

Marja Lajunen

List of Publications by Year in descending order

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papers

844
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759233

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times ranked

1467
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#	ARTICLE	IF	CITATIONS
1	Inkjet Printing of Electrically Conductive Patterns of Carbon Nanotubes. <i>Small</i> , 2006, 2, 1021-1025.	10.0	479
2	HPLC-ELSD analysis of six starch species heat-dispersed in [BMIM]Cl ionic liquid. <i>Carbohydrate Polymers</i> , 2011, 84, 509-516.	10.2	59
3	Dissolution and depolymerization of barley starch in selected ionic liquids. <i>Carbohydrate Polymers</i> , 2013, 93, 89-94.	10.2	43
4	Oxidation and degradation of native wheat starch by acidic bromate in water at room temperature. <i>Carbohydrate Polymers</i> , 2013, 93, 73-80.	10.2	41
5	Task-specific ionic liquid for the depolymerisation of starch-based industrial waste into high reducing sugars. <i>Catalysis Today</i> , 2014, 223, 11-17.	4.4	26
6	Water-soluble carbon nanotubes through sugar azide functionalization. <i>Carbon</i> , 2011, 49, 1299-1304.	10.3	25
7	New nitrene functionalizations onto sidewalls of carbon nanotubes and their spectroscopic analysis. <i>Carbon</i> , 2010, 48, 2425-2434.	10.3	24
8	Fast oxidation of secondary alcohols by the bromate-bromide system using cyclic microwave heating in acidic water. <i>Tetrahedron Letters</i> , 2010, 51, 6695-6699.	1.4	19
9	Complexation of Fe(III) with water-soluble oxidized starch. <i>Starch/Staerke</i> , 2013, 65, 338-345.	2.1	16
10	Modification of potato peel waste with base hydrolysis and subsequent cationization. <i>Carbohydrate Polymers</i> , 2015, 132, 97-103.	10.2	14
11	Preparation of water-soluble starch oligomers from variable starch species in 1-allyl-3-methylimidazolium chloride. <i>Starch/Staerke</i> , 2012, 64, 263-271.	2.1	13
12	Spectroscopic study of natural and synthetic polysaccharide sulfate structures. <i>Starch/Staerke</i> , 2016, 68, 854-863.	2.1	13
13	¹ H NMR-based DS determination of barley starch sulfates prepared in 1-allyl-3-methylimidazolium chloride. <i>Carbohydrate Polymers</i> , 2016, 136, 721-727.	10.2	11
14	Room-Temperature Oxidation of Secondary Alcohols by Bromate-Bromide Coupling in Acidic Water. <i>Synthetic Communications</i> , 2012, 42, 534-540.	2.1	9
15	Water-soluble oxidized starch in complexation of Fe(III), Cu(II), Ni(II) and Zn(II) ions. <i>Reactive and Functional Polymers</i> , 2014, 83, 123-131.	4.1	9
16	NMR studies on aromatic compounds: ¹³ C NMR spectra of some mono- and disulphonato-substituted hydroxynaphthoic acids in DMSO-d ₆ -water solution. <i>Magnetic Resonance in Chemistry</i> , 1983, 21, 154-155.	0.7	8
17	Direct functionalization of pristine single-walled carbon nanotubes by diazonium-based method with various five-membered S- or N- heteroaromatic amines. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	8
18	Hajos-Parrish ketone: approaches toward C-ring precursors of 7-deoxytaxol. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 1439-1443.	1.3	7

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19	Fascinating distinct reactivity of 3- or 2-aminopyridines with carbon nanotubes. Chemical Engineering Journal, 2011, 172, 557-563.	12.7	7
20	Binding of some heavy metal ions in aqueous solution with cationized or sulphonylated starch or waste starch. Starch/Staerke, 2016, 68, 900-908.	2.1	7
21	Fast and efficient benign oxidation of native wheat starch by acidic bromate under microwave activation. Carbohydrate Research, 2013, 367, 58-62.	2.3	6