

Antonio Di Martino

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

483
citations

567144

15
h-index

677027

22
g-index

28
all docs

28
docs citations

28
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphilic chitosan-grafted-functionalized polylactic acid based nanoparticles as a delivery system for doxorubicin and temozolomide co-therapy. <i>International Journal of Pharmaceutics</i> , 2014, 474, 134-145.	2.6	64
2	Chitosan-DNA complexes: Effect of molecular parameters on the efficiency of delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 460, 184-190.	2.3	32
3	Chitosan-based nanocomplexes for simultaneous loading, burst reduction and controlled release of doxorubicin and 5-fluorouracil. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 613-624.	3.6	32
4	Organic-inorganic hybrid nanoparticles controlled delivery system for anticancer drugs. <i>International Journal of Pharmaceutics</i> , 2017, 526, 380-390.	2.6	32
5	Enhancement of temozolomide stability by loading in chitosan-carboxylated polylactide-based nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017, 19, 71.	0.8	29
6	Ecofriendly renewable hydrogels based on whey protein and for slow release of fertilizers and soil conditioning. <i>Journal of Cleaner Production</i> , 2021, 285, 124848.	4.6	28
7	Polythiophene-based conjugated polyelectrolyte: Optical properties and association behavior in solution. <i>Synthetic Metals</i> , 2015, 202, 16-24.	2.1	25
8	Chitosan grafted low molecular weight polylactic acid for protein encapsulation and burst effect reduction. <i>International Journal of Pharmaceutics</i> , 2015, 496, 912-921.	2.6	25
9	Polysaccharide-based nanocomplexes for co-encapsulation and controlled release of 5-Fluorouracil and Temozolomide. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 92, 276-286.	1.9	22
10	Anticoagulant Polyethylene Terephthalate Surface by Plasma-Mediated Fucoidan Immobilization. <i>Polymers</i> , 2019, 11, 750.	2.0	22
11	Improved stability and efficacy of chitosan/pDNA complexes for gene delivery. <i>Biotechnology Letters</i> , 2015, 37, 557-565.	1.1	21
12	Folic acid-chitosan-alginate nanocomplexes for multiple delivery of chemotherapeutic agents. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 67-76.	1.4	20
13	Polysaccharides based microspheres for multiple encapsulations and simultaneous release of proteases. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 24-31.	3.6	18
14	Effects of crude polysaccharides from marine macroalgae on the adhesion and biofilm formation of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Algal Research</i> , 2022, 63, 102646.	2.4	17
15	Chitosan-collagen based film for controlled delivery of a combination of short life anesthetics. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 1183-1193.	3.6	16
16	Enhancement of 5-aminolevulinic acid phototoxicity by encapsulation in polysaccharides based nanocomplexes for photodynamic therapy application. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 175, 226-234.	1.7	11
17	Cell response to PLA scaffolds functionalized with various seaweed polysaccharides. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 79-86.	1.8	11
18	Enhancement of the antioxidant activity and stability of β -carotene using amphiphilic chitosan/nucleic acid polyplexes. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 773-780.	3.6	10

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19	Surface modification of carbon dots with tetraalkylammonium moieties for fine tuning their antibacterial activity. <i>Materials Science and Engineering C</i> , 2022, 134, 112697.	3.8	10
20	Multidrug delivery system based on polysaccharide nanocomplexes for controlled delivery of a combination of chemotherapeutics. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 90-98.	1.4	7
21	Renewable Mixed Hydrogels Based on Polysaccharide and Protein for Release of Agrochemicals and Soil Conditioning. <i>Sustainability</i> , 2021, 13, 10439.	1.6	7
22	Screening on the Presence of Plant Growth Regulators in High Biomass Forming Seaweeds from the Ionian Sea (Mediterranean Sea). <i>Sustainability</i> , 2022, 14, 3914.	1.6	6
23	Branched poly (lactic acid) microparticles for enhancing the 5-aminolevulinic acid phototoxicity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 80-88.	1.7	5
24	Conventional vs. Innovative Protocols for the Extraction of Polysaccharides from Macroalgae. <i>Sustainability</i> , 2022, 14, 5750.	1.6	5
25	Effect of a Hybrid Zinc Stearate-Silver System on the Properties of Polylactide and Its Abiotic and the Biotic Degradation and Antimicrobial Activity Thereof. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq1 1 0.7824614 rgB3 /Overlock	1.7	5
26	Plasma Mediated Chlorhexidine Immobilization onto Polylactic Acid Surface via Carbodiimide Chemistry: Antibacterial and Cytocompatibility Assessment. <i>Polymers</i> , 2021, 13, 1201.	2.0	3
27	Multiresponsive Hybrid Microparticles for Stimuli-Responsive Delivery of Bioactive Compounds. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4324.	1.3	2