



# Bibliography of carbohydrate polymers

## 1 BOOKS, REVIEWS & SYMPOSIA

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## 2 CELLULOSE

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- Khamrakulov G, Musaev KN, Budtov VP, Kuleznev VN// MV Lomonosov Fine Chem Technol Inst, Pr Vernadskogo 86, Moscow 117571, Russia

As a service to subscribers, each issue of the Journal contains a bibliography of newly published material in the field of carbohydrate polymers. The bibliography is divided into ten sections: 1 Books, Reviews & Symposia; 2 Cellulose; 3 Cellulose-degrading Enzymes; 4 Cyclodextrins; 5 Lignin; 6 Polysaccharides - Named; 7 Polysaccharides - Other; 8 Lipopolysaccharides; 9 Starch; 10 Starch-degrading Enzymes. Within each section, articles are listed in alphabetical order with respect to author. When there are no publications to appear under one of these headings, that section will be omitted.

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- Marx-Figini M, Maximino M// Natl Univ La Plata, Inst Theoret & Appl Phys Chem, Casilla Correo 16, Succ 4, RA-1900 La Plata, Argentina  
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Nishijo J, Nagai M, Yasuda M// Kobe Womens Coll Pharm, Motoyama Kitamachi, Higashinada ku, Kobe 658, Japan  
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 Interaction of 8-anilino-1-naphthalenesulfonate with 2,6-di-O-methylcyclomaltoheptaose

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*Colloid Polym Sci* 1993 **271** (5) 499  
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Tawarah KM, Wazwaz AA// Yarmouk Univ, Dept Chem, Irbid, Jordan  
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## 5 LIGNIN

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Barry AO, Peng W, Riedl B// Univ Laval, Ctr Rech & Ingn Macromolec, Dept Sci Bois, Quebec City, Quebec, Canada G1K 7P4  
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Gilardi G, Cass AEG// \*Univ London Imperial Coll Sci Technol & Med, Ctr Biotechnol, London SW7 2A, England  
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Glasser WG, Jain RK// Virginia Polytech Inst & State Univ, Dept Wood Sci & Forest Prod, 210 Cheatham Hall, Blackburg, Va 24061, USA  
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Kleen M, Lindblad G, Backa S// STFI, Swedish Pulp & Paper Res Inst, Box 5604, S-11486 Stockholm, Sweden  
*J Anal Appl Pyrol* 1993 **25** 209  
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Labidi A, Robert D, Pla F// Ecole Francaise Papeteri & Ind Graph, Genie Procedes Papetiers Lab, CNRS, URA 1100, Domaine Univ, F-38402 St Martin D'heres, France  
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Meier D, Berns J, Grunwald C, Faix O// Fed Res Ctr Forestry & Forest Prod, Inst Wood Chem & Chem Technol Wood, Leuschnerstr 91, W-2050 Hamburg 80, FRG  
*J Anal Appl Pyrol* 1993 **25** 335  
 Analytical pyrolysis and semicontinuous catalytic hydropyrolysis of organocell lignin

Newman RH, Hemmingson JA, Suckling ID// Ind Res Ltd, POB 31-310, Lower Hutt, New Zealand  
*Holzforchung* 1993 **47** (3) 234  
<sup>13</sup>C nuclear magnetic resonance studies of Kraft pulping

Reeves JB, Galletti GC// USDA ARS, Beltsville Agr Res Ctr, Bldg 200, Rm 126, BARC E, Beltsville, Md 20705, USA  
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Simitzis J, Sfyrakis J// Natl Tech Univ Athens, Dept Chem Engr, Special Chem Technol Lab, 9 Heroon Polytech St, GR-15773 Athens, Greece  
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Terron MC, Martin C, Manzanarez P, Galletti GC, Gonzalez AE// \*CSIC, Ctr Invest Biol, Velaquez 144, E-28006 Madrid, Spain  
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Thring RW, Chorney E, Overend RP// Univ New Brunswick, Dept Chem

Engn, Fredericton, New Brunswick, Canada E3B 5A3

*Can J Chem* 1993 71 (6) 779

Fractionation of woodmeal by prehydrolysis and thermal organosolv - Alkaline depolymerization, chemical functionality, and molecular weight distribution of recovered lignins and their fractions

Van der Hage ERE, Mulder MM, Boon JJ// FOM, Inst Atom & Molec Phys, Mass Spectrometry Macromolec Syst Unit, Kruislaan 407, 1098 SJ Amsterdam, The Netherlands

*J Anal Appl Pyrol* 1993 25 149

Structural characterization of lignin polymers by temperature-resolved in-source pyrolysis mass spectrometry and Curie-point pyrolysis gas chromatography/mass spectrometry

Vares T, Lundell TK, Hatakka AI// \*Univ Helsinki, Dept Appl Chem & Microbiol, Div Microbiol, POB 27, SF-00014 Helsinki, Finland

*Enzyme Microb Technol* 1993 15 (8) 664

Production of multiple lignin peroxidases by the white-rot fungus *Phlebia ochraceofulva*

## 6 POLYSACCHARIDES - NAMED

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*Int J Biol Macromol* 1993 15 (4) 241

Studies on chitosan. 6. Relationship between *N*-acetyl group distribution pattern and chitinase digestibility of partially *N*-acetylated chitosans

Appelqvist IAM, Cooke D, Gidley MJ\*, Lane SJ// \*Unilever Res Labs, Colworth House, Sharnbrook MK44 1LQ, Beds, England

*Carbohydr Polym* 1993 20 (4) 291

Thermal properties of polysaccharides at low moisture. 1. An endothermic melting process and water-carbohydrate interactions

Artola A, Alio JL\*, Bellot JL, Ruiz JM// \*Univ Alicante, Div Ophthalmol, Campus San Vicente Raspeig, E-03690 Alicante, Spain

*Ophthalmic Res* 1993 25 (3) 172

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Axelos MAV, Branger M// INRA, Phys Chim Macromolec Lab, BP 527, F-44026 Nantes 03, France

*Food Hydrocolloid* 1993 7 (2) 91

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*Cell Mol Biol* 1993 39 (2) 199

NMR investigation of the dynamic behaviour of guar galactomannan water solutions

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