Luis CastaÃ±o

List of Publications by Year
in descending order

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72	3,269	257101	155451
papers	citations	24 h-index	55 g-index

74	74	74	4763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. Diabetologia, 2012, 55, 88-93.	2.9	812
2	Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. Lancet, The, 2021, 398, 121-130.	6.3	316
3	ISPAD Clinical Practice Consensus Guidelines 2018: The diagnosis and management of monogenic diabetes in children and adolescents. Pediatric Diabetes, 2018, 19, 47-63.	1.2	227
4	Recessive mutations in the INS 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.	3.3	185
5	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.	1.2	115
6	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.	1.8	108
7	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes. JAMA - Journal of the American Medical Association, 2018, 319, 38.	3.8	105
8	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. Scientific Reports, 2020, 10, 2765.	1.6	71
9	Mutations in GCK and HNF-1? explain the majority of cases with clinical diagnosis of MODY in Spain. Clinical Endocrinology, 2007, 67, 070615230707001-???.	1.2	70
10	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.	4.3	69
11	Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. Clinical Chemistry, 2019, 65, 1141-1152.	1.5	62
12	Metabolic outcomes in young children withÂtype 1 diabetes differ between treatment centers: the Hvidoere Study in Young Children 2009. Pediatric Diabetes, 2013, 14, 422-428.	1.2	58
13	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. Thyroid, 2017, 27, 156-166.	2.4	50
14	Conserved extended haplotypes discriminate HLA-DR3-homozygous Basque patients with type 1 diabetes mellitus and celiac disease. Genes and Immunity, 2006, 7, 550-554.	2.2	48
15	An Activating Mutation in STAT3 Results in Neonatal Diabetes Through Reduced Insulin Synthesis. Diabetes, 2017, 66, 1022-1029.	0.3	46
16	Prevalence, Diagnosis, Treatment, and Control of Hypertension in Spain. Results of the Di@bet.es Study. Revista Espanola De Cardiologia (English Ed), 2016, 69, 572-578.	0.4	41
17	Novel genes and sex differences in COVID-19 severity. Human Molecular Genetics, 2022, 31, 3789-3806.	1.4	38
18	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.	0.4	36

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19	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. Obesity, 2014, 22, 2328-2332.	1.5	32
20	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. Diabetologia, 2019, 62, 459-472.	2.9	32
21	Variable phenotype in HNF1B mutations: extrarenal manifestations distinguish affected individuals from the population with congenital anomalies of the kidney and urinary tract. CKJ: Clinical Kidney Journal, 2019, 12, 373-379.	1.4	31
22	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. Cancer Research, 2021, 81, 2874-2887.	0.4	27
23	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.	1.1	26
24	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. Frontiers in Endocrinology, 2018, 9, 142.	1.5	26
25	Normal intellectual development in children born from women with hypothyroxinemia during their pregnancy. Journal of Trace Elements in Medicine and Biology, 2015, 31, 18-24.	1.5	22
26	Broad Phenotypes of Disorders/Differences of Sex Development in MAMLD1 Patients Through Oligogenic Disease. Frontiers in Genetics, 2019, 10, 746.	1.1	22
27	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.	0.8	21
28	Prevalence of diabetes mellitus and impaired glucose metabolism in the adult population of the Basque Country, Spain. Diabetic Medicine, 2017, 34, 662-666.	1.2	20
29	Fatty Acid Profile of Mature Red Blood Cell Membranes and Dietary Intake as a New Approach to Characterize Children with Overweight and Obesity. Nutrients, 2020, 12, 3446.	1.7	20
30	Liver osteopontin is required to prevent the progression of ageâ€related nonalcoholic fatty liver disease. Aging Cell, 2020, 19, e13183.	3.0	20
31	Pseudohypoparathyroidism Type Ib Associated with Novel Duplications in the GNAS Locus. PLoS ONE, 2015, 10, e0117691.	1.1	20
32	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.	0.4	19
33	Targets and teamwork: Understanding differences in pediatric diabetes centers treatment outcomes. Pediatric Diabetes, 2018, 19, 559-565.	1.2	19
34	Osteopontin regulates the cross-talk between phosphatidylcholine and cholesterol metabolism in mouse liver. Journal of Lipid Research, 2017, 58, 1903-1915.	2.0	18
35	Growth and development of islet autoimmunity and type 1 diabetes in children genetically at risk. Diabetologia, 2021, 64, 826-835.	2.9	18
36	Ambient temperature and prevalence of diabetes and insulin resistance in the Spanish population: Di@bet.es study. European Journal of Endocrinology, 2019, 180, 273-280.	1.9	18

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37	Clinical and genetic characterization of congenital hyperinsulinism in Spain. European Journal of Endocrinology, 2016, 174, 717-726.	1.9	17
38	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. Scientific Reports, 2018, 8, 6571.	1.6	17
39	Thyroid hormone resistance from newborns to adults: a Spanish experience. Journal of Endocrinological Investigation, 2019, 42, 941-949.	1.8	17
40	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.	2.2	16
41	Maturity Onset Diabetes of the Young (MODY) in Tunisia: Low frequencies of GCK and HNF1A mutations. Gene, 2018, 651, 44-48.	1.0	16
42	Celiac Maleâ€™s Gluten-Free Diet Profile: Comparison to that of the Control Population and Celiac Women. Nutrients, 2018, 10, 1713.	1.7	16
43	Prevalence of plasma lipid abnormalities and its association with glucose metabolism in Spain: The di@bet.es study. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2014, 26, 107-114.	0.4	15
44	Heterogeneity in phenotype of hyperinsulinism caused by activating glucokinase mutations: a novel mutation and its functional characterization. Clinical Endocrinology, 2017, 86, 778-783.	1.2	15
45	Novel mutations associated with inherited human calcium-sensing receptor disorders: A clinical genetic study. European Journal of Endocrinology, 2019, 180, 59-70.	1.9	14
46	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. Journal of Nutrition, 2018, 148, 285-297.	1.3	13
47	Celiac Diseaseâ€“associated lncRNA Named HCG14 Regulates NOD1 Expression in Intestinal Cells. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 225-231.	0.9	13
48	Clinical and genetic characteristics in patients under 30 years with sporadic pituitary adenomas. European Journal of Endocrinology, 2021, 185, 485-496.	1.9	12
49	Negative autoimmunity in a Spanish pediatric cohort suspected of type 1 diabetes, could it be monogenic diabetes?. PLoS ONE, 2019, 14, e0220634.	1.1	11
50	Molecular Differences Based on Erythrocyte Fatty Acid Profile to Personalize Dietary Strategies between Adults and Children with Obesity. Metabolites, 2021, 11, 43.	1.3	11
51	Dairy Product Consumption and Metabolic Diseases in the Di@bet.es Study. Nutrients, 2019, 11, 262.	1.7	10
52	Incidence of diabetes mellitus and associated risk factors in the adult population of the Basque country, Spain. Scientific Reports, 2021, 11, 3016.	1.6	10
53	Potential of Erythrocyte Membrane Lipid Profile as a Novel Inflammatory Biomarker to Distinguish Metabolically Healthy Obesity in Children. Journal of Personalized Medicine, 2021, 11, 337.	1.1	10
54	Novel variant in the CNNM2 gene associated with dominant hypomagnesemia. PLoS ONE, 2020, 15, e0239965.	1.1	10

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55	Variants of STAR, AMH and ZFPM2/FOG2 May Contribute towards the Broad Phenotype Observed in 46,XY DSD Patients with Heterozygous Variants of NR5A1. International Journal of Molecular Sciences, 2020, 21, 8554.	1.8	9
56	Candidate Biomarkers for the Prediction and Monitoring of Partial Remission in Pediatric Type 1 Diabetes. Frontiers in Immunology, 2022, 13, 825426.	2.2	9
57	Five patients with disorders of calcium metabolism presented with GCM2 gene variants. Scientific Reports, 2021, 11, 2968.	1.6	8
58	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. Journal of Nutrition, 2021, 151, 2317-2329.	1.3	8
59	ImprintSeq, a novel tool to interrogate DNA methylation at human imprinted regions and diagnose multilocus imprinting disturbance. Genetics in Medicine, 2022, 24, 463-474.	1.1	8
60	Erythrocyte Membrane Nanomechanical Rigidity Is Decreased in Obese Patients. International Journal of Molecular Sciences, 2022, 23, 1920.	1.8	8
61	Hvidoere Smiley Faces: International diabetes quality of life assessment tool for young children. Pediatric Diabetes, 2018, 19, 553-558.	1.2	7
62	Rare Germline DICER1 Variants in Pediatric Patients With Cushing's Disease: What Is Their Role?. Frontiers in Endocrinology, 2020, 11, 433.	1.5	7
63	Lower Frequency of HLA-DRB1 Type 1 Diabetes Risk Alleles in Pediatric Patients with MODY. PLoS ONE, 2017, 12, e0169389.	1.1	7
64	25(OH)Vitamin D Deficiency and Calcifediol Treatment in Pediatrics. Nutrients, 2022, 14, 1854.	1.7	6
65	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.	0.4	5
66	Experiencia en el tratamiento con inmunoterapia en 3 pacientes con ataxia cerebelosa asociada a anticuerpos anticarboxilasa del Ã¡cido glutÃ¡mico. NeurologÃa, 2015, 30, 247-249.	0.3	5
67	Fatty liver index as a predictor for type 2 diabetes in subjects with normoglycemia in a nationwide cohort study. Scientific Reports, 2021, 11, 16453.	1.6	5
68	Consumption of cowsâ€™ milk is associated with lower risk of type 2 diabetes mellitus. A cross-sectional study. International Dairy Journal, 2012, 26, 162-165.	1.5	3
69	Successful use of cinacalcet to treat parathyroid-related hypercalcemia in two pediatric patients. Endocrinology, Diabetes and Metabolism Case Reports, 2018, 2018, .	0.2	3
70	Identification of a novel large CASR deletion in a patient with familial hypocalciuric hypercalcemia. Endocrinology, Diabetes and Metabolism Case Reports, 2018, 2018, .	0.2	1
71	Incidence and regression of metabolic syndrome in a representative sample of the Spanish population: results of the cohort di@bet.es study. BMJ Open Diabetes Research and Care, 2020, 8, .	1.2	1
72	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.	1.1	0