

Luis Martinez-Gil

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,263
citations

331670

21
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

2179
citing authors

#	ARTICLE	IF	CITATIONS
1	Topoisomerase 1 inhibition suppresses inflammatory genes and protects from death by inflammation. <i>Science</i> , 2016, 352, aad7993.	12.6	132
2	A Sendai Virus-Derived RNA Agonist of RIG-I as a Virus Vaccine Adjuvant. <i>Journal of Virology</i> , 2013, 87, 1290-1300.	3.4	107
3	Synthetic Toll-Like Receptor 4 (TLR4) and TLR7 Ligands as Influenza Virus Vaccine Adjuvants Induce Rapid, Sustained, and Broadly Protective Responses. <i>Journal of Virology</i> , 2015, 89, 3221-3235.	3.4	92
4	The Tobacco mosaic virus Movement Protein Associates with but Does Not Integrate into Biological Membranes. <i>Journal of Virology</i> , 2014, 88, 3016-3026.	3.4	76
5	Adjuvants and Immunization Strategies to Induce Influenza Virus Hemagglutinin Stalk Antibodies. <i>PLoS ONE</i> , 2013, 8, e79194.	2.5	58
6	SARS-CoV-2 envelope protein topology in eukaryotic membranes. <i>Open Biology</i> , 2020, 10, 200209.	3.6	56
7	Residual Baculovirus in Insect Cell-Derived Influenza Virus-Like Particle Preparations Enhances Immunogenicity. <i>PLoS ONE</i> , 2012, 7, e51559.	2.5	56
8	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015, 16, 485-494.	14.5	50
9	Plant Virus Cell-to-Cell Movement Is Not Dependent on the Transmembrane Disposition of Its Movement Protein. <i>Journal of Virology</i> , 2009, 83, 5535-5543.	3.4	49
10	Membrane Integration of Poliovirus 2B Viroporin. <i>Journal of Virology</i> , 2011, 85, 11315-11324.	3.4	43
11	A Novel Small Molecule Inhibitor of Influenza A Viruses that Targets Polymerase Function and Indirectly Induces Interferon. <i>PLoS Pathogens</i> , 2012, 8, e1002668.	4.7	42
12	Exploring the Human-Nipah Virus Protein-Protein Interactome. <i>Journal of Virology</i> , 2017, 91, .	3.4	38
13	The role of hydrophobic matching on transmembrane helix packing in cells. <i>Cell Stress</i> , 2017, 1, 90-106.	3.2	37
14	RNA-binding properties and membrane insertion of Melon necrotic spot virus (MNSV) double gene block movement proteins. <i>Virology</i> , 2006, 356, 57-67.	2.4	36
15	Membrane insertion and topology of the p7B movement protein of Melon Necrotic Spot Virus (MNSV). <i>Virology</i> , 2007, 367, 348-357.	2.4	34
16	Membrane protein integration into the endoplasmic reticulum. <i>FEBS Journal</i> , 2011, 278, 3846-3858.	4.7	32
17	Membrane Insertion and Topology of the Translocating Chain-Associating Membrane Protein (TRAM). <i>Journal of Molecular Biology</i> , 2011, 406, 571-582.	4.2	31
18	Charge Pair Interactions in Transmembrane Helices and Turn Propensity of the Connecting Sequence Promote Helical Hairpin Insertion. <i>Journal of Molecular Biology</i> , 2013, 425, 830-840.	4.2	30

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19	The Surfactant Peptide KL4 Sequence Is Inserted with a Transmembrane Orientation into the Endoplasmic Reticulum Membrane. <i>Biophysical Journal</i> , 2008, 95, L36-L38.	0.5	29
20	Membrane Insertion and Biogenesis of the Turnip Crinkle Virus p9 Movement Protein. <i>Journal of Virology</i> , 2010, 84, 5520-5527.	3.4	28
21	Identification of Small Molecules with Type I Interferon Inducing Properties by High-Throughput Screening. <i>PLoS ONE</i> , 2012, 7, e49049.	2.5	27
22	Serum- and Glucocorticoid-Regulated Kinase 1 Is Required for Nuclear Export of the Ribonucleoprotein of Influenza A Virus. <i>Journal of Virology</i> , 2013, 87, 6020-6026.	3.4	20
23	Membrane insertion and topology of the translocon-associated protein (TRAP) gamma subunit. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 903-909.	2.6	18
24	Viral Membrane Protein Topology Is Dictated by Multiple Determinants in Its Sequence. <i>Journal of Molecular Biology</i> , 2009, 387, 113-128.	4.2	16
25	Viroporins, Examples of the Two-Stage Membrane Protein Folding Model. <i>Viruses</i> , 2015, 7, 3462-3482.	3.3	16
26	Proteomic composition of Nipah virus-like particles. <i>Journal of Proteomics</i> , 2018, 172, 190-200.	2.4	16
27	Viral Bcl2 TM transmembrane domain interact with host Bcl2 proteins to control cellular apoptosis. <i>Nature Communications</i> , 2020, 11, 6056.	12.8	16
28	Cetylpyridinium chloride promotes disaggregation of SARS-CoV-2 virus-like particles. <i>Journal of Oral Microbiology</i> , 2022, 14, 2030094.	2.7	16
29	A small molecule multi-kinase inhibitor reduces influenza A virus replication by restricting viral RNA synthesis. <i>Antiviral Research</i> , 2013, 100, 29-37.	4.1	12
30	Membrane topology of gp41 and amyloid precursor protein: Interfering transmembrane interactions as potential targets for HIV and Alzheimer treatment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 2132-2141.	2.6	11
31	A Bimolecular Multicellular Complementation System for the Detection of Syncytium Formation: A New Methodology for the Identification of Nipah Virus Entry Inhibitors. <i>Viruses</i> , 2019, 11, 229.	3.3	10
32	Towards peptide-based tunable multistate memristive materials. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1802-1810.	2.8	7
33	NMR Investigation of Structures of G-protein Coupled Receptor Folding Intermediates. <i>Journal of Biological Chemistry</i> , 2016, 291, 27170-27186.	3.4	6
34	Folding and Insertion of Transmembrane Helices at the ER. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12778.	4.1	5
35	Insertion of Bacteriorhodopsin Helix C Variants into Biological Membranes. <i>ACS Omega</i> , 2020, 5, 556-560.	3.5	3
36	Methodological approaches for the analysis of transmembrane domain interactions: A systematic review. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183712.	2.6	3

#	ARTICLE	IF	CITATIONS
37	The Role of Self-Assembling Lipid Molecules in Vaccination. <i>Advances in Biomembranes and Lipid Self-Assembly</i> , 2018, 27, 1-37.	0.6	1
38	The importance of transmembrane domain interactions in the viral control of apoptosis. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1911290.	0.7	0