

# Jaime Guillen

## List of Publications by Year in descending order

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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	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
2	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
3	Structural insights into the Ca <sup>2+</sup> and PI(4,5)P <sub>2</sub> 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
4	The Membrane-Active Regions of the Hepatitis C Virus E1 and E2 Envelope Glycoproteins. <i>Biochemistry</i> , 2006, 45, 3755-3768.	1.2	63
5	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
6	Development of ICT01, a first-in-class, anti-BTN3A antibody for activating V $\alpha$ 39V $\beta$ 2 T cell-mediated antitumor immune response. <i>Science Translational Medicine</i> , 2021, 13, eabj0835.	5.8	49
7	Location and orientation of Triclosan in phospholipid model membranes. <i>European Biophysics Journal</i> , 2004, 33, 448-53.	1.2	48
8	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
9	A Second SARS-CoV S2 Glycoprotein Internal Membrane-Active Peptide. <i>Biophysical Characterization and Membrane Interaction</i> . <i>Biochemistry</i> , 2008, 47, 8214-8224.	1.2	38
10	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
11	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
12	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
13	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
14	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
15	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
16	The pre-transmembrane region of the HCV E1 envelope glycoprotein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 2069-2080.	1.4	15
17	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
18	Interaction of the Most Membranotropic Region of the HCV E2 Envelope Glycoprotein with Membranes. <i>Biophysical Characterization</i> . <i>Biophysical Journal</i> , 2008, 94, 4737-4750.	0.2	11

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19	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
20	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
21	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
22	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
23	Fusogenic regions of HCV E1 and E2 Env glycoproteins. <i>Chemistry and Physics of Lipids</i> , 2007, 149, S38.	1.5	0
24	Abstract B133: Regulation of antiviral immune responses by RNase L. , 2016, , .		0