

# Guilherme Fadel Picheth

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

950  
citations

687363  
13  
h-index

580821  
25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial cellulose in biomedical applications: A review. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 97-106.	7.5	457
2	Supramolecular poly(acrylic acid)/F127 hydrogel with hydration-controlled nitric oxide release for enhancing wound healing. <i>Acta Biomaterialia</i> , 2018, 74, 312-325.	8.3	87
3	Piezoelectric immunochip coated with thin films of bacterial cellulose nanocrystals for dengue detection. <i>Biosensors and Bioelectronics</i> , 2017, 92, 47-53.	10.1	76
4	Influence of mechanical pretreatment to isolate cellulose nanocrystals by sulfuric acid hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 622-626.	7.5	36
5	Lysozyme-Triggered Epidermal Growth Factor Release from Bacterial Cellulose Membranes Controlled by Smart Nanostructured Films. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3958-3965.	3.3	35
6	Bacterial cellulose nanocrystals: impact of the sulfate content on the interaction with xyloglucan. <i>Cellulose</i> , 2015, 22, 1773-1787.	4.9	33
7	Long-term decomposition of aqueous S-nitrosoglutathione and S-nitroso-N-acetylcysteine: Influence of concentration, temperature, pH and light. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 84, 30-37.	2.7	31
8	Influence of Pluronic F127 microenvironments on the photochemical nitric oxide release from S-nitrosoglutathione. <i>Journal of Colloid and Interface Science</i> , 2019, 544, 217-229.	9.4	22
9	Disruptive enzyme-based strategies to isolate nanocelluloses: a review. <i>Cellulose</i> , 2020, 27, 5457-5475.	4.9	21
10	Wound healing action of nitric oxide-releasing self-expandable collagen sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 807-818.	2.7	20
11	Comb-Like Fluorophilic-Lipophilic-Hydrophilic Polymers for Nanocapsules as Ultrasound Contrast Agents. <i>Biomacromolecules</i> , 2018, 19, 3244-3256.	5.4	18
12	Echogenicity enhancement by end-fluorinated polylactide perfluorohexane nanocapsules: Towards ultrasound-activable nanosystems. <i>Acta Biomaterialia</i> , 2017, 64, 313-322.	8.3	17
13	End-chain fluorination of polyesters favors perfluorooctyl bromide encapsulation into echogenic PEGylated nanocapsules. <i>Polymer Chemistry</i> , 2017, 8, 2559-2570.	3.9	14
14	Pickering emulsions formation using kaolinite and Brazil nut oil: particle hydrophobicity and oil self emulsion effect. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 901-910.	2.4	12
15	S-nitrosothiol-terminated Pluronic F127: Influence of microstructure on nitric oxide release. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 457-467.	9.4	12
16	Characterisation of ultra-thin films of oxidised bacterial cellulose for enhanced anchoring and build-up of polyelectrolyte multilayers. <i>Colloid and Polymer Science</i> , 2014, 292, 97-105.	2.1	11
17	S-nitrosothiol-terminated poly(vinyl alcohol): Nitric oxide release and skin blood flow response. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 41-49.	2.7	10
18	Antitumoral activity of liraglutide, a new DNMT inhibitor in breast cancer cells in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2021, 349, 109641.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Effect of Different Tensioactives on the Morphology and Release Kinetics of PLA-b-PEG Microcapsules Loaded With the Natural Anticancer Compound Perillyl Alcohol. Journal of Pharmaceutical Sciences, 2019, 108, 860-869.	3.3	8
20	Engineered biomarkers for leprosy diagnosis using labeled and label-free analysis. Talanta, 2018, 187, 165-171.	5.5	7
21	<scp>COVID</scp>â€19 pathophysiology and ultrasound imaging: A multiorgan review. Journal of Clinical Ultrasound, 2022, 50, 326-338.	0.8	5
22	Ligand-mediated nanomedicines against breast cancer: a review. Nanomedicine, 2022, 17, 645-664.	3.3	3
23	Physicochemical and immunological characterization of chitosan-coated bacteriophage nanoparticles for in vivo mycotoxin modeling. Carbohydrate Polymers, 2018, 185, 63-72.	10.2	2
24	Impact of Polylactide Fluorinated End-Group Lengths and Their Dynamics on Perfluorohexane Microcapsule Morphology. Macromolecules, 2019, 52, 2589-2596.	4.8	2
25	Chitosan-coated microvesicles: Effect of polysaccharide-phospholipid affinity on decafluorobutane dissolution. Carbohydrate Polymers, 2016, 153, 169-175.	10.2	1