

Maria Jesus Garcia-Murria

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

388
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	The ER-Membrane Transport System Is Critical for Intercellular Trafficking of the NSm Movement Protein and Tomato Spotted Wilt Tospovirus. <i>PLoS Pathogens</i> , 2016, 12, e1005443.	4.7	87
2	Redox modulation of Rubisco conformation and activity through its cysteine residues. <i>Journal of Experimental Botany</i> , 2007, 59, 1605-1614.	4.8	76
3	SARS-CoV-2 envelope protein topology in eukaryotic membranes. <i>Open Biology</i> , 2020, 10, 200209.	3.6	56
4	The role of hydrophobic matching on transmembrane helix packing in cells. <i>Cell Stress</i> , 2017, 1, 90-106.	3.2	37
5	Proteomic composition of Nipah virus-like particles. <i>Journal of Proteomics</i> , 2018, 172, 190-200.	2.4	16
6	Viral Bcl2sâ€™™ transmembrane domain interact with host Bcl2 proteins to control cellular apoptosis. <i>Nature Communications</i> , 2020, 11, 6056.	12.8	16
7	Cetylpyridinium chloride promotes disaggregation of SARS-CoV-2 virus-like particles. <i>Journal of Oral Microbiology</i> , 2022, 14, 2030094.	2.7	16
8	The C-terminal Domains of Apoptotic BH3-only Proteins Mediate Their Insertion into Distinct Biological Membranes. <i>Journal of Biological Chemistry</i> , 2016, 291, 25207-25216.	3.4	14
9	The SARS-CoV-2 envelope (E) protein has evolved towards membrane topology robustness. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183608.	2.6	14
10	Structural and functional consequences of the replacement of proximal residues Cys172 and Cys192 in the large subunit of ribulose-1,5-bisphosphate carboxylase/oxygenase from <i>Chlamydomonas reinhardtii</i> . <i>Biochemical Journal</i> , 2008, 411, 241-247.	3.7	11
11	Dissecting the individual contribution of conserved cysteines to the redox regulation of RubisCO. <i>Photosynthesis Research</i> , 2018, 137, 251-262.	2.9	11
12	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
13	Simple chemical tools to expand the range of proteomics applications. <i>Journal of Proteomics</i> , 2011, 74, 137-150.	2.4	9
14	N-Linked Glycosylation of the p24 Family Protein p24 ⁵ Modulates Retrograde Golgi-to-ER Transport of K/HDEL Ligands in Arabidopsis. <i>Molecular Plant</i> , 2017, 10, 1095-1106.	8.3	8
15	Reversible inhibition of CO ₂ fixation by ribulose 1,5-bisphosphate carboxylase/oxygenase through the synergic effect of arsenite and a monothiol. <i>Plant, Cell and Environment</i> , 2013, 36, 1160-1170.	5.7	5
16	REDOX PROPERTIES ARE CONSERVED IN RUBISCOS FROM DIATOMS AND GREEN ALGAE THROUGH A DIFFERENT PATTERN OF CYSTEINES ¹ . <i>Journal of Phycology</i> , 2010, 46, 516-524.	2.3	1
17	Characterization of the inner membrane protein BB0173 from <i>Borrelia burgdorferi</i> . <i>BMC Microbiology</i> , 2017, 17, 219.	3.3	1
18	Differences in the Association of BH3-Only Proteins to Biological Membranes. <i>Biophysical Journal</i> , 2017, 112, 205a.	0.5	0

#	ARTICLE	IF	CITATIONS
19	The Role of Hydrophobic Mismatch on Transmembrane Helix Dimerization in Living Cells. Biophysical Journal, 2019, 116, 90a.	0.5	0