

# Alexandre Cassago

## List of Publications by Year in descending order

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19  
papers

713  
citations

759233

12  
h-index

839539

18  
g-index

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21  
docs citations

21  
times ranked

1443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial localization and structure-based phosphate activation mechanism of Glutaminase C with implications for cancer metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1092-1097.	7.1	225
2	Active Glutaminase C Self-assembles into a Supratetrameric Oligomer That Can Be Disrupted by an Allosteric Inhibitor. Journal of Biological Chemistry, 2013, 288, 28009-28020.	3.4	74
3	A revised order of subunits in mammalian septin complexes. Cytoskeleton, 2019, 76, 457-466.	2.0	69
4	Cryo-EM structure of the bacteria-killing type IV secretion system core complex from Xanthomonas citri. Nature Microbiology, 2018, 3, 1429-1440.	13.3	62
5	Functional Diversification of Cerato-Platanins in <i>Moniliophthora perniciosa</i> as Seen by Differential Expression and Protein Function Specialization. Molecular Plant-Microbe Interactions, 2013, 26, 1281-1293.	2.6	58
6	Cellophane based mini-prep method for DNA extraction from the filamentous fungus Trichoderma reesei. BMC Microbiology, 2002, 2, 14.	3.3	40
7	Identification of Leishmania selenoproteins and SECIS element. Molecular and Biochemical Parasitology, 2006, 149, 128-134.	1.1	40
8	Association between Cationic Liposomes and Low Molecular Weight Hyaluronic Acid. Langmuir, 2015, 31, 3308-3317.	3.5	34
9	Specimen preparation optimization for size and morphology characterization of nanocellulose by TEM. Cellulose, 2020, 27, 5435-5444.	4.9	20
10	Structural dynamics of SARS-CoV-2 nucleocapsid protein induced by RNA binding. PLoS Computational Biology, 2022, 18, e1010121.	3.2	19
11	Adenosine kinase from <i>Schistosoma mansoni</i> : structural basis for the differential incorporation of nucleoside analogues. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 126-136.	2.5	13
12	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. Heliyon, 2019, 5, e02648.	3.2	12
13	Evaluation of siRNA and cationic liposomes complexes as a model for in vitro siRNA delivery to cancer cells. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 555, 280-289.	4.7	10
14	Analysis of two Schistosoma mansoni uridine phosphorylases isoforms suggests the emergence of a protein with a non-canonical function. Biochimie, 2016, 125, 12-22.	2.6	9
15	Schistosoma mansoni displays an adenine phosphoribosyltransferase preferentially expressed in mature female gonads and vitelaria. Molecular and Biochemical Parasitology, 2017, 214, 82-86.	1.1	8
16	Structure and kinetics assays of recombinant Schistosoma mansoni dihydrofolate reductase. Acta Tropica, 2017, 170, 190-196.	2.0	7
17	An efficient protocol for the production of tRNA-free recombinant Selenocysteine Synthase (SELA) from Escherichia coli and its biophysical characterization. Protein Expression and Purification, 2013, 88, 80-84.	1.3	6
18	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. Journal of Molecular Biology, 2015, 427, 2491-2506.	4.2	5

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19	Investigation of Escherichia coli Selenocysteine Synthase (SelA) Complex Formation Using Cryo-Electron Microscopy (Cryo-EM). <i>Microscopy and Microanalysis</i> , 2014, 20, 1282-1283.	0.4	0