

# Jorge Martins

## List of Publications by Year in descending order

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