Rafael de Oliveira Pedro

List of Publications by Year in Descending Order

9 papers	216 citations	8 h-index	10 g-index
10 ext. papers	258 ext. citations	5.7 avg, IF	3.1 L-index

#	Paper	IF	Citations
9	Influence of the Molecular Orientation and Ionization of Self-Assembled Monolayers in Biosensors: Application to Genosensors of Prostate Cancer Antigen 3. *Journal of Physical Chemistry C*, **2021**, 125, 498-506	3.8	8
8	Interaction of chitosan derivatives with cell membrane models in a biologically relevant medium. *Colloids and Surfaces B: Biointerfaces*, **2020**, 192, 111048	6	7
7	Genosensor made with a self-assembled monolayer matrix to detect MGMT gene methylation in head and neck cancer cell lines. *Talanta*, **2020**, 210, 120609	6.2	12
6	Self-aggregated nanoparticles of N-dodecyl,N?-glycidyl(chitosan) as pH-responsive drug delivery systems for quercetin. *Journal of Applied Polymer Science*, **2018**, 135, 45678	2.9	14
5	Self-assembled amphiphilic chitosan nanoparticles for quercetin delivery to breast cancer cells. *European Journal of Pharmaceutics and Biopharmaceutics*, **2018**, 131, 203-210	5.7	37
4	Synergistic effect of quercetin and pH-responsive DEAE-chitosan carriers as drug delivery system for breast cancer treatment. *International Journal of Biological Macromolecules*, **2018**, 106, 579-586	7.9	34
3	Syntheses and characterization of amphiphilic quaternary ammonium chitosan derivatives. *Carbohydrate Polymers*, **2016**, 147, 97-103	10.3	30
2	Synthesis, characterization and antifungal activity of quaternary derivatives of chitosan on Aspergillus flavus. *Microbiological Research*, **2013**, 168, 50-5	5.3	56
1	Hydrophobic effect of amphiphilic derivatives of chitosan on the antifungal activity against Aspergillus flavus and Aspergillus parasiticus. *Molecules*, **2013**, 18, 4437-50	4.8	18