

Antônio E N Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,196
citations

489802

18
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425179

34
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42
all docs

42
docs citations

42
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu ²⁺ -binding to S100B triggers polymerization of disulfide cross-linked tetramers with enhanced chaperone activity against amyloid- β aggregation. <i>Chemical Communications</i> , 2021, 57, 379-382.	2.2	6
2	Comparison of the chemical diversity of <i>Vitis rotundifolia</i> and <i>Vitis vinifera</i> cv. "Cabernet Sauvignon". <i>Ciencia E Tecnica Vitivinicola</i> , 2021, 36, 1-8.	0.3	2
3	Metabolic Network Inference from Time Series. , 2021, , 127-133.		0
4	Binary Simplification as an Effective Tool in Metabolomics Data Analysis. <i>Metabolites</i> , 2021, 11, 788.	1.3	8
5	Integrating metabolomics and targeted gene expression to uncover potential biomarkers of fungal/oomycetes-associated disease susceptibility in grapevine. <i>Scientific Reports</i> , 2020, 10, 15688.	1.6	31
6	<i>Vitis vinifera</i> "Pinot noir" leaves as a source of bioactive nutraceutical compounds. <i>Food and Function</i> , 2019, 10, 3822-3827.	2.1	28
7	Early stage metabolic events associated with the establishment of <i>Vitis vinifera</i> "Plasmopara viticola compatible interaction. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 1-13.	2.8	26
8	Early detection of <i>Plasmopara viticola</i> -infected leaves through FT-ICR-MS metabolic profiling. <i>Acta Horticulturae</i> , 2019, , 575-580.	0.1	4
9	Virus Disassembly Pathways Predicted from Geometry and Configuration Energy. <i>Communications in Computer and Information Science</i> , 2018, , 289-301.	0.4	0
10	ICT-Supported Interventions Targeting Pre-frailty: Healthcare Recommendations from the Personalised ICT Supported Service for Independent Living and Active Ageing (PERSSILAA) Study. <i>Communications in Computer and Information Science</i> , 2018, , 69-92.	0.4	4
11	How to Disassemble a Virus Capsid - A Computational Approach. , 2017, , .		1
12	Metabolomics for undergraduates: Identification and pathway assignment of mitochondrial metabolites. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 38-54.	0.5	6
13	Metabolite extraction for high-throughput FTICR-MS-based metabolomics of grapevine leaves. <i>EuPA Open Proteomics</i> , 2016, 12, 4-9.	2.5	35
14	Transthyretin Amyloidosis: Chaperone Concentration Changes and Increased Proteolysis in the Pathway to Disease. <i>PLoS ONE</i> , 2015, 10, e0125392.	1.1	25
15	Metabolism of biodiesel-derived glycerol in probiotic <i>Lactobacillus</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1735-1743.	1.7	10
16	The glyoxalase pathway: the first hundred years and beyond. <i>Biochemical Journal</i> , 2013, 453, 1-15.	1.7	210
17	The glyoxalase pathway in protozoan parasites. <i>International Journal of Medical Microbiology</i> , 2012, 302, 225-229.	1.5	54
18	Mining GO Annotations for Improving Annotation Consistency. <i>PLoS ONE</i> , 2012, 7, e40519.	1.1	33

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19	Optimization of Time-Course Experiments for Kinetic Model Discrimination. PLoS ONE, 2012, 7, e32749.	1.1	16
20	Enlightening the molecular basis of trypanothione specificity in trypanosomatids: Mutagenesis of <i>Leishmania infantum</i> glyoxalase II. Experimental Parasitology, 2011, 129, 402-408.	0.5	7
21	Targeting nitric oxide synthase with ^{99m} Tc/Re-tricarbonyl complexes containing pendant guanidino or isothioureia moieties. Journal of Organometallic Chemistry, 2011, 696, 1057-1065.	0.8	22
22	Cloning, expression, purification, crystallization and preliminary X-ray diffraction analysis of glyoxalase I from <i>Leishmania infantum</i> . Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 571-574.	0.7	9
23	Re and Tc Tricarbonyl Complexes: From the Suppression of NO Biosynthesis in Macrophages to in Vivo Targeting of Inducible Nitric Oxide Synthase. Bioconjugate Chemistry, 2010, 21, 2168-2172.	1.8	17
24	Enzyme classification with peptide programs: a comparative study. BMC Bioinformatics, 2009, 10, 231.	1.2	5
25	Re and ^{99m} Tc organometallic complexes containing pendant l-arginine derivatives as potential probes of inducible nitric oxide synthase. Dalton Transactions, 2009, , 152-162.	1.6	20
26	Measuring intracellular enzyme concentrations. Biochemistry and Molecular Biology Education, 2008, 36, 135-138.	0.5	5
27	Protein glycation and methylglyoxal metabolism in yeast: finding peptide needles in protein haystacks. FEMS Yeast Research, 2008, 8, 174-181.	1.1	22
28	Metrics for GO based protein semantic similarity: a systematic evaluation. BMC Bioinformatics, 2008, 9, S4.	1.2	274
29	Catalysis and Structural Properties of <i>Leishmania infantum</i> Glyoxalase II: Trypanothione Specificity and Phylogeny. Biochemistry, 2008, 47, 195-204.	1.2	42
30	Peptide programs. , 2008, , .		2
31	Protein glycation <i>in vivo</i> : functional and structural effects on yeast enolase. Biochemical Journal, 2008, 416, 317-326.	1.7	47
32	Potential role of the glyoxalase pathway as a drug target in <i>Leishmania infantum</i> : an exact steady-state model analysis. BMC Systems Biology, 2007, 1, .	3.0	1
33	Purification, crystallization and preliminary X-ray diffraction analysis of the glyoxalase II from <i>Leishmania infantum</i> . Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 805-807.	0.7	3
34	Yeast protein glycation <i>in vivo</i> by methylglyoxal. FEBS Journal, 2006, 273, 5273-5287.	2.2	67
35	Kinetic assay for measurement of enzyme concentration in situ. Analytical Biochemistry, 2006, 354, 148-150.	1.1	2
36	Quantitative assessment of the glyoxalase pathway in <i>Leishmania infantum</i> as a therapeutic target by modelling and computer simulation. FEBS Journal, 2005, 272, 2388-2398.	2.2	44

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37	Protein glycation in <i>Saccharomyces cerevisiae</i> . Argpyrimidine formation and methylglyoxal catabolism. <i>FEBS Journal</i> , 2005, 272, 4521-4531.	2.2	47
38	A quantitative model of the generation of N ^ε -(carboxymethyl)lysine in the Maillard reaction between collagen and glucose. <i>Biochemical Journal</i> , 2003, 376, 109-121.	1.7	45
39	Buffering in Models of Integrated Biochemical Systems. <i>Journal of Theoretical Biology</i> , 1998, 191, 429-438.	0.8	13