

Jaime Guillen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

735
citations

567144

15
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

949
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Development of ICT01, a first-in-class, anti-BTN3A antibody for activating V β 39V α 2 T cell-mediated antitumor immune response. <i>Science Translational Medicine</i> , 2021, 13, eabj0835. | 5.8 | 49 |
| 2 | Abstract B133: Regulation of antiviral immune responses by RNase L. , 2016, , . | | 0 |
| 3 | mRNA Capping by Venezuelan Equine Encephalitis Virus nsP1: Functional Characterization and Implications for Antiviral Research. <i>Journal of Virology</i> , 2015, 89, 8292-8303. | 1.5 | 52 |
| 4 | Structural and biophysical analysis of sequence insertions in the Venezuelan Equine Encephalitis Virus macro domain. <i>Virus Research</i> , 2015, 201, 94-100. | 1.1 | 2 |
| 5 | Structural insights into the Ca ²⁺ and PI(4,5)P ₂ binding modes of the C2 domains of rabphilin 3A and synaptotagmin 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20503-20508. | 3.3 | 64 |
| 6 | Secondary structure determination by FTIR of an archaeal ubiquitin-like polypeptide from <i>Natrialba magadii</i> . <i>European Biophysics Journal</i> , 2011, 40, 1101-1107. | 1.2 | 3 |
| 7 | A membranotropic region in the C-terminal domain of Hepatitis C virus protein NS4B. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 327-337. | 1.4 | 22 |
| 8 | Interaction of the N-terminal segment of HCV protein NS5A with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1212-1224. | 1.4 | 13 |
| 9 | Interaction of a peptide corresponding to the loop domain of the S2 SARS-CoV virus protein with model membranes. <i>Molecular Membrane Biology</i> , 2009, 26, 236-248. | 2.0 | 9 |
| 10 | Structural and Dynamic Characterization of the Interaction of the Putative Fusion Peptide of the S2 SARS-CoV Virus Protein with Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6997-7007. | 1.2 | 29 |
| 11 | Interaction of the Most Membranotropic Region of the HCV E2 Envelope Glycoprotein with Membranes. Biophysical Characterization. <i>Biophysical Journal</i> , 2008, 94, 4737-4750. | 0.2 | 11 |
| 12 | Biophysical characterization and membrane interaction of the most membranotropic region of the HIV-1 gp41 endodomain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1298-1307. | 1.4 | 10 |
| 13 | The pre-transmembrane region of the HCV E1 envelope glycoprotein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2069-2080. | 1.4 | 15 |
| 14 | Membrane insertion of the three main membranotropic sequences from SARS-CoV S2 glycoprotein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2765-2774. | 1.4 | 43 |
| 15 | A Second SARS-CoV S2 Glycoprotein Internal Membrane-Active Peptide. Biophysical Characterization and Membrane Interaction. <i>Biochemistry</i> , 2008, 47, 8214-8224. | 1.2 | 38 |
| 16 | Identification of the Membrane-active Regions of Hepatitis C Virus p7 Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 8089-8101. | 1.6 | 31 |
| 17 | Structure of the C-terminal domain of the pro-apoptotic protein Hrk and its interaction with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1659-1670. | 1.4 | 27 |
| 18 | Characterization of the Interaction of Two Peptides from the N Terminus of the NHR Domain of HIV-1 gp41 with Phospholipid Membranes. <i>Biochemistry</i> , 2007, 46, 10572-10584. | 1.2 | 35 |

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|----|---|-----|-----------|
| 19 | Interaction of a Peptide from the Pre-transmembrane Domain of the Severe Acute Respiratory Syndrome Coronavirus Spike Protein with Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13714-13725. | 1.2 | 23 |
| 20 | Fusogenic regions of HCV E1 and E2 Env glycoproteins. <i>Chemistry and Physics of Lipids</i> , 2007, 149, S38. | 1.5 | 0 |
| 21 | The Membrane-Active Regions of the Hepatitis C Virus E1 and E2 Envelope Glycoproteins. <i>Biochemistry</i> , 2006, 45, 3755-3768. | 1.2 | 63 |
| 22 | Rosemary (<i>Rosmarinus officinalis</i>) diterpenes affect lipid polymorphism and fluidity in phospholipid membranes. <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 224-236. | 1.4 | 72 |
| 23 | Identification of the Membrane-Active Regions of the Severe Acute Respiratory Syndrome Coronavirus Spike Membrane Glycoprotein Using a 16/18-Mer Peptide Scan: Implications for the Viral Fusion Mechanism. <i>Journal of Virology</i> , 2005, 79, 1743-1752. | 1.5 | 76 |
| 24 | Location and orientation of Triclosan in phospholipid model membranes. <i>European Biophysics Journal</i> , 2004, 33, 448-53. | 1.2 | 48 |