

# Maria João Sarmiento

## List of Publications by Year in descending order

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22  
papers

376  
citations

1040056

9  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Lipid Nanodomains. <i>Chemical Reviews</i> , 2018, 118, 11259-11297.	47.7	152
2	Ca <sup>2+</sup> induces PI(4,5)P <sub>2</sub> clusters on lipid bilayers at physiological PI(4,5)P <sub>2</sub> and Ca <sup>2+</sup> concentrations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 822-830.	2.6	47
3	Exploiting the tunability of stimulated emission depletion microscopy for super-resolution imaging of nuclear structures. <i>Nature Communications</i> , 2018, 9, 3415.	12.8	40
4	Interleaflet Coupling of Lipid Nanodomains – Insights From in vitro Systems. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 284.	3.7	33
5	Organization of gangliosides into membrane nanodomains. <i>FEBS Letters</i> , 2020, 594, 3668-3697.	2.8	23
6	Nanoscale Distribution of Nuclear Sites by Super-Resolved Image Cross-Correlation Spectroscopy. <i>Biophysical Journal</i> , 2019, 117, 2054-2065.	0.5	18
7	Role of calcium in membrane interactions by PI(4,5)P <sub>2</sub> -binding proteins. <i>Biochemical Society Transactions</i> , 2014, 42, 1441-1446.	3.4	16
8	Membrane Order Is a Key Regulator of Divalent Cation-Induced Clustering of PI(3,5)P <sub>2</sub> and PI(4,5)P <sub>2</sub> . <i>Langmuir</i> , 2017, 33, 12463-12477.	3.5	13
9	Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Clinical Isolates: In Vivo Virulence Assessment in <i>Galleria mellonella</i> and Potential Therapeutics by Polycationic Oligoethyleneimine. <i>Antibiotics</i> , 2021, 10, 56.	3.7	12
10	The impact of the glycan headgroup on the nanoscopic segregation of gangliosides. <i>Biophysical Journal</i> , 2021, 120, 5530-5543.	0.5	8
11	Aquaporin-3 and Aquaporin-5 Facilitate Migration and Cell–Cell Adhesion in Pancreatic Cancer by Modulating Cell Biomechanical Properties. <i>Cells</i> , 2022, 11, 1308.	4.1	8
12	Accurate quantification of inter-domain partition coefficients in GUVs exhibiting lipid phase coexistence. <i>RSC Advances</i> , 2016, 6, 66641-66649.	3.6	5
13	Quantitative FRET Microscopy Reveals a Crucial Role of Cytoskeleton in Promoting PI(4,5)P <sub>2</sub> Confinement. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11727.	4.1	1
14	High Affinity Immobilization of Giant Unilamellar Vesicles (GUVs) Induces Redistribution of Lipid Domains. <i>Biophysical Journal</i> , 2012, 102, 295a.	0.5	0
15	Physiological Calcium Concentrations Induce PI(4,5)P <sub>2</sub> Clustering: PI(4,5)P <sub>2</sub> as a Lipidic Calcium Sensor. <i>Biophysical Journal</i> , 2013, 104, 372a.	0.5	0
16	Analysis of PI(4,5)P <sub>2</sub> Lateral Organization at the Plasma Membrane of Living Cells Through FRET. <i>Biophysical Journal</i> , 2015, 108, 342a.	0.5	0
17	Spatial Organization of Nuclear Structures by Dual Colour Super-Resolution Microscopy. <i>Biophysical Journal</i> , 2017, 112, 313a.	0.5	0
18	Chromatin Accessibility Studied by Slow Scan FCS in the Eukaryotic Nucleus. <i>Biophysical Journal</i> , 2017, 112, 216a.	0.5	0

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19	Quantitative Mapping of Intranuclear Diffusion in Living Cells by Phasor Analysis of Local RICS. <i>Biophysical Journal</i> , 2017, 112, 296a.	0.5	0
20	Heterogeneity of the Nuclear Environment Investigated by Superresolution Microscopy and Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2017, 112, 142a.	0.5	0
21	SPLIT-STED Imaging of Nuclear Structures. <i>Biophysical Journal</i> , 2018, 114, 348a.	0.5	0
22	Impact of Ca <sup>2+</sup> -Induced PI(4,5)P <sub>2</sub> Clusters on PH-YFP Organization and Protein-Protein Interactions. <i>Biomolecules</i> , 2022, 12, 912.	4.0	0