

Barbara Bellich

List of Publications by Citations

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,073
citations

13
h-index

32
g-index

34
ext. papers

1,245
ext. citations

5.6
avg, IF

4.27
L-index

#	Paper	IF	Citations
34	Chitosan nanoparticles: preparation, size evolution and stability. <i>International Journal of Pharmaceutics</i> , 2013 , 455, 219-28	6.5	369
33	"The Good, the Bad and the Ugly" of Chitosans. <i>Marine Drugs</i> , 2016 , 14,	6	184
32	Rheology and functional properties of starches isolated from five improved rice varieties from West Africa. <i>Food Hydrocolloids</i> , 2011 , 25, 1785-1792	10.6	86
31	Food microencapsulation of bioactive compounds: Rheological and thermal characterisation of non-conventional gelling system. <i>Food Chemistry</i> , 2010 , 122, 416-423	8.5	78
30	Microwave generated solid dispersions containing Ibuprofen. <i>International Journal of Pharmaceutics</i> , 2008 , 361, 125-30	6.5	66
29	Chitosan-pectin hybrid nanoparticles prepared by coating and blending techniques. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 84, 37-45	5.1	54
28	Marine polysaccharides in microencapsulation and application to aquaculture: "from sea to sea". <i>Marine Drugs</i> , 2011 , 9, 2572-604	6	39
27	Release Properties of Hydrogels: Water Evaporation from Alginate Gel Beads. <i>Food Biophysics</i> , 2011 , 6, 259-266	3.2	28
26	Particle tracking analysis in food and hydrocolloids investigations. <i>Food Hydrocolloids</i> , 2017 , 68, 90-101	10.6	24
25	Water evaporation from gel beads. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 103, 81-88	4.1	22
24	Thermal behavior of water in micro-particles based on alginate gel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 97, 871-878	4.1	16
23	Biophysical functionality in polysaccharides: from Lego-blocks to nano-particles. <i>European Biophysics Journal</i> , 2012 , 41, 379-95	1.9	15
22	Ubidecarenone nanoemulsified composite systems. <i>International Journal of Pharmaceutics</i> , 2005 , 291, 113-8	6.5	15
21	Structure of the capsular polysaccharide of the KPC-2-producing <i>Klebsiella pneumoniae</i> strain KK207-2 and assignment of the glycosyltransferases functions. <i>International Journal of Biological Macromolecules</i> , 2019 , 130, 536-544	7.9	10
20	Influence of Bacterial Biofilm Polysaccharide Structure on Interactions with Antimicrobial Peptides: A Study on. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
19	Isothermal dehydration of thin films of water and sugar solutions. <i>Journal of Chemical Physics</i> , 2014 , 140, 124701	3.9	7
18	The polysaccharide extracted from the biofilm of <i>Burkholderia multivorans</i> strain C1576 binds hydrophobic species and exhibits a compact 3D-structure. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 944-950	7.9	6

17	Isothermal dehydration of thin films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 121, 963-973	4.1	6
16	The Exopolysaccharide Cepacian Plays a Role in the Establishment of the - Symbiosis. <i>Frontiers in Microbiology</i> , 2020 , 11, 1600	5.7	5
15	Myelography Iodinated Contrast Media. 2. Conformational Versatility of Iopamidol in the Solid State. <i>Molecular Pharmaceutics</i> , 2017 , 14, 468-477	5.6	4
14	PEG hydration and conformation in aqueous solution: Hints to macromolecular crowding. <i>Polymer</i> , 2019 , 175, 57-64	3.9	4
13	H111 Produces a Water-Insoluble Exopolysaccharide in Biofilm: Structural Determination and Molecular Modelling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
12	Lyophilized alginate-based microspheres containing <i>Lactobacillus fermentum</i> D12, an exopolysaccharides producer, contribute to the strain's functionality in vitro. <i>Microbial Cell Factories</i> , 2021 , 20, 85	6.4	4
11	Determination of the capsular polysaccharide structure of the <i>Klebsiella pneumoniae</i> ST512 representative strain KPB-1 and assignments of the glycosyltransferases functions. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 315-323	7.9	3
10	Physico-chemical properties of aqueous drug solutions: From the basic thermodynamics to the advanced experimental and simulation results. <i>International Journal of Pharmaceutics</i> , 2018 , 540, 65-77	6.5	3
9	Polysaccharide solutions and gels: Isothermal dehydration study by dynamic calorimetric experiments with DSC. <i>Food Hydrocolloids</i> , 2016 , 61, 163-171	10.6	3
8	Oligosaccharides Derived from Trimesan: Their Structure and Activity on Mycotoxin Inhibition in and. <i>Biomolecules</i> , 2021 , 11,	5.9	3
7	Thermal properties of Iopamidol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 413-423	4.1	2
6	Proteomic Studies of the Biofilm Matrix including Outer Membrane Vesicles of C1576, a Strain of Clinical Importance for Cystic Fibrosis. <i>Microorganisms</i> , 2020 , 8,	4.9	2
5	The biofilm of <i>Burkholderia cenocepacia</i> H111 contains an exopolysaccharide composed of l-rhamnose and l-mannose: Structural characterization and molecular modelling. <i>Carbohydrate Research</i> , 2021 , 499, 108231	2.9	1
4	Characterisation of a new cell wall teichoic acid produced by <i>Listeria innocua</i> M39 and analysis of its biosynthesis genes.. <i>Carbohydrate Research</i> , 2021 , 511, 108499	2.9	0
3	Pellicle Biofilm Formation in J2315 is Epigenetically Regulated through WspH, a Hybrid Two-Component System Kinase-Response Regulator.. <i>Journal of Bacteriology</i> , 2022 , e0001722	3.5	0
2	Cell biothermodynamics. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 127, 525-534	4.1	
1	Conformational Disorder and Atropisomerism in Pharmaceutical Compounds 2016 , 161-182		