Fernando Andrade

List of Publications by Citations

49 papers	766 citations	16 h-index	25 g-index
52 ext. papers	906 ext. citations	3.7 avg, IF	3.66 L-index

#	Paper	IF	Citations
49	Sanfilippo syndrome: Overall review. *Pediatrics International*, **2015**, 57, 331-8	1.2	57
48	Asymmetric dimethylarginine, endothelial dysfunction and renal disease. *International Journal of Molecular Sciences*, **2012**, 13, 11288-311	6.3	54
47	Persistence of essential fatty acid deficiency in cystic fibrosis despite nutritional therapy. *Pediatric Research*, **2009**, 66, 585-9	3.2	45
46	Methionine and S-adenosylmethionine levels are critical regulators of PP2A activity modulating lipophagy during steatosis. *Journal of Hepatology*, **2016**, 64, 409-418	13.4	43
45	Fatty acid profile in patients with phenylketonuria and its relationship with bone mineral density. *Journal of Inherited Metabolic Disease*, **2010**, 33 Suppl 3, S363-71	5.4	39
44	Fatty acid deficiency profile in children with food allergy managed with elimination diets. *Acta Paediatrica, International Journal of Paediatrics*, **2008**, 97, 1572-6	3.1	36
43	Effects of different arachidonic acid supplementation on psychomotor development in very preterm infants; a randomized controlled trial. *Nutrition Journal*, **2015**, 14, 101	4.3	30
42	Determination of free and total carnitine in plasma by an enzymatic reaction and spectrophotometric quantitation spectrophotometric determination of carnitine. *Clinical Biochemistry*, **2006**, 39, 1022-7	3.5	29
41	Vitamin and mineral status in patients with hyperphenylalaninemia. *Molecular Genetics and Metabolism*, **2015**, 115, 145-50	3.7	28
40	Limited beneficial effects of piceatannol supplementation on obesity complications in the obese Zucker rat: gut microbiota, metabolic, endocrine, and cardiac aspects. *Journal of Physiology and Biochemistry*, **2016**, 72, 567-82	5	25
39	LC-QTOF-MS-based targeted metabolomics of arginine-creatine metabolic pathway-related compounds in plasma: application to identify potential biomarkers in pediatric chronic kidney disease. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 747-60	4.4	24
38	Anthropometric characteristics and nutrition in a cohort of PAH-deficient patients. *Clinical Nutrition* , **2014**, 33, 702-17	5.9	23
37	Secondary disorders of glycosylation in inborn errors of fructose metabolism. *Journal of Inherited Metabolic Disease*, **2009**, 32 Suppl 1, S273-8	5.4	21
36	Molecular epidemiology, genotype-phenotype correlation and BH4 responsiveness in Spanish patients with phenylketonuria. *Journal of Human Genetics*, **2016**, 61, 731-44	4.3	20
35	The arginine-creatine pathway is disturbed in children and adolescents with renal transplants. *Pediatric Research*, **2008**, 64, 218-22	3.2	17
34	The Dietary Antioxidant Piceatannol Inhibits Adipogenesis of Human Adipose Mesenchymal Stem Cells and Limits Glucose Transport and Lipogenic Activities in Adipocytes. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	16
33	Tetrahydrobiopterin therapy vs phenylalanine-restricted diet: impact on growth in PKU. *Molecular Genetics and Metabolism*, **2013**, 109, 331-8	3.7	16

32	Comparison of plasma and dry blood spots as samples for the determination of nitisinone (NTBC) by high-performance liquid chromatography-tandem mass spectrometry. Study of the stability of the samples at different temperatures. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 671-6	3.2	16
31	Methylation cycle, arginine-creatine pathway and asymmetric dimethylarginine in paediatric renal transplant. *Nephrology Dialysis Transplantation*, **2011**, 26, 328-36	4.3	16
30	Arachidonic acid content in adipose tissue is associated with insulin resistance in healthy children. *Journal of Pediatric Gastroenterology and Nutrition*, **2007**, 44, 77-83	2.8	16
29	Non-alcoholic fatty liver in hereditary fructose intolerance. *Clinical Nutrition*, **2020**, 39, 455-459	5.9	15
28	Plasma biomarker discovery for early chronic kidney disease diagnosis based on chemometric approaches using LC-QTOF targeted metabolomics data. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 149, 46-56	3.5	15
27	Stability of urinary glycosaminoglycans in patients with mucopolysaccharidoses. *Clinica Chimica Acta*, **2008**, 388, 73-7	6.2	13
26	Quantification of arginine and its methylated derivatives in healthy children by liquid chromatography-tandem mass spectrometry. *Journal of Chromatographic Science*, **2015**, 53, 787-92	1.4	12
25	New evidence for assessing tetrahydrobiopterin (BH(4)) responsiveness. *Metabolism: Clinical and Experimental*, **2012**, 61, 1809-16	12.7	12
24	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. *Journal of Physiology and Biochemistry*, **2016**, 72, 555-66	5	11
23	Essential fatty acid deficiency profile in patients with nephrotic-range proteinuria. *Pediatric Nephrology*, **2007**, 22, 533-40	3.2	11
22	Improvement of newborn screening using a fuzzy inference system. *Expert Systems With Applications*, **2017**, 78, 301-318	7.8	10
21	Determination of creatine and guanidinoacetate by GC-MS: study of their stability in urine at different temperatures. *Clinical Biochemistry*, **2009**, 42, 125-8	3.5	10
20	Metabolomics in non-arteritic anterior ischemic optic neuropathy patients by liquid chromatography□quadrupole time-of-flight mass spectrometry. *Metabolomics*, **2015**, 11, 468-476	4.7	8
19	Reliability of a visual test for the rapid detection of mucopolysaccharidoses: GAG-test(□). *Journal of Clinical Laboratory Analysis*, **2011**, 25, 179-84	3	8
18	Targeted Next-Generation Sequencing in Patients with Suggestive X-Linked Intellectual Disability. *Genes*, **2020**, 11,	4.2	8
17	6R-tetrahydrobiopterin treated PKU patients below 4 years of age: Physical outcomes, nutrition and genotype. *Molecular Genetics and Metabolism*, **2015**, 115, 10-6	3.7	7
16	Untargeted metabolomics for plasma biomarker discovery for early chronic kidney disease diagnosis in pediatric patients using LC-QTOF-MS. *Analyst, The*, **2018**, 143, 4448-4458	5	7
15	Arginine-guanidinoacetate-creatine pathway in preterm newborns: creatine biosynthesis in newborns. *Journal of Pediatric Endocrinology and Metabolism*, **2013**, 26, 53-60	1.6	7

14	A new metabolic disorder in human cationic amino acid transporter-2 that mimics arginase 1 deficiency in newborn screening. *Journal of Inherited Metabolic Disease*, **2019**, 42, 407-413	5.4	6
13	Effect of docosahexaenoic acid administration on plasma lipid profile and metabolic parameters of children with methylmalonic acidaemia. *Journal of Inherited Metabolic Disease*, **2006**, 29, 58-63	5.4	6
12	Usefulness of urinary glycosaminoglycans assay for a mucopolysaccharidosis-specific screening. *Pediatrics International*, **2020**, 62, 1077-1085	1.2	5
11	Influence of phenylketonurials diet on dimethylated arginines and methylation cycle. *Medicine (United States)*, **2017**, 96, e7392	1.8	5
10	Micronutrient in hyperphenylalaninemia. *Data in Brief*, **2015**, 4, 614-21	1.2	5
9	Effects of the amino acid derivatives, Hydroxy-Methylbutyrate, taurine, and N-methyltyramine, on triacylglycerol breakdown in fat cells. *Journal of Physiology and Biochemistry*, **2019**, 75, 263-273	5	3
8	Expression of proinflammatory factors in renal cortex induced by methylmalonic acid. *Renal Failure*, **2012**, 34, 885-91	2.9	3
7	A new case of maternal phenylketonuria treated with sapropterin dihydrochloride (6R-BH4). *Gynecological Endocrinology*, **2014**, 30, 691-3	2.4	2
6	A large TAT deletion in a tyrosinaemia type II patient. *Molecular Genetics and Metabolism*, **2011**, 104, 407-9	3.7	2
5	Treatment adherence in tyrosinemia type 1 patients. *Orphanet Journal of Rare Diseases*, **2021**, 16, 256	4.2	2
4	Polyunsaturated Fatty Acids and Growth in Healthy Children and Some Rare Diseases **2012**, 2597-2618		1
3	Randomized Clinical Trial: Effects of Hydroxy-Methylbutyrate (HMB)-Enriched vs. HMB-Free Oral Nutritional Supplementation in Malnourished Cirrhotic Patients. *Nutrients*, **2022**, 14, 2344	6.7	1
2	Asymmetric dimethylarginine as a potential biomarker for management and follow-up of phenylketonuria. *European Journal of Pediatrics*, **2019**, 178, 903-911	4.1	0
1	Dimethylarginines as biomarkers for the kidney transplant management in methylmalonic aciduria. *Nephrology*, **2015**, 20, 576-9	2.2	