

Fernando Andrade

List of Publications by Year in Descending Order

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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.

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	Randomized Clinical Trial: Effects of β-Hydroxy-β-Methylbutyrate (HMB)-Enriched vs. HMB-Free Oral Nutritional Supplementation in Malnourished Cirrhotic Patients. <i>Nutrients</i> , 2022 , 14, 2344	6.7	1
48	Treatment adherence in tyrosinemia type 1 patients. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 256	4.2	2
47	Usefulness of urinary glycosaminoglycans assay for a mucopolysaccharidosis-specific screening. <i>Pediatrics International</i> , 2020 , 62, 1077-1085	1.2	5
46	Targeted Next-Generation Sequencing in Patients with Suggestive X-Linked Intellectual Disability. <i>Genes</i> , 2020 , 11,	4.2	8
45	Non-alcoholic fatty liver in hereditary fructose intolerance. <i>Clinical Nutrition</i> , 2020 , 39, 455-459	5.9	15
44	A new metabolic disorder in human cationic amino acid transporter-2 that mimics arginase 1 deficiency in newborn screening. <i>Journal of Inherited Metabolic Disease</i> , 2019 , 42, 407-413	5.4	6
43	Effects of the amino acid derivatives, β-hydroxy-β-methylbutyrate, taurine, and N-methyltyramine, on triacylglycerol breakdown in fat cells. <i>Journal of Physiology and Biochemistry</i> , 2019 , 75, 263-273	5	3
42	Asymmetric dimethylarginine as a potential biomarker for management and follow-up of phenylketonuria. <i>European Journal of Pediatrics</i> , 2019 , 178, 903-911	4.1	0
41	The Dietary Antioxidant Piceatannol Inhibits Adipogenesis of Human Adipose Mesenchymal Stem Cells and Limits Glucose Transport and Lipogenic Activities in Adipocytes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
40	Untargeted metabolomics for plasma biomarker discovery for early chronic kidney disease diagnosis in pediatric patients using LC-QTOF-MS. <i>Analyst, The</i> , 2018 , 143, 4448-4458	5	7
39	Plasma biomarker discovery for early chronic kidney disease diagnosis based on chemometric approaches using LC-QTOF targeted metabolomics data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 149, 46-56	3.5	15
38	Improvement of newborn screening using a fuzzy inference system. <i>Expert Systems With Applications</i> , 2017 , 78, 301-318	7.8	10
37	Influence of phenylketonuria's diet on dimethylated arginines and methylation cycle. <i>Medicine (United States)</i> , 2017 , 96, e7392	1.8	5
36	Methionine and S-adenosylmethionine levels are critical regulators of PP2A activity modulating lipophagy during steatosis. <i>Journal of Hepatology</i> , 2016 , 64, 409-418	13.4	43
35	Limited beneficial effects of piceatannol supplementation on obesity complications in the obese Zucker rat: gut microbiota, metabolic, endocrine, and cardiac aspects. <i>Journal of Physiology and Biochemistry</i> , 2016 , 72, 567-82	5	25
34	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. <i>Journal of Physiology and Biochemistry</i> , 2016 , 72, 555-66	5	11
33	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. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 747-60	4.4	24

32	Molecular epidemiology, genotype-phenotype correlation and BH4 responsiveness in Spanish patients with phenylketonuria. <i>Journal of Human Genetics</i> , 2016 , 61, 731-44	4.3	20
31	Quantification of arginine and its methylated derivatives in healthy children by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatographic Science</i> , 2015 , 53, 787-92	1.4	12
30	Sanfilippo syndrome: Overall review. <i>Pediatrics International</i> , 2015 , 57, 331-8	1.2	57
29	6R-tetrahydrobiopterin treated PKU patients below 4 years of age: Physical outcomes, nutrition and genotype. <i>Molecular Genetics and Metabolism</i> , 2015 , 115, 10-6	3.7	7
28	Vitamin and mineral status in patients with hyperphenylalaninemia. <i>Molecular Genetics and Metabolism</i> , 2015 , 115, 145-50	3.7	28
27	Micronutrient in hyperphenylalaninemia. <i>Data in Brief</i> , 2015 , 4, 614-21	1.2	5
26	Effects of different arachidonic acid supplementation on psychomotor development in very preterm infants; a randomized controlled trial. <i>Nutrition Journal</i> , 2015 , 14, 101	4.3	30
25	Dimethylarginines as biomarkers for the kidney transplant management in methylmalonic aciduria. <i>Nephrology</i> , 2015 , 20, 576-9	2.2	
24	Metabolomics in non-arteritic anterior ischemic optic neuropathy patients by liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Metabolomics</i> , 2015 , 11, 468-476	4.7	8
23	Anthropometric characteristics and nutrition in a cohort of PAH-deficient patients. <i>Clinical Nutrition</i> , 2014 , 33, 702-17	5.9	23
22	A new case of maternal phenylketonuria treated with sapropterin dihydrochloride (6R-BH4). <i>Gynecological Endocrinology</i> , 2014 , 30, 691-3	2.4	2
21	Tetrahydrobiopterin therapy vs phenylalanine-restricted diet: impact on growth in PKU. <i>Molecular Genetics and Metabolism</i> , 2013 , 109, 331-8	3.7	16
20	Arginine-guanidinoacetate-creatine pathway in preterm newborns: creatine biosynthesis in newborns. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2013 , 26, 53-60	1.6	7
19	Expression of proinflammatory factors in renal cortex induced by methylmalonic acid. <i>Renal Failure</i> , 2012 , 34, 885-91	2.9	3
18	New evidence for assessing tetrahydrobiopterin (BH(4)) responsiveness. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 1809-16	12.7	12
17	Asymmetric dimethylarginine, endothelial dysfunction and renal disease. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 11288-311	6.3	54
16	Polyunsaturated Fatty Acids and Growth in Healthy Children and Some Rare Diseases 2012 , 2597-2618		1
15	A large TAT deletion in a tyrosinaemia type II patient. <i>Molecular Genetics and Metabolism</i> , 2011 , 104, 407-9	3.7	2

14	Reliability of a visual test for the rapid detection of mucopolysaccharidoses: GAG-test(□). <i>Journal of Clinical Laboratory Analysis</i> , 2011 , 25, 179-84	3	8
13	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 671-6	3.2	16
12	Methylation cycle, arginine-creatine pathway and asymmetric dimethylarginine in paediatric renal transplant. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 328-36	4.3	16
11	Fatty acid profile in patients with phenylketonuria and its relationship with bone mineral density. <i>Journal of Inherited Metabolic Disease</i> , 2010 , 33 Suppl 3, S363-71	5.4	39
10	Persistence of essential fatty acid deficiency in cystic fibrosis despite nutritional therapy. <i>Pediatric Research</i> , 2009 , 66, 585-9	3.2	45
9	Determination of creatine and guanidinoacetate by GC-MS: study of their stability in urine at different temperatures. <i>Clinical Biochemistry</i> , 2009 , 42, 125-8	3.5	10
8	Secondary disorders of glycosylation in inborn errors of fructose metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2009 , 32 Suppl 1, S273-8	5.4	21
7	Fatty acid deficiency profile in children with food allergy managed with elimination diets. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008 , 97, 1572-6	3.1	36
6	Stability of urinary glycosaminoglycans in patients with mucopolysaccharidoses. <i>Clinica Chimica Acta</i> , 2008 , 388, 73-7	6.2	13
5	The arginine-creatine pathway is disturbed in children and adolescents with renal transplants. <i>Pediatric Research</i> , 2008 , 64, 218-22	3.2	17
4	Essential fatty acid deficiency profile in patients with nephrotic-range proteinuria. <i>Pediatric Nephrology</i> , 2007 , 22, 533-40	3.2	11
3	Arachidonic acid content in adipose tissue is associated with insulin resistance in healthy children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 44, 77-83	2.8	16
2	Determination of free and total carnitine in plasma by an enzymatic reaction and spectrophotometric quantitation spectrophotometric determination of carnitine. <i>Clinical Biochemistry</i> , 2006 , 39, 1022-7	3.5	29
1	Effect of docosahexaenoic acid administration on plasma lipid profile and metabolic parameters of children with methylmalonic acidemia. <i>Journal of Inherited Metabolic Disease</i> , 2006 , 29, 58-63	5.4	6