

# Carlos A Fuzo

## List of Publications by Year in Descending Order

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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 | 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         |
| 13 | 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         |
| 12 | Dietary patterns related to zinc and polyunsaturated fatty acids intake are associated with serum linoleic/dihomo- $\omega$ -linolenic ratio in NHANES males and females. <i>Scientific Reports</i> , <b>2021</b> , 11, 12215  | 4.9  | 2         |
| 11 | 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         |
| 10 | 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         |
| 9  | 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         |
| 8  | 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         |
| 7  | Inflammasome gene expression is associated with immunopathology in human localized cutaneous leishmaniasis. <i>Cellular Immunology</i> , <b>2019</b> , 341, 103920   | 4.4  | 12        |
| 6  | Extended secondary structures in proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2014</b> , 1844, 384-8  | 4    | 0         |
| 5  | 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         |
| 4  | 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         |
| 3  | 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         |
| 2  | 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  |           |
| 1  | Cholinergic and lipid mediators crosstalk in Covid-19 and the impact of glucocorticoid therapy   |      | 4         |