

Studies of microstructure in native celluloses using solid

Macromolecules

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Native Cellulose: A Composite of Two Distinct Crystalline Forms. <i>Science</i> , 1984, 223, 283-285.	6.0	1,038
2	A highly crystalline cellulose from <i>Rhizoclonium hieroglyphicum</i> . <i>Biopolymers</i> , 1985, 24, 421-423.	1.2	16
3	Nuclear Magnetic Resonance Study of Autohydrolyzed and Organosolv-Treated Lodgepole Pinewood Using Carbon-13 with Cross Polarization and Magic-Angle Spinning. <i>Holzforschung</i> , 1985, 39, 99-107.	0.9	21
4	Factors influencing the regeneration of cellulose I from phosphoric acid. <i>International Journal of Biological Macromolecules</i> , 1985, 7, 182-186.	3.6	22
5	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1986, 187, 899-911.	1.1	9
6	¹³ C nuclear magnetic resonance studies of cellulose acetate in the solution and solid states. <i>Polymer</i> , 1986, 27, 19-24.	1.8	43
7	NMR spectroscopy of cellulose and its derivatives with magic spinning of the sample (review). <i>Journal of Applied Spectroscopy</i> , 1986, 45, 1003-1020.	0.3	0
8	Miscibility studies in polymer-diluent blends and segmented block copolymers via high-resolution carbon-13 solid-state nuclear magnetic resonance spectroscopy. <i>Polymer</i> , 1986, 27, 80-90.	1.8	21
9	Nondegradative Preparation of Amorphous Cellulose. <i>Journal of Wood Chemistry and Technology</i> , 1986, 6, 1-14.	0.9	63
10	Raman Spectroscopy and the Raman Microprobe: Valuable new tools for Characterizing Wood and Wood Pulp Fibers. <i>Journal of Wood Chemistry and Technology</i> , 1987, 7, 115-131.	0.9	24
11	Raman Spectra of Celluloses. <i>ACS Symposium Series</i> , 1987, , 151-168.	0.5	38
12	Cross Polarization/Magic Angle Spinning ¹³ C-NMR Characterization of Steam Exploded Poplar Hood. <i>Journal of Wood Chemistry and Technology</i> , 1987, 7, 215-228.	0.9	17
13	Investigations of lignocellulosic materials by the carbon-13 N.M.R. C.P.-M.A.S. method. <i>Carbohydrate Research</i> , 1987, 164, 85-95.	1.1	31
14	Solid-state ¹³ C-N.M.R. and electron microscopy study on the reversible cellulose I → cellulose III transformation in <i>Valonia</i> . <i>Carbohydrate Research</i> , 1987, 160, 1-11.	1.1	86
15	Crystallinity of cellulose, as determined by CP/MAS NMR and XRD methods. <i>Polymer Bulletin</i> , 1987, 17, 231.	1.7	97
16	Structural study of amylose polymorphs by cross-polarization-magic-angle spinning, ¹³ C-N.M.R. spectroscopy. <i>Carbohydrate Research</i> , 1987, 160, 29-40.	1.1	90
17	Band assignments in the raman spectra of celluloses. <i>Carbohydrate Research</i> , 1987, 160, 113-129.	1.1	419
18	Triple-stranded, left-hand-twisted cellulose microfibril. <i>Carbohydrate Research</i> , 1987, 160, 434-443.	1.1	18

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21	Influence of Hydration on Epidermal Tissue. <i>Journal of Pharmaceutical Sciences</i> , 1988, 77, 1037-1041.	1.6	12
22	Crystal and molecular structure of potassium β -D-glucopyranose 6-sulphate. <i>Carbohydrate Research</i> , 1988, 180, 183-193.	1.1	25
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25	General Polysaccharide Methods. <i>Studies in Organic Chemistry</i> , 1988, 36, 50-82.	0.2	0
26	High-resolution Solid-state NMR. <i>Journal of Fiber Science and Technology</i> , 1988, 44, P219-P223.	0.0	0
27	Multivariate Data Analysis of <i>In Situ</i> Pulp Kinetics Using ^{13}C CP/MAS NMR. <i>Journal of Wood Chemistry and Technology</i> , 1989, 9, 235-249.	0.9	15
28	Carbon-13 NMR of glycogen: hydration response studied by using solids methods. <i>Biochemistry</i> , 1989, 28, 5024-5028.	1.2	30
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30	The Structures of Cellulose. <i>Materials Research Society Symposia Proceedings</i> , 1990, 197, 89.	0.1	14
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54	Studies of crystalline native celluloses using potential energy calculations. Cellulose, 1994, 1, 161-168.	2.4	24

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56	Determination of cellulose I β and I α in lignocellulosic materials. <i>Carbohydrate Research</i> , 1994, 261, 119-131.	1.1	86
57	Determination of crystallinity in native cellulose from higher plants with diffuse reflectance Fourier transform infrared spectroscopy. <i>Carbohydrate Research</i> , 1994, 261, 163-172.	1.1	82
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