Luis PeÃ±a-Quintana

List of Publications by Year
in descending order

76 papers	2,890 citations	201674 27 h-index	189892 50 g-index
91 all docs	91 docs citations	91 times ranked	3949 citing authors

#	Article	IF	Citations
1	The phenotypic spectrum of organic acidurias and urea cycle disorders. Part 1: the initial presentation. Journal of Inherited Metabolic Disease, 2015, 38, 1041-1057.	3.6	186
2	The phenotypic spectrum of organic acidurias and urea cycle disorders. Part 2: the evolving clinical phenotype. Journal of Inherited Metabolic Disease, 2015, 38, 1059-1074.	3.6	175
3	Influence of Milk-Feeding Type and Genetic Risk of Developing Coeliac Disease on Intestinal Microbiota of Infants: The PROFICEL Study. PLoS ONE, 2012, 7, e30791.	2.5	122
4	Increasing Incidence of Pediatric Inflammatory Bowel Disease in Spain (1996â€“2009). Inflammatory Bowel Diseases, 2013, 19, 73-80.	1.9	107
5	Management of phenylketonuria in Europe: Survey results from 19 countries. Molecular Genetics and Metabolism, 2010, 99, 109-115.	1.1	94
6	Galactoâ€oligosaccharides Are Bifidogenic and Safe at Weaning: A Doubleâ€blind Randomized Multicenter Study. Journal of Pediatric Gastroenterology and Nutrition, 2009, 48, 82-88.	1.8	93
7	Determinants of Nutrient Intake among Children and Adolescents: Results from the enKid Study. Annals of Nutrition and Metabolism, 2002, 46, 31-38.	1.9	92
8	Genetic and cellular studies of oxidative stress in methylmalonic aciduria (MMA) cobalamin deficiency type C (cblC) with homocystinuria (MMACHC). Human Mutation, 2009, 30, 1558-1566.	2.5	76
9	Dietary assessment methods for micronutrient intake in infants, children and adolescents: a systematic review. British Journal of Nutrition, 2009, 102, S87-S117.	2.3	70
10	The complete picture of changing pediatric inflammatory bowel disease incidence in Spain in 25years (1985â€“2009): The EXPERIENCE registry. Journal of Crohn's and Colitis, 2014, 8, 763-769.	1.3	62
11	Impact of age at onset and newborn screening on outcome in organic acidurias. Journal of Inherited Metabolic Disease, 2016, 39, 341-353.	3.6	60
12	Diagnostic Accuracy of the Panbio Severe Acute Respiratory Syndrome Coronavirus 2 Antigen Rapid Test Compared with Reverse-Transcriptase Polymerase Chain Reaction Testing of Nasopharyngeal Samples in the Pediatric Population. Journal of Pediatrics, 2021, 232, 287-289.e4.	1.8	56
13	An unusual late-onset case of propionic acidaemia: biochemical investigations, neuroradiological findings and mutation analysis. European Journal of Pediatrics, 1998, 157, 50-52.	2.7	53
14	Immunomodulatory effects of the intake of fermented milk with Lactobacillus casei DN114001 in lactating mothers and their children. British Journal of Nutrition, 2008, 100, 834-845.	2.3	52
15	Age at disease onset and peak ammonium level rather than interventional variables predict the neurological outcome in urea cycle disorders. Journal of Inherited Metabolic Disease, 2016, 39, 661-672.	3.6	52
16	Effects of Maternal Î©â€3 Supplementation on Fatty Acids and on Visual and Cognitive Development. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 472-480.	1.8	50
17	Methylmalonic acidaemia: Examination of genotype and biochemical data in 32 patients belonging to mut, cblA or cblB complementation group. Journal of Inherited Metabolic Disease, 2008, 31, 55-66.	3.6	47
18	Clinical characteristics of 16 cystic fibrosis patients with the missense mutation R334W, a pancreatic insufficiency mutation with variable age of onset and interfamilial clinical differences. Human Genetics, 1995, 95, 331-6.	3.8	36

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19	Spanish National Registry of Celiac Disease. Journal of Pediatric Gastroenterology and Nutrition, 2014, 59, 522-526.	1.8	35
20	Urea cycle disorders in Spain: an observational, cross-sectional and multicentric study of 104 cases. Orphanet Journal of Rare Diseases, 2014, 9, 187.	2.7	34
21	The Nutri-Score nutrition label. International Journal for Vitamin and Nutrition Research, 2022, 92, 147-157.	1.5	34
22	ESPGHAN 2012 Guidelines for Coeliac Disease Diagnosis. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 284-291.	1.8	33
23	Physiological and public health basis for assessing micronutrient requirements in children and adolescents. The EURRECA network. Maternal and Child Nutrition, 2010, 6, 84-99.	3.0	31
24	Carnitine-Acylcarnitine Translocase Deficiency: Experience with Four Cases in Spain and Review of the Literature. JIMD Reports, 2014, 20, 11-20.	1.5	30
25	Anthropometric characteristics and nutrition in a cohort of PAH-deficient patients. Clinical Nutrition, 2014, 33, 702-717.	5.0	30
26	Evaluation of dietary treatment and amino acid supplementation in organic acidurias and ureaâ€cycle disorders: On the basis of information from a European multicenter registry. Journal of Inherited Metabolic Disease, 2019, 42, 1162-1175.	3.6	30
27	Profile of sodium phenylbutyrate granules for the treatment of urea-cycle disorders: patient perspectives. Patient Preference and Adherence, 2017, Volume 11, 1489-1496.	1.8	28
28	The p.T191M mutation of the CBS gene is highly prevalent among homocystinuric patients from Spain, Portugal and South America. Journal of Human Genetics, 2006, 51, 305-313.	2.3	27
29	Is the food frequency questionnaire suitable to assess micronutrient intake adequacy for infants, children and adolescents?. Maternal and Child Nutrition, 2010, 6, 112-121.	3.0	26
30	Molecular epidemiology, genotypeâ€“phenotype correlation and BH4 responsiveness in Spanish patients with phenylketonuria. Journal of Human Genetics, 2016, 61, 731-744.	2.3	26
31	Decreased plasma l-arginine levels in organic acidurias (MMA and PA) and decreased plasma branched-chain amino acid levels in urea cycle disorders as a potential cause of growth retardation: Options for treatment. Molecular Genetics and Metabolism, 2019, 126, 397-405.	1.1	26
32	Tyrosinemia type <scp>II</scp>: Mutation update, 11 novel mutations and description of 5 independent subjects with a novel founder mutation. Clinical Genetics, 2017, 92, 306-317.	2.0	25
33	Evidence-based nutritional recommendations for the prevention and treatment of overweight and obesity in adults (FESNAD-SEEDO consensus document). The role of diet in obesity treatment (III/III). Nutricion Hospitalaria, 2012, 27, 833-64.	0.3	25
34	Celiac Disease Screening by Immunochromatographic Visual Assays: Results of a Multicenter Study. Journal of Pediatric Gastroenterology and Nutrition, 2007, 45, 546-550.	1.8	24
35	Analysis of the Spanish national registry for pediatric home enteral nutrition (NEPAD): implementation rates and observed trends during the past 8 years. European Journal of Clinical Nutrition, 2013, 67, 318-323.	2.9	24
36	Prevalence of thrombotic complications in children with SARS-CoV-2. Archives of Disease in Childhood, 2021, 106, 1129-1132.	1.9	24

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37	The nutritional requirements of infants. Towards EU alignment of reference values: the EURRECA network. Maternal and Child Nutrition, 2010, 6, 55-83.	3.0	22
38	Effect of Zinc Intake on Growth in Infants: A Meta-analysis. Critical Reviews in Food Science and Nutrition, 2016, 56, 350-363.	10.3	22
39	Biochemical Markers for the Diagnosis of Mitochondrial Fatty Acid Oxidation Diseases. Journal of Clinical Medicine, 2021, 10, 4855.	2.4	22
40	HDL Cholesterol Levels in Children with Mild Hypercholesterolemia: Effect of Consuming Skim Milk Enriched with Olive Oil and Modulation by the TAQ 1B Polymorphism in the CETP Gene. Annals of Nutrition and Metabolism, 2010, 56, 288-293.	1.9	21
41	Immunochromatographic sticks for tissue transglutaminase and antigliadin antibody screening in celiac disease. Clinical Gastroenterology and Hepatology, 2004, 2, 480-484.	4.4	20
42	Cystathionine Î²â€synthase deficiency in the <scp>Eâ€HOD registryâ€part</scp> I: pyridoxine responsiveness as a determinant of biochemical and clinical phenotype at diagnosis. Journal of Inherited Metabolic Disease, 2021, 44, 677-692.	3.6	20
43	A Bayesian Model to Predict COVID-19 Severity in Children. Pediatric Infectious Disease Journal, 2021, 40, e287-e293.	2.0	20
44	Evidence-based nutritional recommendations for the prevention and treatment of overweight and obesity in adults (FESNAD-SEEDO consensus document). The role of diet in obesity prevention (II/III). Nutricion Hospitalaria, 2012, 27, 800-32.	0.3	20
45	Clinical spectrum of COVID-19 and risk factors associated with severity in Spanish children. European Journal of Pediatrics, 2022, 181, 1105-1115.	2.7	19
46	Betaine anhydrous in homocystinuria: results from the RoCH registry. Orphanet Journal of Rare Diseases, 2019, 14, 66.	2.7	18
47	SARSâ€CoVâ€2 acute bronchiolitis in hospitalized children: Neither frequent nor more severe. Pediatric Pulmonology, 2022, 57, 57-65.	2.0	18
48	Omegaâ€3 LCPUFA supplement: a nutritional strategy to prevent maternal and neonatal oxidative stress. Maternal and Child Nutrition, 2017, 13, .	3.0	17
49	Evolution of tyrosinemia type 1 disease in patients treated with nitisinone in Spain. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	17
50	Influence of breastfeeding versus formula feeding on lymphocyte subsets in infants at risk of coeliac disease: the PROFICEL study. European Journal of Nutrition, 2013, 52, 637-646.	3.9	16
51	Breastfeeding during the first 6 months of life, adiposity rebound and overweight/obesity at 8 years of age. International Journal of Obesity, 2016, 40, 10-13.	3.4	16
52	Wilson disease: revision of diagnostic criteria in a clinical series with great genetic homogeneity. Journal of Gastroenterology, 2021, 56, 78-89.	5.1	15
53	Predictors of Response to Exclusive Enteral Nutrition in Newly Diagnosed CrohnÂ´s Disease in Children: PRESENCE Study from SEGHNP. Nutrients, 2020, 12, 1012.	4.1	14
54	Assessment of the DQ Heterodimer Test in the Diagnosis of Celiac Disease in the Canary Islands (Spain). Journal of Pediatric Gastroenterology and Nutrition, 2003, 37, 604-608.	1.8	13

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55	The R608del mutation in the acid sphingomyelinase gene (SMPD1) is the most prevalent among patients from Gran Canaria Island with Niemann-Pick disease type B. Clinical Genetics, 2003, 63, 235-236.	2.0	12
56	Determinants of blood lead levels in children: A cross-sectional study in the Canary Islands (Spain). International Journal of Hygiene and Environmental Health, 2012, 215, 383-388.	4.3	12
57	Dynamics of Reverse Transcription-Polymerase Chain Reaction and Serologic Test Results in Children with SARS-CoV-2 Infection. Journal of Pediatrics, 2022, 241, 126-132.e3.	1.8	12
58	Excess weight in patients with cystic fibrosis: is it always beneficial?. Nutricion Hospitalaria, 2017, 34, 578.	0.3	12
59	Dietary flavonoids of Spanish youth: intakes, sources, and association with the Mediterranean diet. PeerJ, 2017, 5, e3304.	2.0	12
60	Long-term effects of medical management on growth and weight in individuals with urea cycle disorders. Scientific Reports, 2020, 10, 11948.	3.3	11
61	6R-tetrahydrobiopterin treated PKU patients below 4years of age: Physical outcomes, nutrition and genotype. Molecular Genetics and Metabolism, 2015, 115, 10-16.	1.1	10
62	Spanish Pediatric Inflammatory Bowel Disease Diagnostic Delay Registry: SPIDER Study From Sociedad EspaÃ±ola de GastroenterologÃa, HepatologÃa y NutriciÃ³n PediÃ¡trica. Frontiers in Pediatrics, 2020, 8, 584278.	1.9	10
63	PRESENT; PREScription of Enteral Nutrition in pediaTric Crohn's disease in Spain. Nutricion Hospitalaria, 2014, 29, 537-46.	0.3	10
64	Facing malnutrition and poverty: evaluating the CONIN experience. Nutrition Reviews, 2009, 67, S47-S55.	5.8	8
65	Manifestations and Evolution of Wilson Disease in Pediatric Patients Carrying ATP7B Mutation L708P. Journal of Pediatric Gastroenterology and Nutrition, 2012, 54, 48-54.	1.8	8
66	Cytokine distribution in mothers and breastfed children after omega-3 LCPUFAs supplementation during the last trimester of pregnancy and the lactation period: A randomized, controlled trial. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 126, 32-38.	2.2	8
67	DHA supplementation: A nutritional strategy to improve prenatal Fe homeostasis and prevent birth outcomes related with Fe-deficiency. Journal of Functional Foods, 2015, 19, 385-393.	3.4	7
68	Transferrin Isoforms, Old but New Biomarkers in Hereditary Fructose Intolerance. Journal of Clinical Medicine, 2021, 10, 2932.	2.4	4
69	Carbohydrate Metabolism Changes in Cystic Fibrosis. Journal of Pediatric Endocrinology and Metabolism, 2007, 20, 621-32.	0.9	3
70	Improving the diagnosis of cobalamin and related defects by genomic analysis, plus functional and structural assessment of novel variants. Orphanet Journal of Rare Diseases, 2018, 13, 125.	2.7	3
71	Quantification of urinary derivatives of Phenylbutyric and Benzoic acids by LC-MS/MS as treatment compliance biomarkers in Urea Cycle disorders. Journal of Pharmaceutical and Biomedical Analysis, 2019, 176, 112798.	2.8	3
72	Omega-3 LCPUFA supplementation improves neonatal and maternal bone turnover: A randomized controlled trial. Journal of Functional Foods, 2018, 46, 167-174.	3.4	2

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73	Long-chain 3-hydroxyacyl-coenzyme A dehydrogenase deficiency and cardiogenic shock. International Journal of Cardiology, 2009, 136, e1-e2.	1.7	1
74	Growth and Nutrition. , 2019, , 353-363.		1
75	Evaluation of changes in pediatric healthcare activity during the Covid-19 state of alarm in the Canary Islands. Public Health in Practice, 2021, 2, 100159.	1.5	1
76	Cytokines and Maternal Omega-3 LCPUFAs Supplementation. , 0, , .		0