

Luis Castao

List of Publications by Citations

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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.

69
papers

2,059
citations

19
h-index

44
g-index

74
ext. papers

2,773
ext. citations

5.5
avg, IF

3.99
L-index

#	Paper	IF	Citations
69	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. <i>Diabetologia</i> , 2012 , 55, 88-93	10.3	586
68	Recessive mutations in the INS gene result in neonatal diabetes through reduced insulin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3105-10	11.5	149
67	ISPAD Clinical Practice Consensus Guidelines 2018: The diagnosis and management of monogenic diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 47-63	3.6	136
66	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	4.0	133
65	Ten novel mutations in the NR5A1 gene cause disordered sex development in 46,XY and ovarian insufficiency in 46,XX individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1294-306	5.6	90
64	Target setting in intensive insulin management is associated with metabolic control: the Hvidoere childhood diabetes study group centre differences study 2005. <i>Pediatric Diabetes</i> , 2010 , 11, 271-8	3.6	90
63	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes: The TRIGR Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 38-48	27.4	73
62	Highly sensitive diagnosis of 43 monogenic forms of diabetes or obesity through one-step PCR-based enrichment in combination with next-generation sequencing. <i>Diabetes Care</i> , 2014 , 37, 460-7	14.6	58
61	Mutations in GCK and HNF-1alpha explain the majority of cases with clinical diagnosis of MODY in Spain. <i>Clinical Endocrinology</i> , 2007 , 67, 538-46	3.4	51
60	Metabolic outcomes in young children with type 1 diabetes differ between treatment centers: the Hvidoere Study in Young Children 2009. <i>Pediatric Diabetes</i> , 2013 , 14, 422-8	3.6	45
59	Conserved extended haplotypes discriminate HLA-DR3-homozygous Basque patients with type 1 diabetes mellitus and celiac disease. <i>Genes and Immunity</i> , 2006 , 7, 550-4	4.4	45
58	Prevalencia de obesidad, diabetes mellitus y otros factores de riesgo cardiovascular en Andalucía. Comparación con datos de prevalencia nacionales. Estudio Di@bet.es. <i>Revista Espanola De Cardiologia</i> , 2014 , 67, 442-448	1.5	42
57	An Activating Mutation in Results in Neonatal Diabetes Through Reduced Insulin Synthesis. <i>Diabetes</i> , 2017 , 66, 1022-1029	0.9	28
56	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017 , 27, 156-166	6.2	26
55	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 947-55	4.5	24
54	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. <i>Scientific Reports</i> , 2020 , 10, 2765	4.9	24
53	Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. <i>Clinical Chemistry</i> , 2019 , 65, 1141-1152	5.5	23

52	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. <i>Obesity</i> , 2014 , 22, 2328-32	8	23
51	Variable phenotype in 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	4.5	22
50	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	10.3	19
49	Prevalence of obesity, diabetes and other cardiovascular risk factors in Andalusia (southern Spain). Comparison with national prevalence data. The Di@bet.es study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014 , 67, 442-8	0.7	18
48	Pseudohypoparathyroidism type Ib associated with novel duplications in the GNAS locus. <i>PLoS ONE</i> , 2015 , 10, e0117691	3.7	18
47	Prevalence, Diagnosis, Treatment, and Control of Hypertension in Spain. Results of the Di@bet.es Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 572-8	0.7	18
46	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	3.5	16
45	Influence of sex and age at onset on autoantibodies against insulin, GAD65 and IA2 in recent onset type 1 diabetic patients. <i>Hormone Research in Paediatrics</i> , 2000 , 54, 181-5	3.3	16
44	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	4.1	15
43	Clinical and genetic characterization of congenital hyperinsulinism in Spain. <i>European Journal of Endocrinology</i> , 2016 , 174, 717-26	6.5	15
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	5.7	14
41	Absence of diabetes mellitus type 2 in obese children and adolescents in the north of Spain. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2013 , 26, 25-9	1.6	14
40	Exploring the diabetogenicity of the HLA-B18-DR3 CEH: independent association with T1D genetic risk close to HLA-DOA. <i>Genes and Immunity</i> , 2009 , 10, 596-600	4.4	13
39	Maturity Onset Diabetes of the Young (MODY) in Tunisia: Low frequencies of GCK and HNF1A mutations. <i>Gene</i> , 2018 , 651, 44-48	3.8	12
38	Celiac Disease-associated lncRNA Named HCG14 Regulates NOD1 Expression in Intestinal Cells. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018 , 67, 225-231	2.8	12
37	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	3.4	11
36	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	4.9	11
35	Osteopontin regulates the cross-talk between phosphatidylcholine and cholesterol metabolism in mouse liver. <i>Journal of Lipid Research</i> , 2017 , 58, 1903-1915	6.3	11

34	Targets and teamwork: Understanding differences in pediatric diabetes centers treatment outcomes. <i>Pediatric Diabetes</i> , 2018 , 19, 559-565	3.6	11
33	Broad Phenotypes of Disorders/Differences of Sex Development in Patients Through Oligogenic Disease. <i>Frontiers in Genetics</i> , 2019 , 10, 746	4.5	10
32	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. <i>Cancer Research</i> , 2021 , 81, 2874-2887	10.1	10
31	Thyroid hormone resistance from newborns to adults: a Spanish experience. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 941-949	5.2	8
30	Liver osteopontin is required to prevent the progression of age-related nonalcoholic fatty liver disease. <i>Aging Cell</i> , 2020 , 19, e13183	9.9	8
29	Novel mutations associated with inherited human calcium-sensing receptor disorders: A clinical genetic study. <i>European Journal of Endocrinology</i> , 2019 , 180, 59-70	6.5	8
28	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,	6.7	8
27	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. <i>Journal of Nutrition</i> , 2018 , 148, 285-297	4.1	7
26	Prevalence of plasma lipid abnormalities and its association with glucose metabolism in Spain: the di@bet.es study. <i>Clinica E Investigación En Arteriosclerosis</i> , 2014 , 26, 107-14	1.4	7
25	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	6.5	7
24	Celiac Male's Gluten-Free Diet Profile: Comparison to that of the Control Population and Celiac Women. <i>Nutrients</i> , 2018 , 10,	6.7	7
23	Lower Frequency of HLA-DRB1 Type 1 Diabetes Risk Alleles in Pediatric Patients with MODY. <i>PLoS ONE</i> , 2017 , 12, e0169389	3.7	6
22	Growth and development of islet autoimmunity and type 1 diabetes in children genetically at risk. <i>Diabetologia</i> , 2021 , 64, 826-835	10.3	6
21	Experience with immunotherapy in 3 patients with cerebellar ataxia associated with anti-glutamic acid decarboxylase antibodies. <i>Neurología</i> , 2015 , 30, 247-9	1.4	5
20	Novel variant in the CNM2 gene associated with dominant hypomagnesemia. <i>PLoS ONE</i> , 2020 , 15, e0239965	3.7	5
19	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,	3.6	5
18	Dairy Product Consumption and Metabolic Diseases in the Di@bet.es Study. <i>Nutrients</i> , 2019 , 11,	6.7	4
17	Rare Germline Variants in Pediatric Patients With Cushing's Disease: What Is Their Role?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 433	5.7	4

16	Hvidoere Smiley Faces: International diabetes quality of life assessment tool for young children. <i>Pediatric Diabetes</i> , 2018 , 19, 553-558	3.6	4
15	Negative autoimmunity in a Spanish pediatric cohort suspected of type 1 diabetes, could it be monogenic diabetes?. <i>PLoS ONE</i> , 2019 , 14, e0220634	3.7	3
14	Molecular Differences Based on Erythrocyte Fatty Acid Profile to Personalize Dietary Strategies between Adults and Children with Obesity. <i>Metabolites</i> , 2021 , 11,	5.6	3
13	Successful use of cinacalcet to treat parathyroid-related hypercalcemia in two pediatric patients. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2018 , 2018,	1.4	2
12	Consumption of cows' milk is associated with lower risk of type 2 diabetes mellitus. A cross-sectional study. <i>International Dairy Journal</i> , 2012 , 26, 162-165	3.5	2
11	ImprintSeq, a novel tool to interrogate DNA methylation at human imprinted regions and diagnose multilocus imprinting disturbance.. <i>Genetics in Medicine</i> , 2021 ,	8.1	2
10	Variants of and May Contribute towards the Broad Phenotype Observed in 46,XY DSD Patients with Heterozygous Variants of. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
9	Incidence of diabetes mellitus and associated risk factors in the adult population of the Basque country, Spain. <i>Scientific Reports</i> , 2021 , 11, 3016	4.9	2
8	Five patients with disorders of calcium metabolism presented with GCM2 gene variants. <i>Scientific Reports</i> , 2021 , 11, 2968	4.9	2
7	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,	4.5	1
6	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	4.1	1
5	Use of drugs related to the treatment of diabetes mellitus and other cardiovascular risk factors in the Spanish population. The Di@bet.es study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013 , 66, 854-63	0.7	0
4	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	4.9	0
3	Clinical and genetic characteristics in patients under 30 years with sporadic pituitary adenomas. <i>European Journal of Endocrinology</i> , 2021 , 185, 485-496	6.5	0
2	Candidate Biomarkers for the Prediction and Monitoring of Partial Remission in Pediatric Type 1 Diabetes.. <i>Frontiers in Immunology</i> , 2022 , 13, 825426	8.4	0
1	15 Dynamic of Anti-Transglutaminase Autoantibodies in the Follow-Up of Celiac Children with Gluten Free Diet: Comparison of IgG and IgA. <i>Pediatric Research</i> , 2005 , 57, 922-922	3.2	