

Maria Antonietta Casadei

List of Publications by Year in descending order

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43
papers

1,253
citations

331670

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1879
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#	ARTICLE	IF	CITATIONS
1	Valorization of Kiwi Peels: Fractionation, Bioactives Analyses and Hypotheses on Complete Peels Recycle. <i>Foods</i> , 2022, 11, 589.	4.3	7
2	Solvent Casting and UV Photocuring for Easy and Safe Fabrication of Nanocomposite Film Dressings. <i>Molecules</i> , 2022, 27, 2959.	3.8	1
3	Dextran-polyethylene glycol cryogels as spongy scaffolds for drug delivery. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1292-1300.	7.5	38
4	Injectable and In Situ Gelling Dextran Derivatives Containing Hydrolyzable Groups for the Delivery of Large Molecules. <i>Gels</i> , 2021, 7, 150.	4.5	2
5	The Impact of Bilayer Rigidity on the Release from Magnetoliposomes Vesicles Controlled by PEMFs. <i>Pharmaceutics</i> , 2021, 13, 1712.	4.5	8
6	Reflectance colorimetry: a mirror for food quality—a mini review. <i>European Food Research and Technology</i> , 2020, 246, 259-272.	3.3	22
7	Investigating the Role of Polydopamine to Modulate Stem Cell Adhesion and Proliferation on Gellan Gum-Based Hydrogels. <i>ACS Applied Bio Materials</i> , 2020, 3, 945-951.	4.6	24
8	Enhanced Loading Efficiency and Mucoadhesion Properties of Gellan Gum Thin Films by Complexation with Hydroxypropyl- β -Cyclodextrin. <i>Pharmaceutics</i> , 2020, 12, 819.	4.5	10
9	Chemical Investigation and Screening of Anti-Proliferative Activity on Human Cell Lines of Pure and Nano-Formulated Lavandin Essential Oil. <i>Pharmaceutics</i> , 2020, 13, 352.	3.8	15
10	SPC Liposomes as Possible Delivery Systems for Improving Bioavailability of the Natural Sesquiterpene β -Caryophyllene: Lamellarity and Drug-Loading as Key Features for a Rational Drug Delivery Design. <i>Pharmaceutics</i> , 2018, 10, 274.	4.5	32
11	Design of a tunable nanocomposite double network hydrogel based on gellan gum for drug delivery applications. <i>European Polymer Journal</i> , 2018, 104, 184-193.	5.4	47
12	Effect of glycerol on the physical and mechanical properties of thin gellan gum films for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2018, 547, 226-234.	5.2	49
13	Can Pulsed Electromagnetic Fields Trigger On-Demand Drug Release from High-Tm Magnetoliposomes?. <i>Nanomaterials</i> , 2018, 8, 196.	4.1	21
14	Evaluation of processing effects on anthocyanin content and colour modifications of blueberry (<i>Vaccinium corymbosum</i>) L. <i>Food Chemistry</i> , 2018, 250, 114-123.	8.2	73
15	DESIGN AND CHARACTERIZATION OF A BIOCOMPATIBLE PHYSICAL HYDROGEL BASED ON SCLEROGLUCAN FOR TOPICAL DRUG DELIVERY. <i>Carbohydrate Polymers</i> , 2017, 174, 960-969.	10.2	23
16	Protection and viability of fruit seeds oils by nanostructured lipid carrier (NLC) nanosuspensions. <i>Journal of Colloid and Interface Science</i> , 2016, 479, 25-33.	9.4	25
17	Infant Milk Formulas: Effect of Storage Conditions on the Stability of Powdered Products towards Autoxidation. <i>Foods</i> , 2015, 4, 487-500.	4.3	41
18	New biodegradable dextran-based hydrogels for protein delivery: Synthesis and characterization. <i>Carbohydrate Polymers</i> , 2015, 126, 208-214.	10.2	35

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19	Injectable and photocross-linkable gels based on gellan gum methacrylate: A new tool for biomedical application. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1335-1342.	7.5	53
20	Application of NMR spectroscopy in the development of a biomimetic approach for hydrophobic drug association with physical hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 391-399.	5.0	7
21	Design and development of PEG-DMA gel-in-liposomes as a new tool for drug delivery. <i>Reactive and Functional Polymers</i> , 2014, 77, 30-38.	4.1	27
22	Dextran-based hydrogel microspheres obtained in w/o emulsion: preparation, characterisation and <i>in vivo</i> studies. <i>Journal of Microencapsulation</i> , 2014, 31, 440-447.	2.8	4
23	Gellan gum and polyethylene glycol dimethacrylate double network hydrogels with improved mechanical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	25
24	Solid Lipid Nanoparticles as Effective Reservoir Systems for Long-Term Preservation of Multidose Formulations. <i>AAPS PharmSciTech</i> , 2013, 14, 847-853.	3.3	13
25	Novel injectable and in situ cross-linkable hydrogels of dextran methacrylate and scleroglucan derivatives: Preparation and characterization. <i>Carbohydrate Polymers</i> , 2013, 92, 1033-1039.	10.2	29
26	NMR Characterization of Carboxymethyl Scleroglucan. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 587-595.	1.9	5
27	Spermidine-Cross-linked Hydrogels as Novel Potential Platforms for Pharmaceutical Applications. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2632-2643.	3.3	30
28	Influence of fat extraction methods on the peroxide value in infant formulas. <i>Food Research International</i> , 2012, 48, 584-591.	6.2	18
29	Suzuki-Miyaura cross-coupling of arenediazonium salts catalyzed by alginate/gellan-stabilized palladium nanoparticles under aerobic conditions in water. <i>Green Chemistry</i> , 2012, 14, 317-320.	9.0	52
30	Novel pH-Sensitive Physical Hydrogels of Carboxymethyl Scleroglucan. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 256-267.	3.3	14
31	Physical Carboxymethylscleroglucan/Calcium Ion Hydrogels as Modified Drug Delivery Systems in Topical Formulations. <i>Molecules</i> , 2009, 14, 2684-2698.	3.8	18
32	Carboxymethyl derivative of scleroglucan: a novel thermosensitive hydrogel forming polysaccharide for drug delivery applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 1081-1087.	3.6	16
33	Influence of the formulation components on the properties of the system SLN-dextran hydrogel for the modified release of drugs. <i>Journal of Microencapsulation</i> , 2009, 26, 355-364.	2.8	18
34	pH-Sensitive hydrogels of dextran: Synthesis, characterization and <i>in vivo</i> studies. <i>Journal of Drug Targeting</i> , 2008, 16, 649-659.	4.4	15
35	Biodegradable and pH-Sensitive Hydrogels for Potential Colon-Specific Drug Delivery: Characterization and In Vitro Release Studies. <i>Biomacromolecules</i> , 2008, 9, 43-49.	5.4	84
36	In Situ Cross-Linkable Novel Alginate-Dextran Methacrylate IPN Hydrogels for Biomedical Applications: Mechanical Characterization and Drug Delivery Properties. <i>Biomacromolecules</i> , 2008, 9, 2014-2020.	5.4	67

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37	Hydrogels of Dextran Containing Nonsteroidal Anti-Inflammatory Drugs as Pendant Agents. <i>Drug Delivery</i> , 2007, 14, 87-93.	5.7	16
38	Physical gels of a carboxymethyl derivative of scleroglucan: Synthesis and characterization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 682-689.	4.3	11
39	Photocrosslinking of dextran and polyaspartamide derivatives: A combination suitable for colon-specific drug delivery. <i>Journal of Controlled Release</i> , 2007, 119, 328-338.	9.9	56
40	Solid lipid nanoparticles incorporated in dextran hydrogels: A new drug delivery system for oral formulations. <i>International Journal of Pharmaceutics</i> , 2006, 325, 140-146.	5.2	83
41	Cyanomethyl Anion/Carbon Dioxide System: An Electrogenerated Carboxylating Reagent. Synthesis of Carbamates under Mild and Safe Conditions. <i>Journal of Organic Chemistry</i> , 2003, 68, 1548-1551.	3.2	76
42	Facile stereoselective conversion of 1,2-diols into alkane-1,2-diyl carbonates. <i>New Journal of Chemistry</i> , 1999, 23, 433-436.	2.8	21
43	Electrochemical studies on haloamides. Part XII. Electrosynthesis of oxazolidine-2,4-diones. <i>Tetrahedron</i> , 1995, 51, 5891-5900.	1.9	22