

# Evgeniya A Bezrodnykh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2493082/publications.pdf>

Version: 2024-02-01

19  
papers

681  
citations

758635

12  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bactericidal and antifungal activities of a low molecular weight chitosan and its N-2(3)-(dodec-2-enyl)succinoyl-derivatives. <i>Carbohydrate Polymers</i> , 2006, 64, 66-72.	5.1	295
2	Antifungal activity of oligochitosans (short chain chitosans) against some <i>Candida</i> species and clinical isolates of <i>Candida albicans</i> : Molecular weightâ€“activity relationship. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 169-178.	2.6	84
3	Molecular weight and pH aspects of the efficacy of oligochitosan against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Carbohydrate Polymers</i> , 2012, 87, 545-550.	5.1	61
4	New approach to the quaternization of chitosan and its amphiphilic derivatives. <i>European Polymer Journal</i> , 2007, 43, 2414-2421.	2.6	56
5	Short chain chitosan solutions: self-assembly and aggregates disruption effects. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	31
6	N-Reacetylated Oligochitosan: pH Dependence of Self-Assembly Properties and Antibacterial Activity. <i>Biomacromolecules</i> , 2017, 18, 1491-1498.	2.6	26
7	Amphiphilic N-[2(3)-(dodec-2-en-1-yl)succinoyl]chitosan: Synthesis and properties. <i>Reactive and Functional Polymers</i> , 2008, 68, 436-445.	2.0	17
8	Consequences of chitosan decomposition by nitrous acid: Approach to non-branched oligochitosan oxime. <i>Carbohydrate Polymers</i> , 2018, 195, 551-557.	5.1	14
9	Extraction of residual heavy metals from commercial chitosan and approach to preparation of oligochitosan hydrochloride. <i>Carbohydrate Polymers</i> , 2019, 215, 316-321.	5.1	14
10	Evaluation of a method for the determination of antibacterial activity of chitosan. <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 502-507.	0.3	13
11	Molecular features of the interaction and antimicrobial activity of chitosan in a solution containing sodium dodecyl sulfate. <i>Carbohydrate Polymers</i> , 2021, 270, 118352.	5.1	12
12	Influence of glucosamine on oligochitosan solubility and antibacterial activity. <i>Carbohydrate Research</i> , 2013, 381, 28-32.	1.1	11
13	Effect of Molecular Weight and Degree of Acetylation on Adjuvantive Properties of Chitosan Derivatives. <i>Applied Biochemistry and Microbiology</i> , 2018, 54, 512-517.	0.3	8
14	Antibacterial Activity and Cytotoxicity of Betainated Oligochitosane Derivatives. <i>Microbiology</i> , 2018, 87, 725-731.	0.5	6
15	Polyelectrolyte Complexes of Partially Betainated Chitosan Derivatives Soluble in Weakly Alkaline Media. <i>Polymer Science - Series A</i> , 2020, 62, 162-173.	0.4	3
16	Residual heavy metals in industrial chitosan: State of distribution. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 979-986.	3.6	2
17	Peculiarities of the interaction of sodium dodecyl sulfate with chitosan in acidic and alkaline media. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 192-202.	3.6	2
18	Unusual Compatibility of N-Reacetylated Oligochitosan with Sodium Dodecyl Sulfate in Aqueous Solution with a Wide Range of the Solution pH. <i>Starch/Staerke</i> , 2021, 73, 2000234.	1.1	1

#	ARTICLE	IF	CITATIONS
19	A feasible approach to tune the interaction of chitosan with sodium dodecyl sulfate. Carbohydrate Polymers, 2022, 292, 119642.	5.1	1