

# Daniela Ailincai

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

635  
citations

516710

16  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imino-chitosan biopolymeric films. Obtaining, self-assembling, surface and antimicrobial properties. <i>Carbohydrate Polymers</i> , 2015, 117, 762-770.	10.2	94
2	Dual crosslinked iminoboronate-chitosan hydrogels with strong antifungal activity against <i>Candida</i> planktonic yeasts and biofilms. <i>Carbohydrate Polymers</i> , 2016, 152, 306-316.	10.2	68
3	Drug delivery systems based on biocompatible imino-chitosan hydrogels for local anticancer therapy. <i>Drug Delivery</i> , 2018, 25, 1080-1090.	5.7	49
4	Development of biocompatible glycodynameric hydrogels joining two natural motifs by dynamic constitutional chemistry. <i>Carbohydrate Polymers</i> , 2017, 170, 60-71.	10.2	44
5	Multiple bio-responsive polymer dispersed liquid crystal composites for sensing applications. <i>Journal of Molecular Liquids</i> , 2018, 272, 572-582.	4.9	40
6	PDLC composites based on polyvinyl boric acid matrix – a promising pathway towards biomedical engineering. <i>Liquid Crystals</i> , 2016, 43, 1973-1985.	2.2	35
7	Poly(azomethine-phenothiazine)s with efficient emission in solid state. <i>European Polymer Journal</i> , 2017, 95, 127-137.	5.4	33
8	Chitosan hydrogelation with a phenothiazine based aldehyde: a synthetic approach toward highly luminescent biomaterials. <i>Polymer Chemistry</i> , 2018, 9, 2359-2369.	3.9	33
9	Biocompatible Chitosan-Based Hydrogels for Bioabsorbable Wound Dressings. <i>Gels</i> , 2022, 8, 107.	4.5	24
10	Citryl-imine-PEG-ylated chitosan hydrogels – Promising materials for drug delivery applications. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1323-1337.	7.5	23
11	Iminoboronate-chitoooligosaccharides hydrogels with strong antimicrobial activity for biomedical applications. <i>Carbohydrate Polymers</i> , 2022, 276, 118727.	10.2	23
12	Polyvinyl alcohol boric acid – A promising tool for the development of sustained release drug delivery systems. <i>Materials Science and Engineering C</i> , 2020, 107, 110316.	7.3	20
13	Hydrogels Based on Imino-Chitosan Amphiphiles as a Matrix for Drug Delivery Systems. <i>Polymers</i> , 2020, 12, 2687.	4.5	20
14	Dynameric Frameworks for DNA Transfection. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 104-111.	5.2	19
15	Double functionalization of chitosan based nanofibers towards biomaterials for wound healing. <i>Reactive and Functional Polymers</i> , 2021, 167, 105028.	4.1	19
16	Monodisperse PDLC composites generated by use of polyvinyl alcohol boric acid as matrix. <i>RSC Advances</i> , 2014, 4, 38397-38404.	3.6	17
17	Eco-friendly PDLC composites based on chitosan and cholesteryl acetate. <i>Journal of Molecular Liquids</i> , 2021, 321, 114466.	4.9	16
18	Poly(vinyl alcohol boric acid)-Diclofenac Sodium Salt Drug Delivery Systems: Experimental and Theoretical Studies. <i>Journal of Immunology Research</i> , 2020, 2020, 1-14.	2.2	12

#	ARTICLE	IF	CITATIONS
19	Amphiphilic chitosan-g-poly(trimethylene carbonate) " A new approach for biomaterials design. International Journal of Biological Macromolecules, 2021, 193, 414-424.	7.5	11
20	Theoretical model for the diclofenac release from PEGylated chitosan hydrogels. Drug Delivery, 2021, 28, 261-271.	5.7	10
21	Chitooligosaccharide-2,5-anhydro-D-mannonic Acid. MolBank, 2014, 2014, M832.	0.5	7
22	Dynamic constitutional chemistry towards efficient nonviral vectors. Materials Science and Engineering C, 2019, 94, 635-646.	7.3	7
23	Benzoate liquid crystals with direct isotropic"smectic transition and antipathogenic activity. Comptes Rendus Chimie, 2016, 19, 556-565.	0.5	4
24	Multilayer biopolymer/poly( $\mu$ -caprolactone)/polycation nanoparticles. Iranian Polymer Journal (English) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	4
25	Cyclodextrin-poly( $\mu$ -caprolactone) based nanoparticles able to complex phenolphthalein and adamantyl carboxylate. Beilstein Journal of Nanotechnology, 2014, 5, 651-657.	2.8	3
26	Hydrogelation of Chitosan with Monoaldehydes Towards Biomaterials with Tuned Properties. , 2021, , 345-356.		0