

Rafael de Oliveira Pedro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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