

Robert Tylingo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

476
citations

758635

12
h-index

676716

22
g-index

26
all docs

26
docs citations

26
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of genipin cross-linked porous chitosan-collagen-gelatin scaffolds using chitosan-CO ₂ solution. <i>Carbohydrate Polymers</i> , 2014, 102, 901-911.	5.1	114
2	Effect of transglutaminase and 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide on the solubility of fish gelatin-chitosan films. <i>Carbohydrate Polymers</i> , 2006, 65, 404-409.	5.1	65
3	Preparation and characterization of porous scaffolds from chitosan-collagen-gelatin composite. <i>Reactive and Functional Polymers</i> , 2016, 103, 131-140.	2.0	49
4	The role of electrolysis and enzymatic hydrolysis treatment in the enhancement of the electrochemical properties of 3D-printed carbon black/poly(lactic acid) structures. <i>Applied Surface Science</i> , 2022, 574, 151587.	3.1	29
5	Virgin rapeseed oils obtained from different rape varieties by cold pressed method - their characteristics, properties, and differences. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 357-366.	1.0	24
6	The Production Possibility of the Antimicrobial Filaments by Co-Extrusion of the PLA Pellet with Chitosan Powder for FDM 3D Printing Technology. <i>Polymers</i> , 2019, 11, 1893.	2.0	23
7	Comparison of antimicrobial activity of selected, commercially available wound dressing materials. <i>Journal of Wound Care</i> , 2018, 27, 320-326.	0.5	19
8	Chitosan-protein scaffolds loaded with lysostaphin as potential antistaphylococcal wound dressing materials. <i>Journal of Applied Microbiology</i> , 2014, 117, 634-642.	1.4	17
9	Obtaining and Characterization of the PLA/Chitosan Foams with Antimicrobial Properties Achieved by the Emulsification Combined with the Dissolution of Chitosan by CO ₂ Saturation. <i>Molecules</i> , 2019, 24, 4532.	1.7	16
10	Rheology of potato starch chemically modified with microwave-assisted reactions. <i>LWT - Food Science and Technology</i> , 2013, 53, 249-254.	2.5	15
11	The effect of high pressure at subzero temperature on proteins solubility, drip loss and texture of fish (cod and salmon) and mammal's (pork and beef) meat. <i>Food Science and Technology International</i> , 2014, 20, 383-395.	1.1	14
12	The Synergistic Microbiological Effects of Industrial Produced Packaging Polyethylene Films Incorporated with Zinc Nanoparticles. <i>Polymers</i> , 2020, 12, 1198.	2.0	13
13	Structure and properties of the exopolysaccharides produced by <i>Pseudomonas mutabilis</i> T6 and <i>P. mutabilis</i> ATCC 31014. <i>Carbohydrate Research</i> , 2012, 348, 84-90.	1.1	11
14	A novel method of creating thermoplastic chitosan blends to produce cell scaffolds by FDM additive manufacturing. <i>Carbohydrate Polymers</i> , 2022, 280, 119028.	5.1	10
15	Antibacterial properties of laser-encapsulated titanium oxide nanotubes decorated with nanosilver and covered with chitosan/Eudragit polymers. , 2022, 138, 212950.		10
16	Investigation of an elutable N-propylphosphonic acid chitosan derivative composition with a chitosan matrix prepared from carbonic acid solution. <i>Carbohydrate Polymers</i> , 2018, 179, 196-206.	5.1	9
17	The Drop-in-Drop Encapsulation in Chitosan and Sodium Alginate as a Method of Prolonging the Quality of Linseed Oil. <i>Polymers</i> , 2018, 10, 1355.	2.0	9
18	Tin Oxide Encapsulated into Pyrolyzed Chitosan as a Negative Electrode for Lithium Ion Batteries. <i>Materials</i> , 2021, 14, 1156.	1.3	7

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19	The influence of the UV irradiation on degradation of virgin rapeseed oils. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 648-658.	1.0	6
20	A novel method for drop in drop edible oils encapsulation with chitosan using a coaxial technique. <i>Reactive and Functional Polymers</i> , 2016, 100, 64-72.	2.0	5
21	BIOPOLYMERS IN DESIGNING MODERN ANTIMICROBIAL MEDICAL MATERIALS. Part I. BIOPOLYMER MEDICAL MATERIALS " COLLAGEN, CHITOSAN. <i>Polimery</i> , 2011, 56, 709-715.	0.4	3
22	REVIEW OF CURRENT RESEARCH ON CHITOSAN AS A RAW MATERIAL IN THREE-DIMENSIONAL PRINTING TECHNOLOGY IN BIOMEDICAL APPLICATIONS. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2020, XXV, 37-50.	0.1	3
23	A Novel Method of Endotoxins Removal from Chitosan Hydrogel as a Potential Bioink Component Obtained by CO ₂ Saturation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5505.	1.8	3
24	Preparation of a Aqueous Chitosan Solutions by CO ₂ Saturation Process and Its Application in the Formulation of Genipin Crosslinked Hydrogel Membranes. <i>Journal of Chitin and Chitosan Science</i> , 2013, 1, 246-250.	0.3	1