

Thiago B Taketa

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.

25
papers

355
citations

10
h-index

18
g-index

25
ext. papers

432
ext. citations

5.3
avg, IF

3.75
L-index

#	Paper	IF	Citations
25	Removal of glyphosate herbicide from water using biopolymer membranes. <i>Journal of Environmental Management</i> , 2015 , 151, 353-60	7.9	70
24	Nanofilms of hyaluronan/chitosan assembled layer-by-layer: An antibacterial surface for <i>Xylella fastidiosa</i> . <i>Carbohydrate Polymers</i> , 2016 , 136, 1-11	10.3	43
23	Antibacterial properties of chitosan-based coatings are affected by spacer-length and molecular weight. <i>Applied Surface Science</i> , 2018 , 445, 478-487	6.7	32
22	Coated electrospun bioactive wound dressings: Mechanical properties and ability to control lesion microenvironment. <i>Materials Science and Engineering C</i> , 2019 , 100, 493-504	8.3	28
21	Investigation of the Internal Chemical Composition of Chitosan-Based LbL Films by Depth-Profiling X-ray Photoelectron Spectroscopy (XPS) Analysis. <i>Langmuir</i> , 2018 , 34, 1429-1440	4	23
20	Tailored chitosan/hyaluronan coatings for tumor cell adhesion: Effects of topography, charge density and surface composition. <i>Applied Surface Science</i> , 2019 , 486, 508-518	6.7	18
19	Roughness dynamic in surface growth: Layer-by-layer thin films of carboxymethyl cellulose/chitosan for biomedical applications. <i>Biointerphases</i> , 2017 , 12, 04E401	1.8	16
18	Laser surface structuring affects polymer deposition, coating homogeneity, and degradation rate of Mg alloys. <i>Materials Letters</i> , 2015 , 160, 359-362	3.3	15
17	Ionic liquid functionalization of chitosan beads for improving thermal stability and copper ions uptake from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103181	6.8	13
16	Chitosan Functionalization with Amino Acids Yields to Higher Copper Ions Adsorption Capacity. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 4338-4349	4.5	11
15	Engineering the surface of prostate tumor cells and hyaluronan/chitosan multilayer films to modulate cell-substrate adhesion properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 158, 197-207	7.9	10
14	Analysis of pH and salt concentration on structural and model-drug delivery properties of polysaccharide-based multilayered films. <i>Thin Solid Films</i> , 2019 , 685, 312-320	2.2	10
13	Surface modification of polyelectrolyte multilayers by high radio frequency air plasma treatment. <i>Applied Surface Science</i> , 2015 , 329, 287-291	6.7	10
12	Interplay of the Assembly Conditions on Drug Transport Mechanisms in Polyelectrolyte Multilayer Films. <i>Langmuir</i> , 2020 , 36, 12532-12544	4	10
11	Hybrid microgels produced via droplet microfluidics for sustainable delivery of hydrophobic and hydrophilic model nanocarriers. <i>Materials Science and Engineering C</i> , 2021 , 118, 111467	8.3	9
10	Copper Ion Uptake by Chitosan in the Presence of Amyloid- β and Histidine. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 949-965	3.2	8
9	Tracking Sulfonated Polystyrene Diffusion in a Chitosan/Carboxymethyl Cellulose Layer-by-Layer Film: Exploring the Internal Architecture of Nanocoatings. <i>Langmuir</i> , 2020 , 36, 4985-4994	4	6

8	Controlling antimicrobial activity and drug loading capacity of chitosan-based layer-by-layer films. <i>International Journal of Biological Macromolecules</i> , 2021 , 172, 154-161	7.9	6
7	Layer-by-Layer Thin Films of Alginate/Chitosan and Hyaluronic Acid/Chitosan with Tunable Thickness and Surface Roughness. <i>Materials Science Forum</i> , 2014 , 783-786, 1226-1231	0.4	5
6	Probing axial metal distribution on biopolymer-based layer-by-layer films for antimicrobial use. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 199, 111505	6	5
5	Fundamentals and biomedical applications of biopolymer-based layer-by-layer films 2020 , 219-242		2
4	Fast Microwave-Assisted Synthesis of Green-Fluorescent Carbon Nanodots from Sugarcane Syrup 2019 ,		2
3	Amino acid-functionalized chitosan beads for in vitro copper ions uptake in the presence of histidine. <i>International Journal of Biological Macromolecules</i> , 2021 , 188, 421-431	7.9	2
2	Bulk and Microfluidic Synthesis of Stealth and Cationic Liposomes for Gene Delivery Applications. <i>Methods in Molecular Biology</i> , 2021 , 2197, 253-269	1.4	1
1	Antibacterial noncytotoxic chitosan coatings on polytetrafluoroethylene films by plasma grafting for medical device applications ¹		