

Maria Soledad Orellano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	AOT reverse micelles as versatile reaction media for chitosan nanoparticles synthesis. <i>Carbohydrate Polymers</i> , 2017, 171, 85-93.	5.1	48
2	Chitosan nanoparticles enhance the antibacterial activity of the native polymer against bovine mastitis pathogens. <i>Carbohydrate Polymers</i> , 2019, 213, 1-9.	5.1	45
3	Role of micellar interface in the synthesis of chitosan nanoparticles formulated by reverse micellar method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124876.	2.3	30
4	Commensal coagulase-negative <i>Staphylococcus</i> from the udder of healthy cows inhibits biofilm formation of mastitis-related pathogens. <i>Veterinary Microbiology</i> , 2017, 207, 259-266.	0.8	27
5	Chitosan and cloxacillin combination improve antibiotic efficacy against different lifestyle of coagulase-negative <i>Staphylococcus</i> isolates from chronic bovine mastitis. <i>Scientific Reports</i> , 2018, 8, 5081.	1.6	24
6	Interaction between bovine mammary epithelial cells and planktonic or biofilm <i>Staphylococcus aureus</i> : The bacterial lifestyle determines its internalization ability and the pathogen recognition. <i>Microbial Pathogenesis</i> , 2021, 152, 104604.	1.3	14
7	A comparative study of antimicrobial activity of differently-synthesized chitosan nanoparticles against bovine mastitis pathogens. <i>Soft Matter</i> , 2021, 17, 694-703.	1.2	9
8	Recent advances and future perspectives of porous materials for biomedical applications. <i>Nanomedicine</i> , 2022, 17, 197-200.	1.7	5
9	Monitoring the microenvironment inside polymeric micelles using the fluorescence probe 6-propionyl-2-dimethylaminonaphthalene (PRODAN). <i>Journal of Molecular Liquids</i> , 2021, 343, 117552.	2.3	4