Jorge Martins

List of Publications by Year
in descending order

18 papers	389 citations	840776 11 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	606 citing authors

#	Article	IF	Citations
1	Self-assembled polymeric nanoparticles as new, smart contrast agents for cancer early detection using magnetic resonance imaging. International Journal of Nanomedicine, 2015, 10, 63.	6.7	7
2	Behavior of pyrene as a polarity probe in palmitoylsphingomyelin and palmitoylsphingomyelin/cholesterol bilayers: A molecular dynamics simulation study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 296-306.	4.7	15
3	Induction of defence responses by cinnamomins against Phytophthora cinnamomi in Quercus suber and Quercus ilex subs. rotundifolia. European Journal of Plant Pathology, 2015, 143, 705-723.	1.7	10
4	Effects of reaction probability and occupation area in the electron transfer kinetics of the mitochondrial chain segment involving complexes I, II and ubiquinone: A Monte-Carlo simulation study. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, e29.	1.0	0
5	Sensing hydration and behavior of pyrene in POPC and POPC/cholesterol bilayers: A molecular dynamics study. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1094-1101.	2.6	31
6	Can pyrene be localized inside lipid bilayers by simultaneously measuring Py values, and fulfilling the excimer formation conditions?. Chemistry and Physics of Lipids, 2012, 165, 866-869.	3.2	1
7	Development of a highly sensitive bacteria detection assay using fluorescent pH-responsive polymeric micelles. Biosensors and Bioelectronics, 2011, 26, 3517-3523.	10.1	42
8	Partitioning of 1-pyrenesulfonate into zwitterionic and mixed zwitterionic/anionic fluid phospholipid bilayers. Chemistry and Physics of Lipids, 2008, 154, 79-86.	3.2	7
9	Bilayer polarity and its thermal dependency in the â„“o and â„“d phases of binary phosphatidylcholine/cholesterol mixtures. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2914-2922.	2.6	25
10	Foraging habitat selection by Little Terns Sternula albifrons in an estuarine lagoon system of southern Portugal. Ibis, 2007, 150, 18-31.	1.9	20
11	INTERCOLONY AND ANNUAL DIFFERENCES IN THE DIET AND FEEDING ECOLOGY OF LITTLE TERN ADULTS AND CHICKS IN PORTUGAL. Condor, 2006, 108, 366.	1.6	13
12	Kinetics of bimolecular reactions in model bilayers and biological membranes. A critical review. Biophysical Chemistry, 2006, 123, 77-94.	2.8	51
13	Decavanadate interactions with actin: Inhibition of G-actin polymerization and stabilization of decameric vanadate. Journal of Inorganic Biochemistry, 2006, 100, 1734-1743.	3.5	67
14	Reappraisal of four different approaches for finding the mean reaction time in the multi-trap variant of the Adamâ€“DelbrÃ¼ck problem. Journal of Chemical Physics, 2004, 120, 9390-9393.	3.0	7
15	Molecular Mechanism of Lateral Diffusion of py10-PC and Free Pyrene in Fluid DMPC Bilayers. Biophysical Journal, 2001, 80, 832-840.	0.5	33
16	Recipes for Analyzing Diffusion-Controlled Reactions in Two Dimensions:â€‰ Time-Resolved and Steady-State Measurements. Journal of Physical Chemistry B, 2000, 104, 12035-12038.	2.6	22
17	Kinetics of Two-Dimensional Diffusion-Controlled Reactions:Â A Monte Carlo Simulation of Hard-Disk Reactants Undergoing a Pearson-Type Random Walk. Journal of Physical Chemistry B, 2000, 104, 4986-4991.	2.6	14
18	Long-Range Diffusion Coefficients in Two-Dimensional Fluid Media Measured by the Pyrene Excimer Reactionâ€. The Journal of Physical Chemistry, 1996, 100, 1889-1895.	2.9	23