

# Paul Gatenholm

## List of Publications by Year in descending order

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136  
papers

11,583  
citations

24978

57  
h-index

28224

105  
g-index

140  
all docs

140  
docs citations

140  
times ranked

11098  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alginate and tunicate nanocellulose composite microbeads – Preparation, characterization and cell encapsulation. Carbohydrate Polymers, 2022, 286, 119284.	5.1	6
2	Long-term <i>in vivo</i> survival of 3D-bioprinted human lipoaspirate-derived adipose tissue: proteomic signature and cellular content. Adipocyte, 2022, 11, 34-46.	1.3	8
3	Biomaterial and biocompatibility evaluation of tunicate nanocellulose for tissue engineering. , 2022, 137, 212828.		7
4	Modeling perichondrium-cartilage interactions in vitro. Laryngo- Rhino- Otologie, 2022, , .	0.2	0
5	Long-term <i>in vivo</i> integrity and safety of 3D-bioprinted cartilaginous constructs. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 126-136.	1.6	15
6	Structural characterization of the family GH115 $\beta$ -glucuronidase from Amphibacillus xylanus yields insight into its coordinated action with $\beta$ -arabinofuranosidases. New Biotechnology, 2021, 62, 49-56.	2.4	8
7	Vascularization of tissue engineered cartilage - Sequential <i>in vivo</i> MRI display functional blood circulation. Biomaterials, 2021, 276, 121002.	5.7	13
8	307.7: 3D Bioprinting of Functional Islets With Adipose-derived Stromal Cells in an Alginate/Nanocellulose Scaffold. Transplantation, 2021, 105, S25-S25.	0.5	0
9	Successful engraftment, vascularization, and <i>In vivo</i> survival of 3D-bioprinted human lipoaspirate-derived adipose tissue. Bioprinting, 2020, 17, e00065.	2.9	24
10	Injectable conductive hydrogel restores conduction through ablated myocardium. Journal of Cardiovascular Electrophysiology, 2020, 31, 3293-3301.	0.8	5
11	3D Printed Conductive Nanocellulose Scaffolds for the Differentiation of Human Neuroblastoma Cells. Cells, 2020, 9, 682.	1.8	65
12	Elastic strain-hardening and shear-thickening exhibited by thermoreversible physical hydrogels based on poly(alkylene oxide)-grafted hyaluronic acid or carboxymethylcellulose. Physical Chemistry Chemical Physics, 2020, 22, 14579-14590.	1.3	5
13	Ambient-Dried, 3D-Printable and Electrically Conducting Cellulose Nanofiber Aerogels by Inclusion of Functional Polymers. Advanced Functional Materials, 2020, 30, 1909383.	7.8	92
14	Three-dimensional bioprinting using a coaxial needle with viscous inks in bone tissue engineering - An <i>In vitro</i> study. Annals of Maxillofacial Surgery, 2020, 10, 370.	0.2	8
15	Quantitative Grafting for Structure-Function Establishment: Thermoresponsive Poly(alkylene oxide) Graft Copolymers Based on Hyaluronic Acid and Carboxymethylcellulose. Biomacromolecules, 2019, 20, 1271-1280.	2.6	4
16	Experimental and Theoretical Evaluation of the Solubility/Insolubility of Spruce Xylan (Arabino) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.6	16
17	Biofabrication of bacterial nanocellulose scaffolds with complex vascular structure. Biofabrication, 2019, 11, 045010.	3.7	35
18	Materials from trees assembled by 3D printing – Wood tissue beyond nature limits. Applied Materials Today, 2019, 15, 280-285.	2.3	35

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19	Three-Dimensional Printed Biopatches With Conductive Ink Facilitate Cardiac Conduction When Applied to Disrupted Myocardium. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e006920.	2.1	44
20	In Vivo Human Cartilage Formation in Three-Dimensional Bioprinted Constructs with a Novel Bacterial Nanocellulose Bioink. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2482-2490.	2.6	55
21	Tailor-made conductive inks from cellulose nanofibrils for 3D printing of neural guidelines. <i>Carbohydrate Polymers</i> , 2018, 189, 22-30.	5.1	104
22	Skin Grafting on 3D Bioprinted Cartilage Constructs In Vivo. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1930.	0.3	23
23	Development of Nanocellulose-Based Bioinks for 3D Bioprinting of Soft Tissue. , 2018, , 331-352.		6
24	Embedding of Bacterial Cellulose Nanofibers within PHEMA Hydrogel Matrices: Tunable Stiffness Composites with Potential for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-11.	1.5	40
25	Tailormade Polysaccharides with Defined Branching Patterns: Enzymatic Polymerization of Arabinoxylan Oligosaccharides. <i>Angewandte Chemie</i> , 2018, 130, 12163-12168.	1.6	3
26	Tailormade Polysaccharides with Defined Branching Patterns: Enzymatic Polymerization of Arabinoxylan Oligosaccharides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11987-11992.	7.2	20
27	In vitro evaluation of osteoblastic cells on bacterial cellulose modified with multi-walled carbon nanotubes as scaffold for bone regeneration. <i>Materials Science and Engineering C</i> , 2017, 75, 445-453.	3.8	84
28	In Vivo Chondrogenesis in 3D Bioprinted Human Cell-laden Hydrogel Constructs. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1227.	0.3	107
29	Cartilage Tissue Engineering by the 3D Bioprinting of iPS Cells in a Nanocellulose/Alginate Bioink. <i>Scientific Reports</i> , 2017, 7, 658.	1.6	342
30	Regular Motifs in Xylan Modulate Molecular Flexibility and Interactions with Cellulose Surfaces. <i>Plant Physiology</i> , 2017, 175, 1579-1592.	2.3	79
31	Biomimetic Inks Based on Cellulose Nanofibrils and Cross-Linkable Xylans for 3D Printing. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40878-40886.	4.0	106
32	Cellulose-derived carbon nanofibers/graphene composite electrodes for powerful compact supercapacitors. <i>RSC Advances</i> , 2017, 7, 45968-45977.	1.7	76
33	Synthesis of tunable hydrogels based on O-acetyl-galactoglucomannans from spruce. <i>Carbohydrate Polymers</i> , 2017, 157, 1349-1357.	5.1	29
34	Alginate Sulfateâ€“Nanocellulose Bioinks for Cartilage Bioprinting Applications. <i>Annals of Biomedical Engineering</i> , 2017, 45, 210-223.	1.3	317
35	Chondrocytes and stem cells in 3D-bioprinted structures create human cartilage in vivo. <i>PLoS ONE</i> , 2017, 12, e0189428.	1.1	100
36	Biochemical and Structural Characterization of a Five-domain GH115 $\beta$ -Glucuronidase from the Marine Bacterium <i>Saccharophagus degradans</i> 2-40T. <i>Journal of Biological Chemistry</i> , 2016, 291, 14120-14133.	1.6	18

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37	3D bioprinting of human chondrocyte-laden nanocellulose hydrogels for patient-specific auricular cartilage regeneration. <i>Bioprinting</i> , 2016, 1-2, 22-35.	2.9	212
38	Solidification of 3D Printed Nanofibril Hydrogels into Functional 3D Cellulose Structures. <i>Advanced Materials Technologies</i> , 2016, 1, 1600096.	3.0	118
39	<sup>13</sup> C NMR assignments of regenerated cellulose from solid-state 2D NMR spectroscopy. <i>Carbohydrate Polymers</i> , 2016, 151, 480-487.	5.1	83
40	A GH115 $\beta$ -glucuronidase from <i>Schizophyllum commune</i> contributes to the synergistic enzymatic deconstruction of softwood glucuronoarabinoxylan. <i>Biotechnology for Biofuels</i> , 2016, 9, 2.	6.2	72
41	Enhanced growth of neural networks on conductive cellulose-derived nanofibrous scaffolds. <i>Materials Science and Engineering C</i> , 2016, 58, 14-23.	3.8	51
42	Development of Nanocellulose-Based Bioinks for 3D Bioprinting of Soft Tissue. , 2016, , 1-23.		7
43	Capacitive effects of nitrogen doping on cellulose-derived carbon nanofibers. <i>Materials Chemistry and Physics</i> , 2015, 160, 59-65.	2.0	26
44	Novel bilayer bacterial nanocellulose scaffold supports neocartilage formation in <i>in vitro</i> and in <i>in vivo</i> . <i>Biomaterials</i> , 2015, 44, 122-133.	5.7	130
45	The feasibility of using irreversible electroporation to introduce pores in bacterial cellulose scaffolds for tissue engineering. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4785-4794.	1.7	21
46	Sustainable carbon nanofibers/nanotubes composites from cellulose as electrodes for supercapacitors. <i>Energy</i> , 2015, 90, 1490-1496.	4.5	56
47	Biosynthesis and in vitro evaluation of macroporous mineralized bacterial nanocellulose scaffolds for bone tissue engineering. <i>Bio-Medical Materials and Engineering</i> , 2015, 25, 39-52.	0.4	19
48	In situ synthesis of conductive polypyrrole on electrospun cellulose nanofibers: scaffold for neural tissue engineering. <i>Cellulose</i> , 2015, 22, 1459-1467.	2.4	66
49	Effect of xylan content on mechanical properties in regenerated cellulose/xylan blend films from ionic liquid. <i>Cellulose</i> , 2015, 22, 1943-1953.	2.4	28
50	3D Bioprinting Human Chondrocytes with Nanocellulose- $\alpha$ -Alginate Bioink for Cartilage Tissue Engineering Applications. <i>Biomacromolecules</i> , 2015, 16, 1489-1496.	2.6	1,237
51	Neuronal Networks on Nanocellulose Scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 1162-1170.	1.1	21
52	Controlled molecular reorientation enables strong cellulose fibers regenerated from ionic liquid solutions. <i>Polymer</i> , 2015, 75, 119-124.	1.8	8
53	Adipogenic differentiation of stem cells in three-dimensional porous bacterial nanocellulose scaffolds. , 2015, 103, 195-203.		79
54	3D Bioprinting of Cellulose Structures from an Ionic Liquid. <i>3D Printing and Additive Manufacturing</i> , 2014, 1, 115-121.	1.4	62

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55	Comparison of Biomechanical Properties of Native Menisci and Bacterial Cellulose Implant. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 891-897.	1.8	20
56	Nanofibrillated cellulose reinforced acetylated arabinoxylan films. <i>Composites Science and Technology</i> , 2014, 98, 72-78.	3.8	28
57	In situ forming spruce xylan-based hydrogel for cell immobilization. <i>Carbohydrate Polymers</i> , 2014, 102, 862-868.	5.1	59
58	3D Culturing and differentiation of SH-SY5Y neuroblastoma cells on bacterial nanocellulose scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014, 42, 302-308.	1.9	51
59	Assembly of Debranched Xylan from Solution and on Nanocellulosic Surfaces. <i>Biomacromolecules</i> , 2014, 15, 924-930.	2.6	62
60	Role of (1,3)(1,4)- $\beta$ -Glucan in Cell Walls: Interaction with Cellulose. <i>Biomacromolecules</i> , 2014, 15, 1727-1736.	2.6	63
61	Corncob arabinoxylan for new materials. <i>Carbohydrate Polymers</i> , 2014, 102, 12-20.	5.1	71
62	Ammonium chloride promoted synthesis of carbon nanofibers from electrospun cellulose acetate. <i>Carbon</i> , 2014, 67, 694-703.	5.4	51
63	Biocompatibility evaluation of densified bacterial nanocellulose hydrogel as an implant material for auricular cartilage regeneration. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7423-7435.	1.7	129
64	Mechanical evaluation of bacterial nanocellulose as an implant material for ear cartilage replacement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 22, 12-21.	1.5	188
65	Universal method for protein bioconjugation with nanocellulose scaffolds for increased cell adhesion. <i>Materials Science and Engineering C</i> , 2013, 33, 4599-4607.	3.8	51
66	Moisture induced plasticity of amorphous cellulose films from ionic liquid. <i>Polymer</i> , 2013, 54, 6555-6560.	1.8	27
67	Fast and highly efficient acetylation of xylans in ionic liquid systems. <i>Cellulose</i> , 2013, 20, 2813-2824.	2.4	35
68	Development of nanofiber reinforced hydrogel scaffolds for nucleus pulposus regeneration by a combination of electrospinning and spraying technique. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1158-1163.	1.3	39
69	Influence of molecular weight and rheological behavior on electrospinning cellulose nanofibers from ionic liquids. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2303-2310.	1.3	47
70	Spruce glucomannan: Preparation, structural characteristics and basic film forming ability. <i>Nordic Pulp and Paper Research Journal</i> , 2013, 28, 323-330.	0.3	14
71	Electrospinning cellulosic nanofibers for biomedical applications: structure and in vitro biocompatibility. <i>Cellulose</i> , 2012, 19, 1583-1598.	2.4	84
72	Superhydrophobic behaviour of plasma modified electrospun cellulose nanofiber-coated microfibers. <i>Cellulose</i> , 2012, 19, 1743-1748.	2.4	33

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73	Small calibre biosynthetic bacterial cellulose blood vessels: 13-months patency in a sheep model. Scandinavian Cardiovascular Journal, 2012, 46, 57-62.	0.4	59
74	<i>In situ</i> Imaging of Collagen Synthesis by Osteoprogenitor Cells in Microporous Bacterial Cellulose Scaffolds. Tissue Engineering - Part C: Methods, 2012, 18, 227-234.	1.1	50
75	Methacrylate hydrogels reinforced with bacterial cellulose. Polymer International, 2012, 61, 1193-1201.	1.6	32
76	Non-linear microscopy of smooth muscle cells in artificial extracellular matrices made of cellulose. Journal of Biophotonics, 2012, 5, 404-414.	1.1	16
77	Electrospinning of cellulose nanofibers from ionic liquids: The effect of different cosolvents. Journal of Applied Polymer Science, 2012, 125, 1901-1909.	1.3	77
78	Arabinoxylan/nanofibrillated cellulose composite films. Journal of Materials Science, 2012, 47, 6724-6732.	1.7	50
79	Flexible oxygen barrier films from spruce xylan. Carbohydrate Polymers, 2012, 87, 2381-2387.	5.1	112
80	Cobalt (II) chloride promoted formation of honeycomb patterned cellulose acetate films. Journal of Colloid and Interface Science, 2012, 367, 485-493.	5.0	13
81	Mechanical stimulation of fibroblasts in microchanneled bacterial cellulose scaffolds enhances production of oriented collagen fibers. Journal of Biomedical Materials Research - Part A, 2012, 100A, 948-957.	2.1	60
82	Biomimetic Calcium Phosphate Crystal Mineralization on Electrospun Cellulose-Based Scaffolds. ACS Applied Materials & Interfaces, 2011, 3, 681-689.	4.0	146
83	Bacterial cellulose-based materials and medical devices: current state and perspectives. Applied Microbiology and Biotechnology, 2011, 91, 1277-1286.	1.7	453
84	Bacterial cellulose modified with xyloglucan bearing the adhesion peptide RGD promotes endothelial cell adhesion and metabolism-a promising modification for vascular grafts. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 454-463.	1.3	50
85	Bacterial nanocellulose-reinforced arabinoxylan films. Journal of Applied Polymer Science, 2011, 122, 1030-1039.	1.3	68
86	Biomimetic design of a bacterial cellulose/hydroxyapatite nanocomposite for bone healing applications. Materials Science and Engineering C, 2011, 31, 43-49.	3.8	165
87	Observations on bacterial cellulose tube formation for application as vascular graft. Materials Science and Engineering C, 2011, 31, 14-21.	3.8	75
88	Coherent anti-Stokes Raman scattering microscopy of human smooth muscle cells in bioengineered tissue scaffolds. Journal of Biomedical Optics, 2011, 16, 021115.	1.4	17
89	Intravital fluorescent microscopic evaluation of bacterial cellulose as scaffold for vascular grafts. Journal of Biomedical Materials Research - Part A, 2010, 93A, 140-149.	2.1	34
90	CARS and SHG microscopy of artificial bioengineered tissues. , 2010, , .		1

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91	Release of Antithrombotic Drugs from Alginate Gel Beads. <i>Current Drug Delivery</i> , 2010, 7, 297-302.	0.8	9
92	Electromagnetically Controlled Biological Assembly of Aligned Bacterial Cellulose Nanofibers. <i>Annals of Biomedical Engineering</i> , 2010, 38, 2475-2484.	1.3	56
93	Behavior of human chondrocytes in engineered porous bacterial cellulose scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1124-1132.	2.1	67
94	Microporous bacterial cellulose as a potential scaffold for bone regeneration. <i>Acta Biomaterialia</i> , 2010, 6, 2540-2547.	4.1	332
95	Tissue-engineered conduit using urine-derived stem cells seeded bacterial cellulose polymer in urinary reconstruction and diversion. <i>Biomaterials</i> , 2010, 31, 8889-8901.	5.7	228
96	Visualization of the Cellulose Biosynthesis and Cell Integration into Cellulose Scaffolds. <i>Biomacromolecules</i> , 2010, 11, 542-548.	2.6	30
97	Controlling the architecture of nanofiber-coated microfibers using electrospinning. <i>Journal of Applied Polymer Science</i> , 2010, 118, 511-517.	1.3	9
98	Bacterial Nanocellulose as a Renewable Material for Biomedical Applications. <i>MRS Bulletin</i> , 2010, 35, 208-213.	1.7	302
99	Bacterial Cellulose: A Potential Vascular Graft and Tissue Engineering Scaffold. , 2009, , .		1
100	The effect of barley husk arabinoxylan adsorption on the properties of cellulose fibres. <i>Cellulose</i> , 2008, 15, 537-546.	2.4	62
101	Effect of cell seeding concentration on the quality of tissue engineered constructs loaded with adult human articular chondrocytes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2008, 2, 14-21.	1.3	19
102	Engineering microporosity in bacterial cellulose scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2008, 2, 320-330.	1.3	204
103	Electrospinning of degradable elastomeric nanofibers with various morphology and their interaction with human fibroblasts. <i>Journal of Applied Polymer Science</i> , 2008, 108, 491-497.	1.3	14
104	Electrospinning of Highly Porous Scaffolds for Cartilage Regeneration. <i>Biomacromolecules</i> , 2008, 9, 1044-1049.	2.6	199
105	Material Properties of Films from Enzymatically Tailored Arabinoxylans. <i>Biomacromolecules</i> , 2008, 9, 2042-2047.	2.6	118
106	Highly Hydrophobic Wood Surfaces Prepared by Treatment With Atmospheric Pressure Dielectric Barrier Discharges. <i>Journal of Adhesion Science and Technology</i> , 2008, 22, 2059-2078.	1.4	23
107	Fractionation and characterization of xylan rich extracts from birch. <i>Holzforschung</i> , 2008, 62, 31-37.	0.9	24
108	Oxygen Barrier Films Based on Xylans Isolated from Biomass. <i>ACS Symposium Series</i> , 2007, , 137-152.	0.5	7

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109	Modification of Nanocellulose with a Xyloglucanâ€”RGD Conjugate Enhances Adhesion and Proliferation of Endothelial Cells: Implications for Tissue Engineering. <i>Biomacromolecules</i> , 2007, 8, 3697-3704.	2.6	190
110	The effect of controlled glucuronoxylan adsorption on drying-induced strength loss of bleached softwood pulp. <i>Nordic Pulp and Paper Research Journal</i> , 2007, 22, 508-515.	0.3	29
111	Influence of cultivation conditions on mechanical and morphological properties of bacterial cellulose tubes. <i>Biotechnology and Bioengineering</i> , 2007, 97, 425-434.	1.7	181
112	Bacterial cellulose as a potential meniscus implant. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 406-408.	1.3	180
113	Biomimetic engineering of cellulose-based materials. <i>Trends in Biotechnology</i> , 2007, 25, 299-306.	4.9	110
114	Effect of Water Content in Potato Amylopectin Starch on Microwave Foaming Process. <i>Journal of Polymers and the Environment</i> , 2007, 15, 43-50.	2.4	21
115	The influence of lignin on the self-assembly behaviour of xylan rich fractions from birch ( <i>Betula</i> Tj ETQq1 1 0.784314.rgBT /Oyerlock 10<i> </i>	2.4	56
116	Characterization of water in bacterial cellulose using dielectric spectroscopy and electron microscopy. <i>Polymer</i> , 2007, 48, 7623-7631.	1.8	152
117	Gas-Phase Surface Fluorination of Arabinoxylan Films. <i>Macromolecules</i> , 2006, 39, 2718-2721.	2.2	49
118	Optimization of the Process Conditions for the Extraction of Heteropolysaccharides from Birch (<i>Betula pendula</i>). <i>ACS Symposium Series</i> , 2006, , 321-333.	0.5	4
119	Evidence of the presence of 2-O-Î²-d-xylopyranosyl-Î±-l-arabinofuranose side chains in barley husk arabinoxylan. <i>Carbohydrate Research</i> , 2006, 341, 2959-2966.	1.1	67
120	Mechanical properties of bacterial cellulose and interactions with smooth muscle cells. <i>Biomaterials</i> , 2006, 27, 2141-2149.	5.7	509
121	In vivo biocompatibility of bacterial cellulose. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 76A, 431-438.	2.1	594
122	The effect of molecular composition of xylan extracted from birch on its assembly onto bleached softwood kraft pulp. <i>Holzforschung</i> , 2006, 60, 143-148.	0.9	41
123	The effect of moisture on the dynamical mechanical properties of bacterial cellulose/glucuronoxylan nanocomposites. <i>Polymer</i> , 2005, 46, 10364-10371.	1.8	66
124	Isolation and characterization of physicochemical and material properties of arabinoxylans from barley husks. <i>Carbohydrate Polymers</i> , 2005, 61, 266-275.	5.1	166
125	The Effect of Starch Composition on Structure of Foams Prepared by Microwave Treatment. <i>Journal of Polymers and the Environment</i> , 2005, 13, 29-37.	2.4	43
126	Material Properties of Plasticized Hardwood Xylans for Potential Application as Oxygen Barrier Films. <i>Biomacromolecules</i> , 2004, 5, 1528-1535.	2.6	213

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127	Surface modification of cellulose fibers: towards wood composites by biomimetics. <i>Comptes Rendus - Biologies</i> , 2004, 327, 945-953.	0.1	48
128	Effects of Extractives on the Surface Chemistry and Wettability of High Temperature Chemithermomechanical Pulps. <i>Nordic Pulp and Paper Research Journal</i> , 2004, 19, 53-58.	0.3	2
129	Effect of acetylation on the material properties of glucuronoxylan from aspen wood. <i>Carbohydrate Polymers</i> , 2003, 52, 359-366.	5.1	106
130	Biomimetic materials with tailored surface micro-architecture for prevention of marine biofouling. <i>Surface and Interface Analysis</i> , 2003, 35, 168-173.	0.8	13
131	Mechanism of Assembly of Xylan onto Cellulose Surfaces. <i>Langmuir</i> , 2003, 19, 5072-5077.	1.6	165
132	Preparation and Characterization of Arabinoxylan Esters. <i>ACS Symposium Series</i> , 2003, , 326-346.	0.5	2
133	Effect of Cellulose Substrate on Assembly of Xylans. <i>ACS Symposium Series</i> , 2003, , 236-253.	0.5	2
134	Contribution of the Molecular Architecture of 4-O-Methyl Glucuronoxylan to Its Aggregation Behavior in Solution. <i>ACS Symposium Series</i> , 2003, , 167-183.	0.5	1
135	Controlled Assembly of Glucuronoxylans onto Cellulose Fibres. <i>Holzforschung</i> , 2001, 55, 494-502.	0.9	58
136	Design and microstructuring of PDMS surfaces for improved marine biofouling resistance. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 1051-1072.	1.9	79