

# Carlos A Fuzo

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

50  
citations

4  
h-index

7  
g-index

15  
ext. papers

90  
ext. citations

4.2  
avg, IF

1.73  
L-index

#	Paper	IF	Citations
14	Inflammasome gene expression is associated with immunopathology in human localized cutaneous leishmaniasis. <i>Cellular Immunology</i> , <b>2019</b> , 341, 103920	4.4	12
13	New pockets in dengue virus 2 surface identified by molecular dynamics simulation. <i>Journal of Molecular Modeling</i> , <b>2013</b> , 19, 1369-77	2	8
12	Extensive structural change of the envelope protein of dengue virus induced by a tuned ionic strength: conformational and energetic analyses. <i>Journal of Computer-Aided Molecular Design</i> , <b>2012</b> , 26, 1311-25	4.2	7
11	Effect of the thermostat in the molecular dynamics simulation on the folding of the model protein chignolin. <i>Journal of Molecular Modeling</i> , <b>2012</b> , 18, 2785-94	2	7
10	Cholinergic and lipid mediators crosstalk in Covid-19 and the impact of glucocorticoid therapy		4
9	Matrix Metalloproteinases on Severe COVID-19 Lung Disease Pathogenesis: Cooperative Actions of MMP-8/MMP-2 Axis on Immune Response through HLA-G Shedding and Oxidative Stress. <i>Biomolecules</i> , <b>2022</b> , 12, 604	5.9	3
8	Molecular basis of a bacterial-amphibian symbiosis revealed by comparative genomics, modeling, and functional testing. <i>ISME Journal</i> , <b>2021</b> ,	11.9	2
7	Multifaceted antibodies development against synthetic $\beta$ -dystroglycan mucin glycopeptide as promising tools for dystroglycanopathies diagnostic. <i>Glycoconjugate Journal</i> , <b>2020</b> , 37, 77-93	3	2
6	Dietary patterns related to zinc and polyunsaturated fatty acids intake are associated with serum linoleic/dihomo- $\alpha$ -linolenic ratio in NHANES males and females. <i>Scientific Reports</i> , <b>2021</b> , 11, 12215	4.9	2
5	sTREM-1 Predicts Disease Severity and Mortality in COVID-19 Patients: Involvement of Peripheral Blood Leukocytes and MMP-8 Activity.. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
4	Adjacent dimer epitope of envelope protein as an important region for Zika virus serum neutralization: a computational investigation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 1082-1092	3.6	1
3	Extended secondary structures in proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2014</b> , 1844, 384-8	4	0
2	A quantum biochemistry investigation of the protein-protein interactions for the description of allosteric modulation on biomass-degrading chimera. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 25936-25948	3.6	0
1	Use of molecular dynamics data in biochemistry courses: An amphipathy scale to determine protein $\alpha$ -helix transmembrane segments. <i>Biochemistry and Molecular Biology Education</i> , <b>2008</b> , 36, 129-34	1.3	