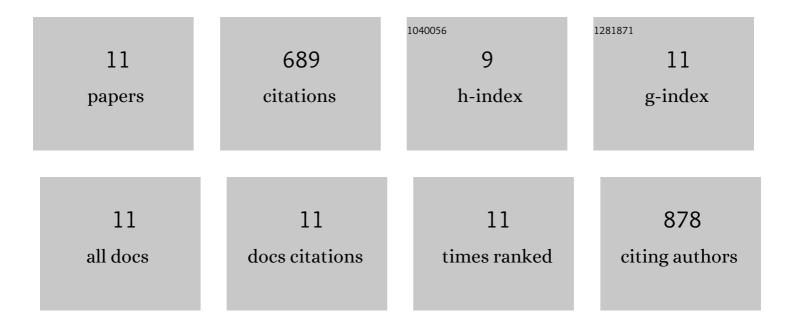
Keith Gourlay

List of Publications by Year in descending order

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KEITH COURLAY

#	Article	IF	CITATIONS
1	Surfactant-free cellulose filaments stabilized oil in water emulsions. Cellulose, 2022, 29, 985-1001.	4.9	3
2	Controllable synthesis uniform spherical bacterial cellulose and their potential applications. Cellulose, 2019, 26, 8325-8336.	4.9	9
3	The potential of endoglucanases to rapidly and specifically enhance the rheological properties of micro/nanofibrillated cellulose. Cellulose, 2018, 25, 977-986.	4.9	16
4	Biomassâ€water interactions correlate to recalcitrance and are intensified by pretreatment: An investigation of water constraint and retention in pretreated spruce using low field NMR and water retention value techniques. Biotechnology Progress, 2017, 33, 146-153.	2.6	38
5	The Accessible Cellulose Surface Influences Cellulase Synergism during the Hydrolysis of Lignocellulosic Substrates. ChemSusChem, 2015, 8, 901-907.	6.8	31
6	The Use of Carbohydrate Binding Modules (CBMs) to Monitor Changes in Fragmentation and Cellulose Fiber Surface Morphology during Cellulase- and Swollenin-induced Deconstruction of Lignocellulosic Substrates. Journal of Biological Chemistry, 2015, 290, 2938-2945.	3.4	43
7	The addition of accessory enzymes enhances the hydrolytic performance of cellulase enzymes at high solid loadings. Bioresource Technology, 2015, 186, 149-153.	9.6	150
8	Substrate factors that influence the synergistic interaction of AA9 and cellulases during the enzymatic hydrolysis of biomass. Energy and Environmental Science, 2014, 7, 2308-2315.	30.8	193
9	The enzymatic hydrolysis of pretreated pulp fibers predominantly involves "peeling/erosion―modes of action. Biotechnology for Biofuels, 2014, 7, 87.	6.2	34
10	Swollenin aids in the amorphogenesis step during the enzymatic hydrolysis of pretreated biomass. Bioresource Technology, 2013, 142, 498-503.	9.6	115
11	Use of substructure-specific carbohydrate binding modules to track changes in cellulose accessibility and surface morphology during the amorphogenesis step of enzymatic hydrolysis. Biotechnology for Biofuels, 2012, 5, 51.	6.2	57