

Alexandre Cassago

List of Publications by Year in descending order

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19
papers

713
citations

759233

12
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839539

18
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21
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docs citations

21
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural dynamics of SARS-CoV-2 nucleocapsid protein induced by RNA binding. <i>PLoS Computational Biology</i> , 2022, 18, e1010121.	3.2	19
2	Specimen preparation optimization for size and morphology characterization of nanocellulose by TEM. <i>Cellulose</i> , 2020, 27, 5435-5444.	4.9	20
3	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. <i>Heliyon</i> , 2019, 5, e02648.	3.2	12
4	A revised order of subunits in mammalian septin complexes. <i>Cytoskeleton</i> , 2019, 76, 457-466.	2.0	69
5	Cryo-EM structure of the bacteria-killing type IV secretion system core complex from <i>Xanthomonas citri</i> . <i>Nature Microbiology</i> , 2018, 3, 1429-1440.	13.3	62
6	Evaluation of siRNA and cationic liposomes complexes as a model for in vitro siRNA delivery to cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 280-289.	4.7	10
7	<i>Schistosoma mansoni</i> displays an adenine phosphoribosyltransferase preferentially expressed in mature female gonads and vitelaria. <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 82-86.	1.1	8
8	Structure and kinetics assays of recombinant <i>Schistosoma mansoni</i> dihydrofolate reductase. <i>Acta Tropica</i> , 2017, 170, 190-196.	2.0	7
9	Analysis of two <i>Schistosoma mansoni</i> uridine phosphorylases isoforms suggests the emergence of a protein with a non-canonical function. <i>Biochimie</i> , 2016, 125, 12-22.	2.6	9
10	Structure and Mechanism of Dimer to Monomer Transition of a Plant Poly(A)-Binding Protein upon RNA Interaction: Insights into Its Poly(A) Tail Assembly. <i>Journal of Molecular Biology</i> , 2015, 427, 2491-2506.	4.2	5
11	Association between Cationic Liposomes and Low Molecular Weight Hyaluronic Acid. <i>Langmuir</i> , 2015, 31, 3308-3317.	3.5	34
12	Investigation of <i>Escherichia coli</i> Selenocysteine Synthase (SelA) Complex Formation Using Cryo-Electron Microscopy (Cryo-EM). <i>Microscopy and Microanalysis</i> , 2014, 20, 1282-1283.	0.4	0
13	Active Glutaminase C Self-assembles into a Supratetrameric Oligomer That Can Be Disrupted by an Allosteric Inhibitor. <i>Journal of Biological Chemistry</i> , 2013, 288, 28009-28020.	3.4	74
14	An efficient protocol for the production of tRNA-free recombinant Selenocysteine Synthase (SELA) from <i>Escherichia coli</i> and its biophysical characterization. <i>Protein Expression and Purification</i> , 2013, 88, 80-84.	1.3	6
15	Adenosine kinase from <i>Schistosoma mansoni</i> : structural basis for the differential incorporation of nucleoside analogues. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 126-136.	2.5	13
16	Functional Diversification of Cerato-Platanins in <i>Moniliophthora perniciosa</i> as Seen by Differential Expression and Protein Function Specialization. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1281-1293.	2.6	58
17	Mitochondrial localization and structure-based phosphate activation mechanism of Glutaminase C with implications for cancer metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1092-1097.	7.1	225
18	Identification of <i>Leishmania</i> selenoproteins and SECIS element. <i>Molecular and Biochemical Parasitology</i> , 2006, 149, 128-134.	1.1	40

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19	Cellophane based mini-prep method for DNA extraction from the filamentous fungus <i>Trichoderma reesei</i> . <i>BMC Microbiology</i> , 2002, 2, 14.	3.3	40