance Exercise Training: A Pilot Study. JIMD Reports, 2018, 41, 63-72.	1.5	13
34	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
35	The Promise of Selecting Individuals from the Extremes of Exposure in the Analysis of Gene-Physical Activity Interactions. Human Heredity, 2018, 83, 315-332.	0.8	2
36	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.5	94

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37	Impaired cardiac and skeletal muscle bioenergetics in children, adolescents, and young adults with Barth syndrome. Physiological Reports, 2017, 5, e13130.	1.7	33
38	A Review of the Genetics of Hypertension with a Focus on Gene-Environment Interactions. Current Hypertension Reports, 2017, 19, 23.	3.5	39
39	Diagnostic accuracy of damage-associated molecular patterns (DAMPs) in patients with heart failure with a reduced ejection fraction. Journal of Clinical and Translational Science, 2017, 1, 208-209.	0.6	2
40	Mentored Training to Increase Diversity among Faculty in the Biomedical Sciences: The NHLBI Summer Institute Programs to Increase Diversity (SIPID) and the Programs to Increase Diversity among Individuals Engaged in Health-related Research (PRIDE). Ethnicity and Disease, 2017, 27, 249.	2.3	23
41	Genetic association of left ventricular mass assessed by M-mode and two-dimensional echocardiography. Journal of Hypertension, 2016, 34, 88-96.	0.5	6
42	Timing and Causes of Readmission After Acute Heart Failure Hospitalizationâ€"Insights From the Heart Failure Network Trials. Journal of Cardiac Failure, 2016, 22, 875-883.	1.7	78
43	Three Approaches to Modeling Geneâ€Environment Interactions in Longitudinal Family Data: Geneâ€Smoking Interactions in Blood Pressure. Genetic Epidemiology, 2016, 40, 73-80.	1.3	2
44	Effects of Moderate and Subsequent Progressive Weight Loss on Metabolic Function and Adipose Tissue Biology in Humans with Obesity. Cell Metabolism, 2016, 23, 591-601.	16.2	592
45	Intensification of Medication Therapy for Cardiorenal Syndrome in Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2016, 22, 26-32.	1.7	48
46	Influence of Smoking Status and Intensity on Discovery of Blood Pressure Loci Through Geneâ€Smoking Interactions. Genetic Epidemiology, 2015, 39, 480-488.	1.3	17
47	Single Nucleotide Polymorphismâ€"Single Nucleotide Polymorphism Interactions Among Inflammation Genes in the Genetic Architecture of Blood Pressure in the Framingham Heart Study. American Journal of Hypertension, 2015, 28, 248-255.	2.0	5
48	Geneâ€"Smoking Interactions Identify Several Novel Blood Pressure Loci in the Framingham Heart Study. American Journal of Hypertension, 2015, 28, 343-354.	2.0	52
49	Aggregate blood pressure responses to serial dietary sodium and potassium intervention: defining responses using independent component analysis. BMC Genetics, 2015, 16, 64.	2.7	0
50	Nitrateâ€™s Effect on Activity Tolerance in Heart Failure With Preserved Ejection Fraction Trial. Circulation: Heart Failure, 2015, 8, 221-228.	3.9	31
51	Adiposity and Cardiometabolic Risk in Children With and Without Antipsychotic Drug Treatment. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3418-3426.	3.6	2
52	A Custom Correlation Coefficient (CCC) Approach for Fast Identification of Multiâ€SNP Association Patterns in Genomeâ€Wide SNPs Data. Genetic Epidemiology, 2014, 38, 610-621.	1.3	38
53	Williams Syndrome Predisposes to Vascular Stiffness Modified by Antihypertensive Use and Copy Number Changes in NCF1. Hypertension, 2014, 63, 74-79.	2.7	69
54	Gene-Education Interactions Identify Novel Blood Pressure Loci in the Framingham Heart Study. American Journal of Hypertension, 2014, 27, 431-444.	2.0	19

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55	Cardiovascular Phenotype in HFpEF Patients With or Without Diabetes. Journal of the American College of Cardiology, 2014, 64, 541-549.	2.8	157
56	Left Ventricular Mass Progression despite Stable Blood Pressure and Kidney Function in Stage 3 Chronic Kidney Disease. American Journal of Nephrology, 2014, 39, 392-399.	3.1	30
57	The St. Louis African American health-heart study: methodology for the study of cardiovascular disease and depression in young-old African Americans. BMC Cardiovascular Disorders, 2013, 13, 66.	1.7	4
58	Effects of Phosphate Binder Therapy on Vascular Stiffness in Early-Stage Chronic Kidney Disease. American Journal of Nephrology, 2013, 38, 158-167.	3.1	65
59	Relationships Among HIV Infection, Metabolic Risk Factors, and Left Ventricular Structure and Function. AIDS Research and Human Retroviruses, 2013, 29, 1151-1160.	1.1	3
60	An Overview of the Genomics of Metabolic Syndrome. Journal of Nursing Scholarship, 2013, 45, 52-59.	2.4	33
61	The role of SNP-loop diuretic interactions in hypertension across ethnic groups in HyperGEN. Frontiers in Genetics, 2013, 4, 304.	2.3	11
62	Pathway-based genome-wide association analysis of coronary heart disease identifies biologically important gene sets. European Journal of Human Genetics, 2012, 20, 1168-1173.	2.8	26
63	Vitamin D Suppression of Endoplasmic Reticulum Stress Promotes an Antiatherogenic Monocyte/Macrophage Phenotype in Type 2 Diabetic Patients. Journal of Biological Chemistry, 2012, 287, 38482-38494.	3.4	96
64	Obesityâ€“insulin targeted genes in the 3p26-25 region in human studies and LG/J and SM/J mice. Metabolism: Clinical and Experimental, 2012, 61, 1129-1141.	3.4	9
65	Abnormalities in Cardiac Structure and Function in Adults with Sickle Cell Disease are not Associated with Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2011, 24, 1285-1290.	2.8	16
66	Variable set enrichment analysis in genome-wide association studies. European Journal of Human Genetics, 2011, 19, 893-900.	2.8	14
67	Effects of Sodium Thiosulfate on Vascular Calcification in End-Stage Renal Disease: A Pilot Study of Feasibility, Safety and Efficacy. American Journal of Nephrology, 2011, 33, 131-138.	3.1	45
68	Association and interaction of PPAR-complex gene variants with latent traits of left ventricular diastolic function. BMC Medical Genetics, 2010, 11, 65.	2.1	5
69	Molecular Determinants of the Cardiometabolic Phenotype. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2010, 10, 109-123.	1.2	7
70	Are Normative Values for LV Geometry and Mass Based on Fundamental Imaging Valid with Use ofÂHarmonic Imaging?. Journal of the American Society of Echocardiography, 2010, 23, 1317-1322.	2.8	6
71	Central aortic pressure is independently associated with diastolic function. American Heart Journal, 2010, 159, 1081-1088.	2.7	15
72	Relation of Serum Fetuin-A Levels to Coronary Artery Calcium in African-American Patients on Chronic Hemodialysis. American Journal of Cardiology, 2009, 103, 46-49.	1.6	23

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73	Effect of Moderate Diet-Induced Weight Loss and Weight Regain on Cardiovascular Structure and Function. Journal of the American College of Cardiology, 2009, 54, 2376-2381.	2.8	130
74	Interatrial Conduction Time and Left Atrial Function in Patients With Left Ventricular Systolic Dysfunction: Effects of Cardiac Resynchronization Therapy. Journal of the American Society of Echocardiography, 2009, 22, 472-477.	2.8	21
75	Role of Serotoninergic Pathways in Drug-Induced Valvular Heart Disease and Diagnostic Features by Echocardiography. Journal of the American Society of Echocardiography, 2009, 22, 883-889.	2.8	32
76	Enhanced detection of genetic association of hypertensive heart disease by analysis of latent phenotypes. Genetic Epidemiology, 2008, 32, 528-538.	1.3	7
77	Left Ventricular Diastolic Filling Prior to Cardiac Resynchronization Therapy: Implications for Atrioventricular Delay Programming. PACE - Pacing and Clinical Electrophysiology, 2008, 31, 838-844.	1.2	11
78	Doppler Echocardiographic Methods for Optimization of the Atrioventricular Delay during Cardiac Resynchronization Therapy. Echocardiography, 2008, 25, 1047-1055.	0.9	23
79	Osteopontin Promoter Polymorphism Is Associated With Increased Carotid Intima-Media Thickness. Journal of the American Society of Echocardiography, 2008, 21, 954-960.	2.8	25
80	Insulin resistance predicts endothelial dysfunction and cardiovascular risk in HIV-infected persons on long-term highly active antiretroviral therapy. Aids, 2008, 22, 849-856.	2.2	29
81	A Novel Method Combining Linkage Disequilibrium Information and Imputed Functional Knowledge for tagSNP Selection. Human Heredity, 2007, 64, 243-249.	0.8	4
82	Role of Tissue Doppler and Color M-Mode Imaging for Evaluation of Diastolic Function in Ambulatory Patients with LV Systolic Dysfunction. Echocardiography, 2007, 24, 478-484.	0.9	1
83	Relation of Left Ventricular Lead Placement in Cardiac Resynchronization Therapy to Left Ventricular Reverse Remodeling and to Diastolic Dyssynchrony. American Journal of Cardiology, 2007, 99, 239-241.	1.6	17
84	Characterization of Left Ventricular Diastolic Function in Hypertension by Use of Doppler Tissue Imaging and Color M-Mode Techniques. Journal of the American Society of Echocardiography, 2006, 19, 872-879.	2.8	44
85	N-terminal Pro B-type Natriuretic Peptide Levels: Correlation with Echocardiographically Determined Left Ventricular Diastolic Function in an Ambulatory Cohort. Journal of the American Society of Echocardiography, 2006, 19, 1017-1025.	2.8	27
86	Alterations in Left Ventricular Structure and Function in Type-1 Diabetics: A Focus on Left Atrial Contribution to Function. Journal of the American Society of Echocardiography, 2006, 19, 749-755.	2.8	23
87	Clinical Outcomes After Cardiac Resynchronization Therapy: Importance of Left Ventricular Diastolic Function and Origin of Heart Failure. Journal of the American Society of Echocardiography, 2006, 19, 307-313.	2.8	39
88	Hypertensive left ventricular hypertrophy is associated with abnormal myocardial fatty acid metabolism and myocardial efficiency. Journal of Nuclear Cardiology, 2006, 13, 369-377.	2.1	50
89	Metabolic syndrome is associated with abnormal left ventricular diastolic function independent of left ventricular mass. European Heart Journal, 2006, 28, 553-559.	2.2	140
90	Cardiac resynchronization therapy acutely improves diastolic function. Journal of the American Society of Echocardiography, 2005, 18, 216-220.	2.8	43

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91	Plasma Triglyceride Level is an Independent Predictor of Altered Left Ventricular Relaxation. Journal of the American Society of Echocardiography, 2005, 18, 1285-1291.	2.8	41
92	Improvements in Left Ventricular Diastolic Function After Cardiac Resynchronization Therapy Are Coupled to Response in Systolic Performance. Journal of the American College of Cardiology, 2005, 46, 2244-2249.	2.8	62
93	Genes for left ventricular hypertrophy. Current Hypertension Reports, 2004, 6, 36-41.	3.5	40
94	Timing of cardiac transplantation in patients with heart failure receiving Î²-adrenergic blockers. Journal of Heart and Lung Transplantation, 2003, 22, 1141-1148.	0.6	74
95	Myocardial Fatty Acid Metabolism. Hypertension, 2003, 41, 83-87.	2.7	141
96	Altered myocardial fatty acid and glucose metabolism in idiopathic dilated cardiomyopathy. Journal of the American College of Cardiology, 2002, 40, 271-277.	2.8	432
97	Growth Factors and Decidualization in Vitro. Annals of the New York Academy of Sciences, 1994, 734, 7-18.	3.8	56
98	Insulin-like growth factor regulation of human endometrial stromal cell function: coordinate effects on insulin-like growth factor binding protein-1, cell proliferation and prolactin secretion. Regulatory Peptides, 1993, 48, 165-177.	1.9	84