

Stephanie Hesse-Ertelt

List of Publications by Year in descending order

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16
papers

524
citations

759233

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940533

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all docs

16
docs citations

16
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the water content of never dried and reswollen bacterial cellulose by the addition of water-soluble polymers to the culture medium. <i>Journal of Polymer Science Part A</i> , 2004, 42, 463-470.	2.3	115
2	Nanoparticles on the Basis of Highly Functionalized Dextrans. <i>Journal of the American Chemical Society</i> , 2005, 127, 10484-10485.	13.7	91
3	¹³ C Chemical Shift Constrained Crystal Structure Refinement of Cellulose and Its Verification by NMR Anisotropy Experiments. <i>Macromolecules</i> , 2006, 39, 6125-6132.	4.8	74
4	Solvent Effects on the NMR Chemical Shifts of Imidazolium-Based Ionic Liquids and Cellulose Therein. <i>Macromolecular Symposia</i> , 2010, 294, 75-89.	0.7	46
5	Novel Nanoparticles Based on Dextran Esters with Unsaturated Moieties. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1908-1912.	3.9	32
6	Behavior of cellulose production of in C-enriched cultivation media including movements on nematic ordered cellulose templates. <i>Carbohydrate Polymers</i> , 2005, 60, 457-465.	10.2	31
7	Powder pattern recoupling at 10kHz spinning speed applied to cellulose. <i>Journal of Magnetic Resonance</i> , 2003, 161, 35-42.	2.1	23
8	A One-Pot Synthesis of Chromophoric Silicate-Based Xerogels. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1729-1732.	13.8	16
9	Radical Grafting Polymerization of Vinylformamide with Functionalized Silica Particles. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 725-732.	2.2	16
10	Spectral assignments and anisotropy data of cellulose ¹³ C-NMR chemical shift data of cellulose determined by INADEQUATE and RAI techniques applied to uniformly ¹³ C-labeled bacterial celluloses of different <i>Gluconacetobacter xylinus</i> strains. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 1030-1036.	1.9	16
11	Studies on the Film Formation of Polysaccharide Based Furan-2-Carboxylic Acid Esters. <i>Macromolecular Symposia</i> , 2005, 232, 57-67.	0.7	15
12	Analytical Investigations of Bacterial Cellulose. <i>Macromolecular Symposia</i> , 2005, 223, 201-212.	0.7	13
13	Synthesis and properties of crosslinked polyvinylformamide and polyvinylamine hydrogels in conjunction with silica particles. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3144-3152.	2.3	12
14	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 77-81.	2.4	9
15	Microscopic Visualization of Nanostructures of Cellulose Derivatives. <i>Macromolecular Symposia</i> , 2005, 223, 253-266.	0.7	8
16	Structure elucidation of uniformly ¹³ C-labeled bacterial celluloses from different <i>Gluconacetobacter xylinus</i> strains. <i>Cellulose</i> , 2010, 17, 139-151.	4.9	7