Maria JoÃ£o Sarmento

List of Publications by Year
in descending order

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	Aquaporin-3 and Aquaporin-5 Facilitate Migration and Cellâ€“Cell Adhesion in Pancreatic Cancer by Modulating Cell Biomechanical Properties. Cells, 2022, 11, 1308.	4.1	8
2	Impact of Ca2+-Induced PI(4,5)P2 Clusters on PH-YFP Organization and Protein-Protein Interactions. Biomolecules, 2022, 12, 912.	4.0	0
3	Carbapenem-Resistant Klebsiella pneumoniae Clinical Isolates: In Vivo Virulence Assessment in Galleria mellonella and Potential Therapeutics by Polycationic Oligoethyleneimine. Antibiotics, 2021, 10, 56.	3.7	12
4	Quantitative FRET Microscopy Reveals a Crucial Role of Cytoskeleton in Promoting PI(4,5)P2 Confinement. International Journal of Molecular Sciences, 2021, 22, 11727.	4.1	1
5	The impact of the glycan headgroup on the nanoscopic segregation of gangliosides. Biophysical Journal, 2021, 120, 5530-5543.	0.5	8
6	Interleaflet Coupling of Lipid Nanodomains â€“ Insights From in vitro Systems. Frontiers in Cell and Developmental Biology, 2020, 8, 284.	3.7	33
7	Organization of gangliosides into membrane nanodomains. FEBS Letters, 2020, 594, 3668-3697.	2.8	23
8	Nanoscale Distribution of Nuclear Sites by Super-Resolved Image Cross-Correlation Spectroscopy. Biophysical Journal, 2019, 117, 2054-2065.	0.5	18
9	SPLIT-STED Imaging of Nuclear Structures. Biophysical Journal, 2018, 114, 348a.	0.5	0
10	Membrane Lipid Nanodomains. Chemical Reviews, 2018, 118, 11259-11297.	47.7	152
11	Exploiting the tunability of stimulated emission depletion microscopy for super-resolution imaging of nuclear structures. Nature Communications, 2018, 9, 3415.	12.8	40
12	Spatial Organization of Nuclear Structures by Dual Colour Super-Resolution Microscopy. Biophysical Journal, 2017, 112, 313a.	0.5	0
13	Chromatin Accessibility Studied by Slow Scan FCS in the Eukaryotic Nucleus. Biophysical Journal, 2017, 112, 216a.	0.5	0
14	Quantitative Mapping of Intranuclear Diffusion in Living Cells by Phasor Analysis of Local RICS. Biophysical Journal, 2017, 112, 296a.	0.5	0
15	Heterogeneity of the Nuclear Environment Investigated by Superresolution Microscopy and Fluorescence Correlation Spectroscopy. Biophysical Journal, 2017, 112, 142a.	0.5	0
16	Membrane Order Is a Key Regulator of Divalent Cation-Induced Clustering of PI(3,5)P₂ and PI(4,5)P₂. Langmuir, 2017, 33, 12463-12477.	3.5	13
17	Accurate quantification of inter-domain partition coefficients in GUVs exhibiting lipid phase coexistence. RSC Advances, 2016, 6, 66641-66649.	3.6	5
18	Analysis of PI(4,5)P2 Lateral Organization at the Plasma Membrane of Living Cells Through FRET. Biophysical Journal, 2015, 108, 342a.	0.5	0

#	Article	IF	Citations
19	Ca2+ induces PI(4,5)P2 clusters on lipid bilayers at physiological PI(4,5)P2 and Ca2+ concentrations. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 822-830.	2.6	47
20	Role of calcium in membrane interactions by PI(4,5)P2-binding proteins. Biochemical Society Transactions, 2014, 42, 1441-1446.	3.4	16
21	Physiological Calcium Concentrations Induce PI(4,5)P2 Clustering: PI(4,5)P2 as a Lipidic Calcium Sensor. Biophysical Journal, 2013, 104, 372a.	0.5	0
22	High Affinity Immobilization of Giant Unilamellar Vesicles (GUVs) Induces Redistribution of Lipid Domains. Biophysical Journal, 2012, 102, 295a.	0.5	0