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	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
2	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
3	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
4	Metabolic flexibility during normal pregnancy allows appropriate adaptation during gestation independently of BMI. Clinical Nutrition ESPEN, 2021, 44, 254-262.	0.5	0
5	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
6	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
7	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
8	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
9	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
10	Altered Plasma Acylcarnitines and Amino Acids Profile in Spinocerebellar Ataxia Type 7. Biomolecules, 2020, 10, 390.	1.8	8
11	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
12	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
13	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
14	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
15	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
16	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
17	Optimization of kidney dysfunction prediction in diabetic kidney disease using targeted metabolomics. Acta Diabetologica, 2018, 55, 1151-1161.	1.2	18
18	Hepatorenal Tyrosinemia in Mexico: A Call to Action. Advances in Experimental Medicine and Biology, 2017, 959, 147-156.	0.8	9

#	Article	IF	Citations
19	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
20	Kernicterus in a boy with ornithine transcarbamylase deficiency: <scp>A</scp> case report. Neuropathology, 2017, 37, 586-590.	0.7	6
21	Metabolic screening and metabolomics analysis in the Intellectual Developmental Disorders Mexico Study. Salud Publica De Mexico, 2017, 59, 423.	0.1	7
22	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
23	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
24	Resonancia magnÃ©tica nuclear de encÃ©falo en pacientes con fenilcetonuria diagnosticada tardÃamente. Acta Pediatrica De Mexico, 2015, 36, 9.	0.2	2
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	Clinical and biochemical characteristics of patients with urea cycle disorders in a developing country. Clinical Biochemistry, 2010, 43, 461-466.	0.8	12
33	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
34	Diagnosis of Inborn Errors of Metabolism. Archives of Medical Research, 2000, 31, 145-150.	1.5	19
35	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
36	Urinary Organic Acids in Infant Malnutrition. Pediatric Research, 1998, 44, 386-391.	1.1	14