Florent Grimaud

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7475074/publications.pdf

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12	586	840776 11	1199594 12
papers	citations	h-index	g-index

13	13	13	792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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 Â Â Â. Plant Physiology, 2009, 149, 1541-1559.	4.8	188
2	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.	4.8	136
3	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.	2.4	63
4	Exploring chloroplastic changes related to chilling and freezing tolerance during cold acclimation of pea (Pisum sativum L.). Journal of Proteomics, 2013, 80, 145-159.	2.4	48
5	In Vitro Synthesis of Hyperbranched Î±-Glucans Using a Biomimetic Enzymatic Toolbox. Biomacromolecules, 2013, 14, 438-447.	5.4	33
6	A dextran with unique rheological properties produced by the dextransucrase from Oenococcus kitaharae DSM 17330. Carbohydrate Polymers, 2018, 179, 10-18.	10.2	26
7	Characterization of hyperbranched glycopolymers produced in vitro using enzymes. Analytical and Bioanalytical Chemistry, 2014, 406, 1607-1618.	3.7	21
8	In Vitro Synthesis and Crystallization of Î²-1,4-Mannan. Biomacromolecules, 2019, 20, 846-853.	5.4	17
9	Enzymatic synthesis of polysaccharide-based copolymers. Green Chemistry, 2018, 20, 4012-4022.	9.0	16
10	Crystal and molecular structure of V-amylose complexed with ibuprofen. Carbohydrate Polymers, 2021, 261, 117885.	10.2	16
11	Macromolecular structure and film properties of enzymatically-engineered high molar mass dextrans. Carbohydrate Polymers, 2018, 181, 337-344.	10.2	12
12	Biochemical characterization of Arabidopsis thaliana starch branching enzyme 2.2 reveals an enzymatic positive cooperativity. Biochimie, 2017, 140, 146-158.	2.6	9