Piero Leone

List of Publications by Year
in descending order

14 papers	379 citations	1163117 8 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	424 citing authors

#	Article	IF	Citations
1	Mimicking human riboflavin responsive neuromuscular disorders by silencing fladâ€1 gene in <scp>C. elegans</scp>: Alteration of vitamin transport and cholinergic transmission. IUBMB Life, 2022, 74, 672-683.	3.4	5
2	Combined <scp>isobutyrylâ€CoA</scp> and multiple <scp>acylâ€CoA</scp> dehydrogenase deficiency in a boy with altered riboflavin homeostasis. JIMD Reports, 2022, 63, 276-291.	1.5	4
3	Purification of Recombinant Human 6His-FAD Synthase (Isoform 2) and Quantitation of FAD/Protein Monomer Ratio by UV-Vis Spectra. Methods in Molecular Biology, 2021, 2280, 69-85.	0.9	0
4	Subcellular Localization of Fad1p in Saccharomyces cerevisiae: A Choice at Post-Transcriptional Level?. Life, 2021, 11, 967.	2.4	2
5	Continuous and Discontinuous Approaches to Study FAD Synthesis and Degradation Catalyzed by Purified Recombinant FAD Synthase or Cellular Fractions. Methods in Molecular Biology, 2021, 2280, 87-116.	0.9	7
6	Development of Novel Experimental Models to Study Flavoproteome Alterations in Human Neuromuscular Diseases: The Effect of Rf Therapy. International Journal of Molecular Sciences, 2020, 21, 5310.	4.1	14
7	The hidden side of the human FAD synthase 2. International Journal of Biological Macromolecules, 2019, 138, 986-995.	7.5	16
8	Mutation of Aspartate 238 in FAD Synthase Isoform 6 Increases the Specific Activity by Weakening the FAD Binding. International Journal of Molecular Sciences, 2019, 20, 6203.	4.1	12
9	Bacterial Production, Characterization and Protein Modeling of a Novel Monofuctional Isoform of FAD Synthase in Humans: An Emergency Protein?. Molecules, 2018, 23, 116.	3.8	26
10	Flavin-sensitive variant FAD synthases underlying riboflavin responsive Multiple Acyl-CoA Dehydrogenation Deficiency. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, e97.	1.0	0
11	Riboflavin transport and metabolism in humans. Journal of Inherited Metabolic Disease, 2016, 39, 545-557.	3.6	110
12	Riboflavin-Responsive and -Non-responsive Mutations in FAD Synthase Cause Multiple Acyl-CoA Dehydrogenase and Combined Respiratory-Chain Deficiency. American Journal of Human Genetics, 2016, 98, 1130-1145.	6.2	118
13	Remaining challenges in cellular flavin cofactor homeostasis and flavoprotein biogenesis. Frontiers in Chemistry, 2015, 3, 30.	3.6	36
14	Human FAD synthase is a bi-functional enzyme with a FAD hydrolase activity in the molybdopterin binding domain. Biochemical and Biophysical Research Communications, 2015, 465, 443-449.	2.1	29