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Biomedical application of a superabsorbent hydrogel for body water elimination in the treatment of edemas

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#	Paper	IF	Citations
88	Ultrasonic monitoring of the network formation in superabsorbent cellulose based hydrogels. <i>Polymer</i> , <b>2005</b> , 46, 1796-1803	3.9	57
87	Response of intestinal cells and macrophages to an orally administered cellulose-PEG based polymer as a potential treatment for intractable edemas. <i>Biomaterials</i> , <b>2005</b> , 26, 4101-10	15.6	39
86	Synthesis of a novel superabsorbent hydrogel by copolymerization of acrylamide and cashew gum modified with glycidyl methacrylate. <i>Carbohydrate Polymers</i> , <b>2005</b> , 61, 464-471	10.3	122
85	A cellulose-based hydrogel as a potential bulking agent for hypocaloric diets: An in vitro biocompatibility study on rat intestine. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 1524-1530	2.9	48
84	Synthesis and properties of carboxymethyl cellulose-graft-poly(acrylic acid-co-acrylamide) as a novel cellulose-based superabsorbent. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 103, 1382-1388	2.9	87
83	Spin coating cellulose derivatives on quartz crystal microbalance plates to obtain hydrogel-based fast sensors and actuators. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 3040-3050	2.9	25
82	Synthesis and characterization of biocompatible, degradable, light-curable, polyurethane-based elastic hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2007</b> , 82, 637-50	5.4	40
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80	Preparation and swelling behavior of amphoteric superabsorbent composite with semi-IPN composed of poly(acrylic acid)/Ca-bentonite/poly(dimethyldiallylammonium chloride). <i>Polymers for Advanced Technologies</i> , <b>2007</b> , 18, 194-199	3.2	21
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73	Development and characterization of cellulose-based hydrogels for use as dietary bulking agents. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 1438-1444	2.9	31
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