Eiji Suzuki

List of Publications by Year
in descending order

14	597	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyanobacterial branching enzymes bind to Î±-glucan via surface binding sites. Archives of Biochemistry and Biophysics, 2021, 702, 108821.	3.0	4
2	Structure and Function of Branching Enzymes in Eukaryotes. Trends in Glycoscience and Glycotechnology, 2020, 32, E21-E30.	0.1	5
3	Bound Substrate in the Structure of Cyanobacterial Branching Enzyme Supports a New Mechanistic Model. Journal of Biological Chemistry, 2017, 292, 5465-5475.	3.4	48
4	Distribution of glucan-branching enzymes among prokaryotes. Cellular and Molecular Life Sciences, 2016, 73, 2643-2660.	5.4	44
5	Characterization of Function of the GlgA2 Glycogen/Starch Synthase in Cyanobacterium sp. Clg1 Highlights Convergent Evolution of Glycogen Metabolism into Starch Granule Aggregation. Plant Physiology, 2016, 171, 1879-1892.	4.8	15
6	Crystallization and crystallographic analysis of branching enzymes fromCyanothecesp. ATCC 51142. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 1109-1113.	0.8	15
7	Functional characterization of three (GH13) branching enzymes involved in cyanobacterial starch biosynthesis from Cyanobacterium sp. NBRC 102756. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 476-484.	2.3	22
8	Diversity of reaction characteristics of glucan branching enzymes and the fine structure of Î±-glucan from various sources. Archives of Biochemistry and Biophysics, 2014, 562, 9-21.	3.0	60
9	Physicochemical Variation of Cyanobacterial Starch, the Insoluble Î±-Glucans in Cyanobacteria. Plant and Cell Physiology, 2013, 54, 465-473.	3.1	24
10	Convergent Evolution of Polysaccharide Debranching Defines a Common Mechanism for Starch Accumulation in Cyanobacteria and Plants. Plant Cell, 2013, 25, 3961-3975.	6.6	21
11	Variation of Storage Polysaccharides in Phototrophic Microorganisms. Journal of Applied Glycoscience (1999), 2013, 60, 21-27.	0.7	41
12	Metabolic Symbiosis and the Birth of the Plant Kingdom. Molecular Biology and Evolution, 2008, 25, 536-548.	8.9	153
13	Role of the GlgX protein in glycogen metabolism of the cyanobacterium, Synechococcus elongatus PCC 7942. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 763-773.	2.4	38
14	Some Cyanobacteria Synthesize Semi-amylopectin Type Î±-Polyglucans Instead of Glycogen. Plant and Cell Physiology, 2005, 46, 539-545.	3.1	107