

Luis Castaño

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,269
citations

257450

24
h-index

155660

55
g-index

74
all docs

74
docs citations

74
times ranked

4763
citing authors

#	ARTICLE	IF	CITATIONS
1	ImprintSeq, a novel tool to interrogate DNA methylation at human imprinted regions and diagnose multilocus imprinting disturbance. <i>Genetics in Medicine</i> , 2022, 24, 463-474.	2.4	8
2	Erythrocyte Membrane Nanomechanical Rigidity Is Decreased in Obese Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1920.	4.1	8
3	Candidate Biomarkers for the Prediction and Monitoring of Partial Remission in Pediatric Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2022, 13, 825426.	4.8	9
4	25(OH)Vitamin D Deficiency and Calcifediol Treatment in Pediatrics. <i>Nutrients</i> , 2022, 14, 1854.	4.1	6
5	Novel genes and sex differences in COVID-19 severity. <i>Human Molecular Genetics</i> , 2022, 31, 3789-3806.	2.9	38
6	Growth and development of islet autoimmunity and type 1 diabetes in children genetically at risk. <i>Diabetologia</i> , 2021, 64, 826-835.	6.3	18
7	Molecular Differences Based on Erythrocyte Fatty Acid Profile to Personalize Dietary Strategies between Adults and Children with Obesity. <i>Metabolites</i> , 2021, 11, 43.	2.9	11
8	Incidence of diabetes mellitus and associated risk factors in the adult population of the Basque country, Spain. <i>Scientific Reports</i> , 2021, 11, 3016.	3.3	10
9	Five patients with disorders of calcium metabolism presented with GCM2 gene variants. <i>Scientific Reports</i> , 2021, 11, 2968.	3.3	8
10	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. <i>Cancer Research</i> , 2021, 81, 2874-2887.	0.9	27
11	Potential of Erythrocyte Membrane Lipid Profile as a Novel Inflammatory Biomarker to Distinguish Metabolically Healthy Obesity in Children. <i>Journal of Personalized Medicine</i> , 2021, 11, 337.	2.5	10
12	Dietary Macronutrient Composition in Relation to Circulating HDL and Non-HDL Cholesterol: A Federated Individual-Level Analysis of Cross-Sectional Data from Adolescents and Adults in 8 European Studies. <i>Journal of Nutrition</i> , 2021, 151, 2317-2329.	2.9	8
13	Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. <i>Lancet, The</i> , 2021, 398, 121-130.	13.7	316
14	Fatty liver index as a predictor for type 2 diabetes in subjects with normoglycemia in a nationwide cohort study. <i>Scientific Reports</i> , 2021, 11, 16453.	3.3	5
15	Clinical and genetic characteristics in patients under 30 years with sporadic pituitary adenomas. <i>European Journal of Endocrinology</i> , 2021, 185, 485-496.	3.7	12
16	Variants of STAR, AMH and ZFPM2/FOG2 May Contribute towards the Broad Phenotype Observed in 46,XY DSD Patients with Heterozygous Variants of NR5A1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8554.	4.1	9
17	Fatty Acid Profile of Mature Red Blood Cell Membranes and Dietary Intake as a New Approach to Characterize Children with Overweight and Obesity. <i>Nutrients</i> , 2020, 12, 3446.	4.1	20
18	Rare Germline DICER1 Variants in Pediatric Patients With Cushing's Disease: What Is Their Role?. <i>Frontiers in Endocrinology</i> , 2020, 11, 433.	3.5	7

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19	Liver osteopontin is required to prevent the progression of age-related nonalcoholic fatty liver disease. <i>Aging Cell</i> , 2020, 19, e13183.	6.7	20
20	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort Di@bet.es study. <i>Scientific Reports</i> , 2020, 10, 2765.	3.3	71
21	Novel variant in the CNM2 gene associated with dominant hypomagnesemia. <i>PLoS ONE</i> , 2020, 15, e0239965.	2.5	10
22	Incidence and regression of metabolic syndrome in a representative sample of the Spanish population: results of the cohort Di@bet.es study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, .	2.8	1
23	Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. <i>Clinical Chemistry</i> , 2019, 65, 1141-1152.	3.2	62
24	Negative autoimmunity in a Spanish pediatric cohort suspected of type 1 diabetes, could it be monogenic diabetes?. <i>PLoS ONE</i> , 2019, 14, e0220634.	2.5	11
25	Broad Phenotypes of Disorders/Differences of Sex Development in MAMLD1 Patients Through Oligogenic Disease. <i>Frontiers in Genetics</i> , 2019, 10, 746.	2.3	22
26	Dairy Product Consumption and Metabolic Diseases in the Di@bet.es Study. <i>Nutrients</i> , 2019, 11, 262.	4.1	10
27	Variable phenotype in HNF1B mutations: extrarenal manifestations distinguish affected individuals from the population with congenital anomalies of the kidney and urinary tract. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 373-379.	2.9	31
28	Thyroid hormone resistance from newborns to adults: a Spanish experience. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 941-949.	3.3	17
29	DEXI, a candidate gene for type 1 diabetes, modulates rat and human pancreatic beta cell inflammation via regulation of the type I IFN/STAT signalling pathway. <i>Diabetologia</i> , 2019, 62, 459-472.	6.3	32
30	Novel mutations associated with inherited human calcium-sensing receptor disorders: A clinical genetic study. <i>European Journal of Endocrinology</i> , 2019, 180, 59-70.	3.7	14
31	Ambient temperature and prevalence of diabetes and insulin resistance in the Spanish population: Di@bet.es study. <i>European Journal of Endocrinology</i> , 2019, 180, 273-280.	3.7	18
32	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. <i>Journal of Nutrition</i> , 2018, 148, 285-297.	2.9	13
33	Maturity Onset Diabetes of the Young (MODY) in Tunisia: Low frequencies of GCK and HNF1A mutations. <i>Gene</i> , 2018, 651, 44-48.	2.2	16
34	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 38.	7.4	105
35	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. <i>Scientific Reports</i> , 2018, 8, 6571.	3.3	17
36	Celiac Disease-associated lncRNA Named <i>HCG14</i> Regulates <i>NOD1</i> Expression in Intestinal Cells. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 225-231.	1.8	13

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37	Hvidoere Smiley Faces: International diabetes quality of life assessment tool for young children. <i>Pediatric Diabetes</i> , 2018, 19, 553-558.	2.9	7
38	Targets and teamwork: Understanding differences in pediatric diabetes centers treatment outcomes. <i>Pediatric Diabetes</i> , 2018, 19, 559-565.	2.9	19
39	Celiac Male's Gluten-Free Diet Profile: Comparison to that of the Control Population and Celiac Women. <i>Nutrients</i> , 2018, 10, 1713.	4.1	16
40	ISPAD Clinical Practice Consensus Guidelines 2018: The diagnosis and management of monogenic diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2018, 19, 47-63.	2.9	227
41	Successful use of cinacalcet to treat parathyroid-related hypercalcemia in two pediatric patients. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2018, 2018, .	0.5	3
42	GATA4 Variants in Individuals With a 46,XY Disorder of Sex Development (DSD) May or May Not Be Associated With Cardiac Defects Depending on Second Hits in Other DSD Genes. <i>Frontiers in Endocrinology</i> , 2018, 9, 142.	3.5	26
43	Identification of a novel large CASR deletion in a patient with familial hypocalciuric hypercalcemia. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2018, 2018, .	0.5	1
44	An Activating Mutation in <i>STAT3</i> Results in Neonatal Diabetes Through Reduced Insulin Synthesis. <i>Diabetes</i> , 2017, 66, 1022-1029.	0.6	46
45	Heterogeneity in phenotype of hyperinsulinism caused by activating glucokinase mutations: a novel mutation and its functional characterization. <i>Clinical Endocrinology</i> , 2017, 86, 778-783.	2.4	15
46	Osteopontin regulates the cross-talk between phosphatidylcholine and cholesterol metabolism in mouse liver. <i>Journal of Lipid Research</i> , 2017, 58, 1903-1915.	4.2	18
47	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017, 27, 156-166.	4.5	50
48	Prevalence of diabetes mellitus and impaired glucose metabolism in the adult population of the Basque Country, Spain. <i>Diabetic Medicine</i> , 2017, 34, 662-666.	2.3	20
49	Lower Frequency of HLA-DRB1 Type 1 Diabetes Risk Alleles in Pediatric Patients with MODY. <i>PLoS ONE</i> , 2017, 12, e0169389.	2.5	7
50	Prevalence, Diagnosis, Treatment, and Control of Hypertension in Spain. Results of the Di@bet.es Study. <i>Revista Española De Cardiología (English Ed)</i> , 2016, 69, 572-578.	0.6	41
51	Clinical and genetic characterization of congenital hyperinsulinism in Spain. <i>European Journal of Endocrinology</i> , 2016, 174, 717-726.	3.7	17
52	Normal intellectual development in children born from women with hypothyroxinemia during their pregnancy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 18-24.	3.0	22
53	Experiencia en el tratamiento con inmunoterapia en 3 pacientes con ataxia cerebelosa asociada a anticuerpos anticarboxilasa del Ácido glutámico. <i>Neurología</i> , 2015, 30, 247-249.	0.7	5
54	Pseudohypoparathyroidism Type Ib Associated with Novel Duplications in the GNAS Locus. <i>PLoS ONE</i> , 2015, 10, e0117691.	2.5	20

#	ARTICLE	IF	CITATIONS
55	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. Obesity, 2014, 22, 2328-2332.	3.0	32
56	Prevalence of plasma lipid abnormalities and its association with glucose metabolism in Spain: The di@bet.es study. Clínica E Investigaci3n En Arteriosclerosis, 2014, 26, 107-114.	0.8	15
57	Highly Sensitive Diagnosis of 43 Monogenic Forms of Diabetes or Obesity Through One-Step PCR-Based Enrichment in Combination With Next-Generation Sequencing. Diabetes Care, 2014, 37, 460-467.	8.6	69
58	Prevalence of Obesity, Diabetes and Other Cardiovascular Risk Factors in Andalusia (Southern Spain). Comparison With National Prevalence Data. The Di@bet.es Study. Revista Espanola De Cardiologia (English Ed), 2014, 67, 442-448.	0.6	36
59	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 947-955.	2.6	26
60	Use of Drugs Related to the Treatment of Diabetes Mellitus and Other Cardiovascular Risk Factors in the Spanish Population. The Di@bet.es Study. Revista Espanola De Cardiologia (English Ed), 2013, 66, 854-863.	0.6	5
61	Metabolic outcomes in young children with1 diabetes differ between treatment centers: the Hvidoere Study in Young Children 2009. Pediatric Diabetes, 2013, 14, 422-428.	2.9	58
62	Absence of diabetes mellitus type 2 in obese children and adolescents in the north of Spain. Journal of Pediatric Endocrinology and Metabolism, 2013, 26, 25-9.	0.9	19
63	Consumption of cows™ milk is associated with lower risk of type 2 diabetes mellitus. A cross-sectional study. International Dairy Journal, 2012, 26, 162-165.	3.0	3
64	Ten Novel Mutations in the NR5A1 Gene Cause Disordered Sex Development in 46,XY and Ovarian Insufficiency in 46,XX Individuals. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1294-E1306.	3.6	108
65	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. Diabetologia, 2012, 55, 88-93.	6.3	812
66	Target setting in intensive insulin management is associated with metabolic control: the Hvidoere Childhood Diabetes Study Group Centre Differences Study 2005. Pediatric Diabetes, 2010, 11, 271-278.	2.9	115
67	Recessive mutations in the <i>INS</i> gene result in neonatal diabetes through reduced insulin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3105-3110.	7.1	185
68	Exploring the diabetogenicity of the HLA-B18-DR3 CEH: independent association with T1D genetic risk close to HLA-DOA. Genes and Immunity, 2009, 10, 596-600.	4.1	16
69	Mutations in GCK and HNF-1? explain the majority of cases with clinical diagnosis of MODY in Spain. Clinical Endocrinology, 2007, 67, 070615230707001-???.	2.4	70
70	Conserved extended haplotypes discriminate HLA-DR3-homozygous Basque patients with type 1 diabetes mellitus and celiac disease. Genes and Immunity, 2006, 7, 550-554.	4.1	48
71	15 Dynamic of Anti-Transglutaminase Autoantibodies in the Follow-Up of Celiac Children with Gluten Free Diet: Comparison of IgG and IgA. Pediatric Research, 2005, 57, 922-922.	2.3	0
72	Influence of Sex and Age at Onset on Autoantibodies against Insulin, GAD₆₅ and IA2 in Recent Onset Type 1 Diabetic Patients. Hormone Research in Paediatrics, 2000, 54, 181-185.	1.8	21