

Methylcellulose, a Cellulose Derivative with Original Pharmaceutical Applications

Polymers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Block ^{co} structured 1,4 ^α -D-Glucans by Transglycosidation of Cellulose Ethers. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 889-900.	1.1	5
2	3D patterned stem cell differentiation using thermo-responsive methylcellulose hydrogel molds. <i>Scientific Reports</i> , 2016, 6, 29408.	1.6	7
3	Transparent Porous Polysaccharide Cryogels Provide Biochemically Defined, Biomimetic Matrices for Tunable 3D Cell Culture. <i>Chemistry of Materials</i> , 2016, 28, 3762-3770.	3.2	47
4	High Conductivity, High Strength Solid Electrolytes Formed by in Situ Encapsulation of Ionic Liquids in Nanofibrillar Methyl Cellulose Networks. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13426-13436.	4.0	67
5	Evaluation of efficiency and trapping capacity of restricted access media trap columns for the online trapping of small molecules. <i>Journal of Separation Science</i> , 2016, 39, 4183-4191.	1.3	9
6	Self-healing of thermally-induced, biocompatible and biodegradable protein hydrogel. <i>RSC Advances</i> , 2016, 6, 56183-56192.	1.7	43
7	Ion dynamics in methylcellulose ⁺ LiBOB solid polymer electrolytes. <i>Ionics</i> , 2016, 22, 2113-2121.	1.2	14
8	Amphiphilic Cellulose Ethers Designed for Amorphous Solid Dispersion via Olefin Cross-Metathesis. <i>Biomacromolecules</i> , 2016, 17, 454-465.	2.6	30
9	Gliding Direction of <i>Mycoplasma mobile</i> . <i>Journal of Bacteriology</i> , 2016, 198, 283-290.	1.0	20
10	Effect of antimicrobial coatings on microbiological, sensorial and physico-chemical properties of pre-cut cauliflowers. <i>Postharvest Biology and Technology</i> , 2016, 116, 1-7.	2.9	14
11	Generation of Homogenous Three-Dimensional Pancreatic Cancer Cell Spheroids Using an Improved Hanging Drop Technique. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 312-321.	1.1	116
12	Fabrication and characterization of cell sheets using methylcellulose and PNIPAAm thermoresponsive polymers: A comparison Study. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1346-1354.	2.1	18
13	A review of the designs and prominent biomedical advances of natural and synthetic hydrogel formulations. <i>European Polymer Journal</i> , 2017, 88, 373-392.	2.6	327
14	Self-assembled cellulose particles for agrochemical applications. <i>European Polymer Journal</i> , 2017, 93, 706-716.	2.6	18
15	Enhanced imaging of lipid rich nanoparticles embedded in methylcellulose films for transmission electron microscopy using mixtures of heavy metals. <i>Micron</i> , 2017, 99, 40-48.	1.1	28
16	Supramolecular structure of methyl cellulose and lambda- and kappa-carrageenan in water: SAXS study using the string-of-beads model. <i>Carbohydrate Polymers</i> , 2017, 172, 184-196.	5.1	7
17	Functional properties of cellulose derivatives to tailor a model sponge cake using rheology and cellular structure analysis. <i>Food Hydrocolloids</i> , 2017, 70, 304-312.	5.6	15
18	Methylcellulose stabilized multi-walled carbon nanotubes dispersion for sustainable cement composites. <i>Construction and Building Materials</i> , 2017, 146, 76-85.	3.2	47

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19	Chemically Functionalized Natural Cellulose Materials for Effective Triboelectric Nanogenerator Development. <i>Advanced Functional Materials</i> , 2017, 27, 1700794.	7.8	223
20	Static and Dynamic Large Strain Properties of Methyl Cellulose Hydrogels. <i>Macromolecules</i> , 2017, 50, 4817-4826.	2.2	14
21	Synthesis and characterization of alkyl cellulose i‰-carboxyesters for amorphous solid dispersion. <i>Cellulose</i> , 2017, 24, 609-625.	2.4	9
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37	Physicochemical behaviour of semi-rigid biopolymers in aqueous medium. <i>Food Hydrocolloids</i> , 2017, 68, 122-127.	5.6	6

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39	Antimicrobial Films Based on Chitosan and Methylcellulose Containing Natamycin for Active Packaging Applications. <i>Coatings</i> , 2017, 7, 177.	1.2	23
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