

# Production of 5-hydroxymethylfurfural and furfural by mono- and poly-saccharides

Green Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Physical chemistry of small carbohydrates - equilibrium solution properties. <i>Pure and Applied Chemistry</i> , 1987, 59, 1189-1202.	0.9	143
2	Polymeric analogues of dipolar aprotic solvents as phase transfer catalysts. <i>Pure and Applied Chemistry</i> , 1988, 60, 387-394.	0.9	28
3	The E Factor: fifteen years on. <i>Green Chemistry</i> , 2007, 9, 1273.	4.6	1,370
4	Unleashing Biocatalysis/Chemical Catalysis Synergies for Efficient Biomass Conversion. <i>ACS Chemical Biology</i> , 2007, 2, 533-535.	1.6	36
6	Chemicals from Renewables: Aerobic Oxidation of Furfural and Hydroxymethylfurfural over Gold Catalysts. <i>ChemSusChem</i> , 2008, 1, 75-78.	3.6	292
7	The Renewable Chemicals Industry. <i>ChemSusChem</i> , 2008, 1, 283-289.	3.6	323
8	Catalytic Strategies for Changing the Energy Content and Achieving C-C Coupling in Biomass-Derived Oxygenated Hydrocarbons. <i>ChemSusChem</i> , 2008, 1, 725-733.	3.6	93
9	Direct, High-Yield Conversion of Cellulose into Biofuel. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7924-7926.	7.2	455
10	Efficient Catalytic System for the Selective Production of 5-Hydroxymethylfurfural from Glucose and Fructose. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9345-9348.	7.2	371
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19	Conversion of fructose to 5-hydroxymethylfurfural using ionic liquids prepared from renewable materials. <i>Green Chemistry</i> , 2008, 10, 1280.	4.6	306
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25	Efficient Catalytic Conversion of Fructose into 5-Hydroxymethylfurfural in Ionic Liquids at Room Temperature. <i>ChemSusChem</i> , 2009, 2, 944-946.	3.6	121
26	Efficient microwave-assisted synthesis of 5-hydroxymethylfurfural from concentrated aqueous fructose. <i>Carbohydrate Research</i> , 2009, 344, 2568-2572.	1.1	145
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44	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	1.4	104
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121	5-Hydroxymethylfurfural (HMF) as a building block platform: Biological properties, synthesis and synthetic applications. <i>Green Chemistry</i> , 2011, 13, 754.	4.6	1,391
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153	Catalytic Production of Liquid Hydrocarbon Transportation Fuels. , 2012, , 29-56.		32
154	Synthesis of Oxacyclic Derivatives Using Ionic Liquids as a Reaction Medium. <i>Current Organic Synthesis</i> , 2012, 9, 65-73.	0.7	3
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