

Manuel Ahumada

List of Publications by Year in descending order

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papers

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citations

840585

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docs citations

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times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Nano and Collagen-Based Therapeutic Materials for Skin Repair. ACS Biomaterials Science and Engineering, 2020, 6, 1124-1134.	2.6	16
2	Fundamental concepts on surface chemistry of nanomaterials. , 2019, , 1-19.		3
3	Electroconductive materials as biomimetic platforms for tissue regeneration. Biotechnology Advances, 2019, 37, 444-458.	6.0	32
4	Porosity in Biomaterials: A Key Factor in the Development of Applied Materials in Biomedicine. , 2019, , 3503-3522.		4
5	Nanomaterials for Engineering the Treatment of Skin Wounds. , 2019, , 107-124.		1
6	Biomolecule Silver Nanoparticle-Based Materials for Biomedical Applications. , 2019, , 3485-3501.		0
7	Nanomaterials for Its Use in Biomedicine: An Overview. , 2019, , 1-11.		0
8	Protein capped nanosilver free radical oxidation: role of biomolecule capping on nanoparticle colloidal stability and protein oxidation. Chemical Communications, 2018, 54, 4724-4727.	2.2	9
9	Porosity in Biomaterials: A Key Factor in the Development of Applied Materials in Biomedicine. , 2018, , 1-20.		1
10	NANoPoLC algorithm for correcting nanoparticle concentration by sample polydispersity. Nanoscale, 2018, 10, 3166-3170.	2.8	10
11	Design of dipalmitoyl lecithin liposomes loaded with quercetin and rutin and their release kinetics from carboxymethyl cellulose edible films. Journal of Food Engineering, 2018, 224, 165-173.	2.7	57
12	Nanoengineered Electroconductive Collagen-Based Cardiac Patch for Infarcted Myocardium Repair. ACS Applied Materials & Interfaces, 2018, 10, 44668-44677.	4.0	77
13	Effect of nanosilver surfaces on peptide reactivity towards reactive oxygen species. Nanoscale, 2018, 10, 15911-15917.	2.8	5
14	Biomolecule Silver Nanoparticle-Based Materials for Biomedical Applications. , 2018, , 1-17.		0
15	The pore forming capacity of Sticholysin I in dipalmitoyl phosphatidyl vesicles is tuned by osmotic stress. Chemistry and Physics of Lipids, 2017, 203, 87-93.	1.5	3
16	Collagen-Based Photoactive Agent for Tissue Bonding. ACS Applied Materials & Interfaces, 2017, 9, 9265-9270.	4.0	22
17	Association models for binding of molecules to nanostructures. Analyst, The, 2017, 142, 2067-2089.	1.7	39
18	Electroconductive nanoengineered biomimetic hybrid fibers for cardiac tissue engineering. Journal of Materials Chemistry B, 2017, 5, 2402-2406.	2.9	34

#	ARTICLE	IF	CITATIONS
19	Novel specific peptides as superior surface stabilizers for silver nano structures: role of peptide chain length. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8925-8928.	2.9	14
20	Multi-functional thermo-crosslinkable collagen-metal nanoparticle composites for tissue regeneration: nanosilver vs. nanogold. <i>RSC Advances</i> , 2017, 7, 47704-47708.	1.7	45
21	Anomalous Hammett's plot in the quenching of Ru(bpy) ₃ ²⁺ phosphorescence by p-substituted phenols. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 325, 9-12.	2.0	3
22	Sprayable peptide-modified silver nanoparticles as a barrier against bacterial colonization. <i>Nanoscale</i> , 2016, 8, 19200-19203.	2.8	30
23	Spherical silver nanoparticles in the detection of thermally denatured collagens. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1993-1996.	1.9	11
24	TEMPERATURE DEPENDENCE OF BILAYER PROPERTIES IN LIPOSOMES AND THE USE OF FLUORESCENT PROBES AS A TOOL TO ELUCIDATE THE PERMEATION MECHANISM OF HYDROPHILIC SOLUTES. <i>Journal of the Chilean Chemical Society</i> , 2016, 61, 3052-3054.	0.5	4
25	Response of unilamellar DPPC and DPPC:SM vesicles to hypo and hyper osmotic shocks: A comparison. <i>Chemistry and Physics of Lipids</i> , 2015, 188, 54-60.	1.5	7
26	Rate of solute incorporation to liposomes evaluated from encapsulated enzymes activities. <i>Biophysical Reviews</i> , 2014, 6, 161-167.	1.5	3
27	Diffusion of hydrogen peroxide across DPPC large unilamellar liposomes. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 656-661.	1.5	21
28	Effect of Human Serum Albumin on the Kinetics of N-glutaryl-L-phenylalanine p-nitroanilide Hydrolysis Catalyzed by \pm -Chymotrypsin. <i>Protein Journal</i> , 2011, 30, 143-147.	0.7	5