

Daniela Ailincai

List of Publications by Year in descending order

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papers

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citations

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docs citations

27
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Iminoboronate-chitooligosaccharides hydrogels with strong antimicrobial activity for biomedical applications. Carbohydrate Polymers, 2022, 276, 118727.	10.2	23
2	Biocompatible Chitosan-Based Hydrogels for Bioabsorbable Wound Dressings. Gels, 2022, 8, 107.	4.5	24
3	Eco-friendly PDLC composites based on chitosan and cholesteryl acetate. Journal of Molecular Liquids, 2021, 321, 114466.	4.9	16
4	Theoretical model for the diclofenac release from PEGylated chitosan hydrogels. Drug Delivery, 2021, 28, 261-271.	5.7	10
5	Hydrogelation of Chitosan with Monoaldehydes Towards Biomaterials with Tuned Properties. , 2021, , 345-356.		0
6	Double functionalization of chitosan based nanofibers towards biomaterials for wound healing. Reactive and Functional Polymers, 2021, 167, 105028.	4.1	19
7	Amphiphilic chitosan-g-poly(trimethylene carbonate) "A new approach for biomaterials design. International Journal of Biological Macromolecules, 2021, 193, 414-424.	7.5	11
8	Polyvinyl alcohol boric acid "A promising tool for the development of sustained release drug delivery systems. Materials Science and Engineering C, 2020, 107, 110316.	7.3	20
9	Hydrogels Based on Imino-Chitosan Amphiphiles as a Matrix for Drug Delivery Systems. Polymers, 2020, 12, 2687.	4.5	20
10	Poly(vinyl alcohol boric acid)-Diclofenac Sodium Salt Drug Delivery Systems: Experimental and Theoretical Studies. Journal of Immunology Research, 2020, 2020, 1-14.	2.2	12
11	Citryl-imine-PEG-ylated chitosan hydrogels "Promising materials for drug delivery applications. International Journal of Biological Macromolecules, 2020, 162, 1323-1337.	7.5	23
12	Dynamic constitutional chemistry towards efficient nonviral vectors. Materials Science and Engineering C, 2019, 94, 635-646.	7.3	7
13	Drug delivery systems based on biocompatible imino-chitosan hydrogels for local anticancer therapy. Drug Delivery, 2018, 25, 1080-1090.	5.7	49
14	Chitosan hydrogelation with a phenothiazine based aldehyde: a synthetic approach toward highly luminescent biomaterials. Polymer Chemistry, 2018, 9, 2359-2369.	3.9	33
15	Multiple bio-responsive polymer dispersed liquid crystal composites for sensing applications. Journal of Molecular Liquids, 2018, 272, 572-582.	4.9	40
16	Multilayer biopolymer/poly(μ -caprolactone)/polycation nanoparticles. Iranian Polymer Journal (English) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	4
17	Development of biocompatible glycodynameric hydrogels joining two natural motifs by dynamic constitutional chemistry. Carbohydrate Polymers, 2017, 170, 60-71.	10.2	44
18	Poly(azomethine-phenothiazine)s with efficient emission in solid state. European Polymer Journal, 2017, 95, 127-137.	5.4	33

#	ARTICLE	IF	CITATIONS
19	Dual crosslinked iminoboronate-chitosan hydrogels with strong antifungal activity against Candida planktonic yeasts and biofilms. Carbohydrate Polymers, 2016, 152, 306-316.	10.2	68
20	PDLC composites based on polyvinyl boric acid matrix – a promising pathway towards biomedical engineering. Liquid Crystals, 2016, 43, 1973-1985.	2.2	35
21	Benzoate liquid crystals with direct isotropic–smectic transition and antipathogenic activity. Comptes Rendus Chimie, 2016, 19, 556-565.	0.5	4
22	Dynameric Frameworks for DNA Transfection. ACS Biomaterials Science and Engineering, 2016, 2, 104-111.	5.2	19
23	Imino-chitosan biopolymeric films. Obtaining, self-assembling, surface and antimicrobial properties. Carbohydrate Polymers, 2015, 117, 762-770.	10.2	94
24	Chitooligosaccharide-2,5-anhydro-D-mannonic Acid. MolBank, 2014, 2014, M832.	0.5	7
25	Monodisperse PDLC composites generated by use of polyvinyl alcohol boric acid as matrix. RSC Advances, 2014, 4, 38397-38404.	3.6	17
26	Cyclodextrin-poly(μ -caprolactone) based nanoparticles able to complex phenolphthalein and adamantyl carboxylate. Beilstein Journal of Nanotechnology, 2014, 5, 651-657.	2.8	3