Isabel Ibarra

List of Publications by Year
in descending order

36 papers	864 citations	687220 13 h-index	477173 29 g-index
39 all docs	39 docs citations	39 times ranked	1489 citing authors

#	Article	IF	Citations
1	Clinical validation of cutoff target ranges in newborn screening of metabolic disorders by tandem mass spectrometry: A worldwide collaborative project. Genetics in Medicine, 2011, 13, 230-254.	1.1	308
2	Effect of supplementation during pregnancy with L-arginine and antioxidant vitamins in medical food on pre-eclampsia in high risk population: randomised controlled trial. BMJ: British Medical Journal, 2011, 342, d2901-d2901.	2.4	151
3	An Amino Acid Signature Associated with Obesity Predicts 2-Year Risk of Hypertriglyceridemia in School-Age Children. Scientific Reports, 2017, 7, 5607.	1.6	43
4	Environmental and intrinsic factors shaping gut microbiota composition and diversity and its relation to metabolic health in children and early adolescents: A population-based study. Gut Microbes, 2020, 11, 900-917.	4.3	39
5	Differential Effects of Biotin Deficiency and Replenishment on Rat Liver Pyruvate and Propionyl-CoA Carboxylases and on Their mRNAs. Molecular Genetics and Metabolism, 1999, 66, 16-23.	0.5	37
6	A Multi-Omic Analysis for Low Bone Mineral Density in Postmenopausal Women Suggests a Relationship between Diet, Metabolites, and Microbiota. Microorganisms, 2020, 8, 1630.	1.6	30
7	The C677T Polymorphism of the Methylenetetrahydrofolate Reductase Gene Is Associated with Idiopathic Ischemic Stroke in the Young Mexican-Mestizo Population. Cerebrovascular Diseases, 2010, 29, 454-459.	0.8	27
8	Family history and obesity in youth, their effect on acylcarnitine/aminoacids metabolomics and non-alcoholic fatty liver disease (NAFLD). Structural equation modeling approach. PLoS ONE, 2018, 13, e0193138.	1.1	24
9	Diagnosis of Inborn Errors of Metabolism. Archives of Medical Research, 2000, 31, 145-150.	1.5	19
10	Optimization of kidney dysfunction prediction in diabetic kidney disease using targeted metabolomics. Acta Diabetologica, 2018, 55, 1151-1161.	1.2	18
11	Higher incidence of thyroid agenesis in Mexican newborns with congenital hypothyroidism associated with birth defects. Early Human Development, 2012, 88, 61-64.	0.8	17
12	Biotin deprivation impairs mitochondrial structure and function and has implications for inherited metabolic disorders. Molecular Genetics and Metabolism, 2015, 116, 204-214.	0.5	15
13	Urinary Organic Acids in Infant Malnutrition. Pediatric Research, 1998, 44, 386-391.	1.1	14
14	Clinical and biochemical characteristics of patients with urea cycle disorders in a developing country. Clinical Biochemistry, 2010, 43, 461-466.	0.8	12
15	Hepatorenal Tyrosinemia in Mexico: A Call to Action. Advances in Experimental Medicine and Biology, 2017, 959, 147-156.	0.8	9
16	Serum Metabolite Profile Associated with Sex-Dependent Visceral Adiposity Index and Low Bone Mineral Density in a Mexican Population. Metabolites, 2021, 11, 604.	1.3	9
17	Temporal development of genetic and metabolic effects of biotin deprivation. A search for the optimum time to study a vitamin deficiency. Molecular Genetics and Metabolism, 2012, 107, 345-351.	0.5	8
18	Molecular analysis using targeted next generation DNA sequencing and clinical spectrum of Mexican patients with isovaleric acidemia. Clinica Chimica Acta, 2020, 501, 216-221.	0.5	8

#	Article	IF	Citations
19	Altered Plasma Acylcarnitines and Amino Acids Profile in Spinocerebellar Ataxia Type 7. Biomolecules, 2020, 10, 390.	1.8	8
20	Effect of Highly Active Antiretroviral Therapy on Homocysteine Plasma Concentrations in HIV-1â€“Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2010, 54, 477-481.	0.9	7
21	Metabolic screening and metabolomics analysis in the Intellectual Developmental Disorders Mexico Study. Salud Publica De Mexico, 2017, 59, 423.	0.1	7
22	An Updated PAH Mutational Spectrum of Phenylketonuria in Mexican Patients Attending a Single Center: Biochemical, Clinical-Genotyping Correlations. Genes, 2021, 12, 1676.	1.0	7
23	Kernicterus in a boy with ornithine transcarbamylase deficiency: <scp>A</scp> case report. Neuropathology, 2017, 37, 586-590.	0.7	6
24	Newborn cystic fibrosis screening in southeastern Mexico: Birth prevalence and novel CFTR gene variants. Journal of Medical Screening, 2018, 25, 119-125.	1.1	6
25	Simultaneous evaluation of metabolomic and inflammatory biomarkers in children with different body mass index (BMI) and waist-to-height ratio (WHtR). PLoS ONE, 2020, 15, e0237917.	1.1	6
26	Brief Report: Delayed Diagnosis of Treatable Inborn Errors of Metabolism in Children with Autism and Other Neurodevelopmental Disorders. Journal of Autism and Developmental Disorders, 2021, 51, 2124-2131.	1.7	6
27	Genetic spectrum and clinical early natural history of glucose-6-phosphate dehydrogenase deficiency in Mexican children detected through newborn screening. Orphanet Journal of Rare Diseases, 2021, 16, 103.	1.2	6
28	Mutational spectrum of PTS gene and in silico pathological assessment of a novel variant in Mexico. Brain and Development, 2018, 40, 530-536.	0.6	5
29	Mutational spectrum of Mexican patients with tyrosinemia type 1: In silico modeling and predicted pathogenic effect of a novel missense FAH variant. Molecular Genetics & Genomic Medicine, 2019, 7, e937.	0.6	4
30	A Longitudinal 1H NMR-Based Metabolic Profile Analysis of Urine from Hospitalized Premature Newborns Receiving Enteral and Parenteral Nutrition. Metabolites, 2022, 12, 255.	1.3	4
31	Resonancia magnÃ©tica nuclear de encÃ©falo en pacientes con fenilcetonuria diagnosticada tardÃamente. Acta Pediatrica De Mexico, 2015, 36, 9.	0.2	2
32	Effect of Supplementation During Pregnancy With l-Arginine and Antioxidant Vitamins in Medical Food on Preeclampsia in High-Risk Population: Randomized Controlled Trial. Obstetrical and Gynecological Survey, 2011, 66, 537-539.	0.2	1
33	Correspondence on â€˜â€˜Experience With Hyperphenylalaninemia in a Developing Country: Unusual Clinical Manifestations and a Novel Gene Mutationâ€™â€™. Journal of Child Neurology, 2011, 26, 260-260.	0.7	0
34	In silico prediction of the pathogenic effect of a novel variant of BCKDHA leading to classical maple syrup urine disease identified using clinical exome sequencing. Clinica Chimica Acta, 2018, 483, 33-38.	0.5	0
35	Metabolic flexibility during normal pregnancy allows appropriate adaptation during gestation independently of BMI. Clinical Nutrition ESPEN, 2021, 44, 254-262.	0.5	0
36	Crisis neuropÃ¡tica por suspensiÃ³n de nitisinona en una paciente con tirosinemia: informe de un caso. Acta Pediatrica De Mexico, 2017, 38, 322.	0.2	0