

Thiago B Taketa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9508476/publications.pdf>

Version: 2024-02-01

25
papers

514
citations

686830

13
h-index

676716

22
g-index

25
all docs

25
docs citations

25
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of glyphosate herbicide from water using biopolymer membranes. <i>Journal of Environmental Management</i> , 2015, 151, 353-360.	3.8	104
2	Nanofilms of hyaluronan/chitosan assembled layer-by-layer: An antibacterial surface for <i>Xylella fastidiosa</i> . <i>Carbohydrate Polymers</i> , 2016, 136, 1-11.	5.1	46
3	Antibacterial properties of chitosan-based coatings are affected by spacer-length and molecular weight. <i>Applied Surface Science</i> , 2018, 445, 478-487.	3.1	44
4	Coated electrospun bioactive wound dressings: Mechanical properties and ability to control lesion microenvironment. <i>Materials Science and Engineering C</i> , 2019, 100, 493-504.	3.8	43
5	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.	1.6	35
6	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.	3.1	22
7	Laser surface structuring affects polymer deposition, coating homogeneity, and degradation rate of Mg alloys. <i>Materials Letters</i> , 2015, 160, 359-362.	1.3	21
8	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.	3.3	19
9	Roughness dynamic in surface growth: Layer-by-layer thin films of carboxymethyl cellulose/chitosan for biomedical applications. <i>Biointerphases</i> , 2017, 12, 04E401.	0.6	17
10	Interplay of the Assembly Conditions on Drug Transport Mechanisms in Polyelectrolyte Multilayer Films. <i>Langmuir</i> , 2020, 36, 12532-12544.	1.6	17
11	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.	3.6	17
12	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.	0.8	16
13	Chitosan Functionalization with Amino Acids Yields to Higher Copper Ions Adsorption Capacity. <i>Journal of Polymers and the Environment</i> , 2018, 26, 4338-4349.	2.4	15
14	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.	3.8	15
15	Copper Ion Uptake by Chitosan in the Presence of Amyloid- β^2 and Histidine. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 949-965.	1.4	14
16	Surface modification of polyelectrolyte multilayers by high radio frequency air plasma treatment. <i>Applied Surface Science</i> , 2015, 329, 287-291.	3.1	11
17	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.	3.6	11
18	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.	1.6	10

#	ARTICLE	IF	CITATIONS
19	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.	3.6	10
20	Layer-by-Layer Thin Films of Alginate/Chitosan and Hyaluronic Acid/Chitosan with Tunable Thickness and Surface Roughness. <i>Materials Science Forum</i> , 0, 783-786, 1226-1231.	0.3	8
21	Probing axial metal distribution on biopolymer-based layer-by-layer films for antimicrobial use. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111505.	2.5	7
22	Fast Microwave-Assisted Synthesis of Green-Fluorescent Carbon Nanodots from Sugarcane Syrup. , 2019, , .		4
23	Fundamentals and biomedical applications of biopolymer-based layer-by-layer films. , 2020, , 219-242.		3
24	Bulk and Microfluidic Synthesis of Stealth and Cationic Liposomes for Applications. <i>Methods in Molecular Biology</i> , 2021, 2197, 253-269.	0.4	3
25	Antibacterial noncytotoxic chitosan coatings on polytetrafluoroethylene films by plasma grafting for medical device applications. <i>Journal of Coatings Technology Research</i> , 2022, 19, 829-838.	1.2	2