

Piero Leone

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

379
citations

1163117

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1199594

12
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all docs

14
docs citations

14
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Riboflavin-Responsive and -Non-responsive Mutations in FAD Synthase Cause Multiple Acyl-CoA Dehydrogenase and Combined Respiratory-Chain Deficiency. <i>American Journal of Human Genetics</i> , 2016, 98, 1130-1145.	6.2	118
2	Riboflavin transport and metabolism in humans. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 545-557.	3.6	110
3	Remaining challenges in cellular flavin cofactor homeostasis and flavoprotein biogenesis. <i>Frontiers in Chemistry</i> , 2015, 3, 30.	3.6	36
4	Human FAD synthase is a bi-functional enzyme with a FAD hydrolase activity in the molybdopterin binding domain. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 443-449.	2.1	29
5	Bacterial Production, Characterization and Protein Modeling of a Novel Monofunctional Isoform of FAD Synthase in Humans: An Emergency Protein?. <i>Molecules</i> , 2018, 23, 116.	3.8	26
6	The hidden side of the human FAD synthase 2. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 986-995.	7.5	16
7	Development of Novel Experimental Models to Study Flavoproteome Alterations in Human Neuromuscular Diseases: The Effect of Rf Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5310.	4.1	14
8	Mutation of Aspartate 238 in FAD Synthase Isoform 6 Increases the Specific Activity by Weakening the FAD Binding. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6203.	4.1	12
9	Continuous and Discontinuous Approaches to Study FAD Synthesis and Degradation Catalyzed by Purified Recombinant FAD Synthase or Cellular Fractions. <i>Methods in Molecular Biology</i> , 2021, 2280, 87-116.	0.9	7
10	Mimicking human riboflavin responsive neuromuscular disorders by silencing <i>fladA1</i> gene in <i>C. elegans</i> : Alteration of vitamin transport and cholinergic transmission. <i>IUBMB Life</i> , 2022, 74, 672-683.	3.4	5
11	Combined <i>isobutyryl-CoA</i> and multiple <i>acyl-CoA</i> dehydrogenase deficiency in a boy with altered riboflavin homeostasis. <i>JIMD Reports</i> , 2022, 63, 276-291.	1.5	4
12	Subcellular Localization of Fad1p in <i>Saccharomyces cerevisiae</i> : A Choice at Post-Transcriptional Level?. <i>Life</i> , 2021, 11, 967.	2.4	2
13	Flavin-sensitive variant FAD synthases underlying riboflavin responsive Multiple Acyl-CoA Dehydrogenation Deficiency. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, e97.	1.0	0
14	Purification of Recombinant Human 6His-FAD Synthase (Isoform 2) and Quantitation of FAD/Protein Monomer Ratio by UV-Vis Spectra. <i>Methods in Molecular Biology</i> , 2021, 2280, 69-85.	0.9	0