

Fatemeh Ajalloueian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/29616/publications.pdf>

Version: 2024-02-01

37
papers

1,442
citations

279701

23
h-index

330025

37
g-index

44
all docs

44
docs citations

44
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally-derived electrospun wound dressings for target delivery of bio-active agents. International Journal of Pharmaceutics, 2019, 566, 307-328.	2.6	117
2	Characterization of alginates from Ghanaian brown seaweeds: Sargassum spp. and Padina spp.. Food Hydrocolloids, 2017, 71, 236-244.	5.6	112
3	Synthesis and therapeutic potential of silver nanomaterials derived from plant extracts. Ecotoxicology and Environmental Safety, 2019, 168, 260-278.	2.9	111
4	In vitro permeability enhancement of curcumin across Caco-2 cells monolayers using electrospun xanthan-chitosan nanofibers. Carbohydrate Polymers, 2019, 206, 38-47.	5.1	71
5	Bladder biomechanics and the use of scaffolds for regenerative medicine in the urinary bladder. Nature Reviews Urology, 2018, 15, 155-174.	1.9	70
6	Rheological properties of agar and carrageenan from Ghanaian red seaweeds. Food Hydrocolloids, 2017, 63, 50-58.	5.6	68
7	Emulsion Electrospinning as an Approach to Fabricate PLGA/Chitosan Nanofibers for Biomedical Applications. BioMed Research International, 2014, 2014, 1-13.	0.9	66
8	Polymeric carriers for enhanced delivery of probiotics. Advanced Drug Delivery Reviews, 2020, 161-162, 1-21.	6.6	66
9	Electrospun xanthan gum-chitosan nanofibers as delivery carrier of hydrophobic bioactives. Materials Letters, 2018, 228, 322-326.	1.3	63
10	Constructs of electrospun PLGA, compressed collagen and minced urothelium for minimally manipulated autologous bladder tissue expansion. Biomaterials, 2014, 35, 5741-5748.	5.7	50
11	Are synthetic scaffolds suitable for the development of clinical tissue-engineered tubular organs?. Journal of Biomedical Materials Research - Part A, 2014, 102, 2427-2447.	2.1	39
12	Effect of moderate electric field on structural and thermo-physical properties of sunflower protein and sodium caseinate. Innovative Food Science and Emerging Technologies, 2021, 67, 102593.	2.7	34
13	Physico-chemical and colloidal properties of protein extracted from black soldier fly (Hermetia Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.6	33
14	One-Stage Tissue Engineering of Bladder Wall Patches for an Easy-To-Use Approach at the Surgical Table. Tissue Engineering - Part C: Methods, 2013, 19, 688-696.	1.1	31
15	Immobilization of silk fibroin on the surface of PCL nanofibrous scaffolds for tissue engineering applications. Journal of Applied Polymer Science, 2018, 135, 46684.	1.3	29
16	Waterborne Electrospinning of β -Lactalbumin Generates Tunable and Biocompatible Nanofibers for Drug Delivery. ACS Applied Nano Materials, 2020, 3, 1910-1921.	2.4	29
17	A novel method for the identification of weave repeat through image processing. Journal of the Textile Institute, 2009, 100, 195-206.	1.0	28
18	Preservation of aortic root architecture and properties using a detergent-enzymatic perfusion protocol. Biomaterials, 2014, 35, 1907-1913.	5.7	27

#	ARTICLE	IF	CITATIONS
19	Compressed collagen constructs with optimized mechanical properties and cell interactions for tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 158-166.	3.6	27
20	Multi-layer PLGA-pullulan-PLGA electrospun nanofibers for probiotic delivery. <i>Food Hydrocolloids</i> , 2022, 123, 107112.	5.6	27
21	Protein extracts from de-oiled sunflower cake: Structural, physico-chemical and functional properties after removal of phenolics. <i>Food Bioscience</i> , 2020, 38, 100749.	2.0	25
22	Bladder wall biomechanics: A comprehensive study on fresh porcine urinary bladder. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 79, 92-103.	1.5	24
23	The development of the bioartificial lung. <i>British Medical Bulletin</i> , 2014, 110, 35-45.	2.7	21
24	Effect of dielectric barrier discharge atmospheric cold plasma treatment on structural, thermal and techno-functional characteristics of sodium caseinate. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 66, 102542.	2.7	19
25	The determinant role of fabrication technique in final characteristics of scaffolds for tissue engineering applications: A focus on silk fibroin-based scaffolds. <i>Materials Science and Engineering C</i> , 2021, 122, 111867.	3.8	18
26	Encapsulation of Drug-Loaded Graphene Oxide-Based Nanocarrier into Electrospun Pullulan Nanofibers for Potential Local Chemotherapy of Breast Cancer. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100096.	1.1	18
27	Thread-Like Radical Polymerization via Autonomously Propelled (TRAP) Bots. <i>Advanced Materials</i> , 2019, 31, e1901573.	11.1	15
28	Whole Organ and Tissue Reconstruction in Thoracic Regenerative Surgery. <i>Mayo Clinic Proceedings</i> , 2013, 88, 1151-1166.	1.4	14
29	Fabrication, characterization, and biocompatibility assessment of a novel elastomeric nanofibrous scaffold: A potential scaffold for soft tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2371-2383.	1.6	14
30	Gastric mucus and mucuslike hydrogels: Thin film lubricating properties at soft interfaces. <i>Biointerphases</i> , 2017, 12, 051001.	0.6	11
31	Surface modification of poly (ethylene terephthalate) fabric by soy protein isolate hydrogel for wound dressing application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 714-722.	1.8	10
32	Single particles as resonators for thermomechanical analysis. <i>Nature Communications</i> , 2020, 11, 1235.	5.8	8
33	Mechanical properties of silk plain-weft knitted scaffolds for bladder tissue engineering applications. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2367-2377.	1.6	7
34	Tunable self-assembled <sc>stereocomplexed</sc> polylactic acid nanoparticles as a drug carrier. <i>Polymers for Advanced Technologies</i> , 2022, 33, 246-253.	1.6	7
35	Modelling biological cell attachment and growth on adherent surfaces. <i>Journal of Mathematical Biology</i> , 2014, 68, 785-813.	0.8	4
36	Investigation of Human Mesenchymal Stromal Cells Cultured on PLGA or PLGA/Chitosan Electrospun Nanofibers. <i>Journal of Bioprocessing & Biotechniques</i> , 2015, 05, .	0.2	4

#	ARTICLE	IF	CITATIONS
37	Physical and Oxidative Stability of Low-Fat Fish Oil-in-Water Emulsions Stabilized with Black Soldier Fly (<i>Hermetia illucens</i>) Larvae Protein Concentrate. <i>Foods</i> , 2021, 10, 2977.	1.9	3