

Bibliography of carbohydrate polymers

(8 weeks journals. Search completed at 7th. Apr. 2004)

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As a service to subscribers of the journal, this bibliography contains newly published material in the field of carbohydrate polymers. The bibliography is divided into thirteen sections: 1 Books, reviews & symposia; 2 Cellulose; 3 Cellulose-degrading enzymes; 4 Chitin/Chitosan; 5 Cyclodextrins; 6 Lignin; 7 Lipopolysaccharides; 8 Pectin; 9 Starch; 10 Starch-degrading enzymes; 11 Polysaccharides - Microbial; 12 Polysaccharides - Plant; 13 Polysaccharides - Other. 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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Taneri F, Guneri T, Aigner Z, Eros I, Kata M// *Univ Szeged, Dept Pharmaceut Technol, Eotvos u 6, HU-6720 Szeged, Hungary

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Funaoka M// Mie Univ, Sch Bioresources, 1515 Kamihama, Tsu, Mie 514 8507, Japan

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Kadla JF, Kubo S// Nth Carolina State Univ, Coll Nat Resources, Raleigh, NC 27695, USA

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Nagamatsu Y, Funaoka M// 1515 Kamihama, Tsu, Mie 514 8507, Japan

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Isshiki Y, Zahringer U, Kawahara K// Res Ctr Borstel, Div Immunochem, DE-23845 Borstel, Germany

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Molinaro A, De Castro C, Lanzetta R, Parrilli M, Raio A, Zoina A// Univ Naples Federico II, Dipt Chim Organ & Biochim, IT-80126 Naples, Italy

Carbohydr Res 2003 **338** (23) 2721

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Carbohydr Res 2003 **338** (23) 2757

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Carbohydr Res 2003 **338** (23) 2751

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Adebowale KO, Lawal OS// Univ Ibadan, Dept Chem, Ibadan, Nigeria

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Ahmad S, Khan MA, Khan NZ*// *Hamdard Univ, Fac Sci, Dept Chem, IN-110062 New Delhi, India

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J Phys Org Chem 2003 **16** (8) 513

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J Appl Polym Sci 2003 **90** (8) 2053

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Jeannette NA, Jean LPB, Le Bail P, Buleon A*// *ETH, Schmelzbergstr 9, CH-8092 Zurich, Switzerland

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A comparison of isolated starch and starch *in situ*

Ke TY, Sun SXZ*, Seib P// *Kansas State Univ, Dept Grain Sci & Ind, Manhattan, Ks 66506, USA

J Appl Polym Sci 2003 **89** (13) 3639

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Li M, Kim JW, Peebles TL*// *Univ Iowa, Dept Chem & Biochem Engr, Iowa City, Ia 52242, USA

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Losev NV, Makarova LI, Lipatova IM// Russian Acad Sci, Inst Chem Solut, Ivanovo, Russia

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Mali S, Grossmann MVE// Univ Estadual Londrina, Dept Tecnol Alimentos & Medicamentos, Ctr Ciencias Agrarias, Cx Postal 6001, BR-86051-990 Londrina, PR, Brazil

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McGlashan SA, Halley PJ*// *Univ Queensland, Div Chem Engr, Brisbane, Qld 4072, Australia

Polym Int 2003 **52** (11) 1767

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Park JH, Whang YC, Jung YJ, Okamoto Y, Yamamoto C, Carr PW, McNeff CV// Yeungnam Univ, Dept Chem, Kyongsan 712 749, South Korea

J Sep Sci 2003 **26** (15-16) 1331

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Pinel C, Donze U, Gallezot P// Inst Rech Catalyse, 2 Ave Albert Einstein, FR-69626 Villeurbanne, France

Catal Commun 2003 **4** (9) 465

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Raj B, Raj AE, Madan P, Siddaramaiah// Cent Food Technol Res Inst, IN-570013 Mysore, India

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Rodriguez-Gonzalez FJ, Virgilio N, Ramsay BA, Favis BD*// *Ecole Polytech, Dept Chem Engr, CRASP, POB 6079, Montreal, Quebec, Canada H3C 3A7

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Rosa DD, Rodrigues TC, Guedes CDF, Calil MR// Univ Sao Francisco, Programa Posgrad Stricto Sensu Engr & Ciencia Mat, Rua Alexandre Rodrigues Barbosa 45, BR-13251-900 Itatiba, SP, Brazil

J Appl Polym Sci 2003 **89** (13) 3539

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Stepto RFT// UMIST, Polymer Sci & Technol Grp, Manchester Mat Sci Ctr, Grosvenor St, Manchester M1 7HS, England

Macromol Symposia 2003 **201** 203

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Swamy BKK, Siddaramaiah*// *JSS Coll, Dept Chem, IN-570004 Mysore, India

J Appl Polym Sci 2003 **90** (11) 2945

Structure-property relationship of starch-filled chain-extended polyurethanes

Szymonska J, Krok F// Univ Agr, Dept Chem, Mickiewicz Ave 21, PL-31120 Krakow, Poland

Int J Biol Macromol 2003 **33** (1-3) 1

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Takahashi Y, Nishikawa S// Osaka Univ, Grad Sch Sci, Dept Macromol Sci, Toyonaka, Osaka 560 0043, Japan

Macromolecules 2003 **36** (23) 8656

Crystal structure of amylose triacetate I

Wang H, Sun XZ*, Seib P// *Kansas State Univ, Dept Grain Sci & Ind, Manhattan, Ks 66506, USA

J Appl Polym Sci 2003 **90** (13) 3683

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Wongsuban B, Muhammad K, Ghazali Z, Hashim K, Hassan MA// Univ Putra Malaysia, Fac Food Sci & Biotechnol, Dept Food Sci, UPM Serdang, MY-43400 Serdang, Malaysia

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Wu JH, Wei YL, Lin JM, Lin SB// Huaqiao Univ, Inst Mat Phys Chem, CN-362011 Fujian, Peoples Rep China

Polym Int 2003 **52** (12) 1909

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Biomacromolecules 2003 **4** (6) 1703

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Bajpai AK, Bhanu S// Govt Autonomous Sci Coll, Dept Chem, Bose Mem Res Lab, IN-482001 Jabalpur, India

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Hoshino E, Tanaka A// *Kao Corp, Household Prod Res Labs, Wakayama Res Labs, 1334 Minato, Wakayama 640 8580, Japan

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Richardson S, Nilsson G, Cohen A, Momcilovic D, Brinkmalm G, Gorton L// *Lund Univ, Dept Analyt Chem, POB 124, SE-22100 Lund, Sweden

Anal Chem 2003 **75** (23) 6499

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Aasprong E, Smidsrod O, Stokke BT// *NTNU, Norwegian Biopolymer Lab, Dept Biotechnol, NO-7491 Trondheim, Norway

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Ahrazem O, Prieto A, San-Blas G, Leal JA, Jimenez-Barbero J, Bernabe M// *Inst Quim Organ - CSIC, Dept Quim Organ Biol, Juan Cierva 3, ES-28006 Madrid, Spain

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Alpe M, Oscarson S// *Univ Stockholm, Arrhenius Lab, Dept Organ Chem, SE-10691 Stockholm, Sweden

Carbohydr Res 2003 **338** (23) 2605

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Brandenburg K, Andra J, Muller M, Koch MHJ, Garidel P// LG Biophys, Forschungszentrum, Parkallee 10, DE-23845 Borstel, Germany

Carbohydr Res 2003 **338** (23) 2477

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Cescutti P, Impallomeni G, Garozzo D, Sturiale L, Herasimenka Y, Lagatolla C, Rizzo R// Univ Trieste, Dipt Biochim Biofis & Chim Macromol, Via L Giorgieri 1, IT-34127 Trieste, Italy

Carbohydr Res 2003 **338** (23) 2687

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Chizhik VI, Khripov AA, Nishinari K// St Petersburg State Univ, Dept Phys, RU-198504 St Petersburg, Russia

J Mol Liq 2003 **106** (2-3) 249

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Edelman MW, Van der Linden E, Tromp RH// *Wageningen Ctr Food Sci, Dierenweg 20, NL-6703 GW Wageningen, The Netherlands

Macromolecules 2003 **36** (20) 7783

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Ferretti R, Stoll S*, Zhang JW, Buffle J// *Univ Geneva, Sci II, Dept Inorgan Analyt & Appl Chem, CABB, 30 Quai E Ansermet, CH-1211 Geneva 4, Switzerland

J Colloid Interface Sci 2003 **266** (2) 328

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Halberstadt M, Bohnke M, Athmann S, Hagenah M// Inselspital Bern, Dept Ophthalmol, CH-3010 Bern, Switzerland

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Joosten JAF, Kamerling JP*, Vliegthart JFG// *Univ Utrecht, Dept Bioorgan Chem, Sect Glycosci & Biocatalysis, Bijvoet Ctr, Padualaan 8, NL-3584 CH Utrecht, The Netherlands

Carbohydr Res 2003 **338** (23) 2611

Chemo-enzymatic synthesis of a tetra- and octasaccharide fragment of the capsular polysaccharide of *Streptococcus pneumoniae* type 14

Joosten JAF, Lazet BJ, Kamerling JP*, Vliegthart JFG// *Address as above

Carbohydr Res 2003 **338** (23) 2629

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Kwak S, Lafleur M// *Univ Montreal, Dept Chem, CP 6128, Succursale Centre-ville, Montreal, Quebec, Canada H3C 3J7

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Lattner D, Flemming HC, Mayer C// *Univ Duisburg Essen, Inst Chem, Lotharstr 1, DE-47057 Duisburg, Germany

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Polym J 2003 **35** (9) 714

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Nitta Y, Kim BS, Nishinari K// *Osaka City Univ, Grad Sch Human Life Sci, 3-3-138 Sugimoto, Sumiyoshi ku, Osaka-shi, Osaka 558 8585, Japan

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Ohmura Y, Matsunaga K*, Motokawa I, Sakurai K, Ando T// *Kureha Chem Ind Co Ltd, Biomed Res Lab, 3-26-2 Hyakunin cho, Shinjuku ku, Tokyo 169 8503, Japan

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J Polym Sci A Polym Chem 2003 **41** (16) 2462

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Park SK, Kim GY, Lim JY, Kwak JY, Bae YS, Lee JD, Oh YH, Ahn SC, Park YM// *Pusan Natl Univ, Coll Med, Dept Microbiol, Pusan 602 739, South Korea

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