

Florent Grimaud

List of Publications by Year in descending order

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854
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal and molecular structure of V-amylose complexed with ibuprofen. Carbohydrate Polymers, 2021, 261, 117885.	5.1	16
2	In Vitro Synthesis and Crystallization of Î²-1,4-Mannan. Biomacromolecules, 2019, 20, 846-853.	2.6	17
3	Macromolecular structure and film properties of enzymatically-engineered high molar mass dextrans. Carbohydrate Polymers, 2018, 181, 337-344.	5.1	12
4	A dextran with unique rheological properties produced by the dextransucrase from Oenococcus oeni DSM 17330. Carbohydrate Polymers, 2018, 179, 10-18.	5.1	26
5	Enzymatic synthesis of polysaccharide-based copolymers. Green Chemistry, 2018, 20, 4012-4022.	4.6	16
6	Biochemical characterization of Arabidopsis thaliana starch branching enzyme 2.2 reveals an enzymatic positive cooperativity. Biochimie, 2017, 140, 146-158.	1.3	9
7	Characterization of hyperbranched glycopolymers produced in vitro using enzymes. Analytical and Bioanalytical Chemistry, 2014, 406, 1607-1618.	1.9	21
8	Exploring chloroplastic changes related to chilling and freezing tolerance during cold acclimation of pea (Pisum sativum L.). Journal of Proteomics, 2013, 80, 145-159.	1.2	48
9	Characterization of substrate and product specificity of the purified recombinant glycogen branching enzyme of Rhodothermus obamensis. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2167-2177.	1.1	63
10	In Vitro Synthesis of Hyperbranched Î±-Glucans Using a Biomimetic Enzymatic Toolbox. Biomacromolecules, 2013, 14, 438-447.	2.6	33
11	Proteins from Multiple Metabolic Pathways Associate with Starch Biosynthetic Enzymes in High Molecular Weight Complexes: A Model for Regulation of Carbon Allocation in Maize Amyloplasts. Plant Physiology, 2009, 149, 1541-1559.	2.3	188
12	Proteome and phosphoproteome analysis of starch granule-associated proteins from normal maize and mutants affected in starch biosynthesis. Journal of Experimental Botany, 2008, 59, 3395-3406.	2.4	136