

# Magali Remaud-Simeon

## List of Publications by Year in descending order

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152  
papers

6,255  
citations

50276

46  
h-index

88630

70  
g-index

153  
all docs

153  
docs citations

153  
times ranked

3982  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the C domain in the thermostability of GH70 enzymes investigated by domain swapping. <i>Amylase</i> , 2022, 6, 11-19.	1.6	0
2	Convergent Chemoenzymatic Strategy to Deliver a Diversity of <i>Shigella flexneri</i> Serotype-Specific O-Antigen Segments from a Unique Lightly Protected Tetrasaccharide Core. <i>Journal of Organic Chemistry</i> , 2021, 86, 2058-2075.	3.2	13
3	Redirecting substrate regioselectivity using engineered <sup>13</sup> C-N123-GBD-CD2 branching sucrases for the production of pentasaccharide repeating units of <i>S. flexneri</i> 3a, 4a and 4b haptens. <i>Scientific Reports</i> , 2021, 11, 2474.	3.3	6
4	Natural and engineered transglycosylases: Green tools for the enzyme-based synthesis of glycoproducts. <i>Current Opinion in Chemical Biology</i> , 2021, 61, 96-106.	6.1	19
5	Enzymatic synthesis of phlorizin fructosides. <i>Enzyme and Microbial Technology</i> , 2021, 147, 109783.	3.2	5
6	Bacterial $\alpha$ -Glucan and Branching Sucrases from GH70 Family: Discovery, Structure-Function Relationship Studies and Engineering. <i>Microorganisms</i> , 2021, 9, 1607.	3.6	19
7	Computer-aided engineering of a branching sucrose for the glucodiversification of a tetrasaccharide precursor of <i>S. flexneri</i> antigenic oligosaccharides. <i>Scientific Reports</i> , 2021, 11, 20294.	3.3	3
8	A specific oligosaccharide-binding site in the alternansucrase catalytic domain mediates alternan elongation. <i>Journal of Biological Chemistry</i> , 2020, 295, 9474-9489.	3.4	9
9	Processivity of dextransucrases synthesizing very-high-molar-mass dextran is mediated by sugar-binding pockets in domain V. <i>Journal of Biological Chemistry</i> , 2020, 295, 5602-5613.	3.4	9
10	One-pot bi-enzymatic cascade synthesis of puerarin polyfructosides. <i>Carbohydrate Polymers</i> , 2020, 247, 116710.	10.2	9
11	Synthetic Derivatives of (+)- <i>epi</i> - $\alpha$ -Bisabolol Are Formed by Mammalian Cytochromes P450 Expressed in a Yeast Reconstituted Pathway. <i>ACS Synthetic Biology</i> , 2020, 9, 368-380.	3.8	10
12	Laccases from Marine Organisms and Their Applications in the Biodegradation of Toxic and Environmental Pollutants: a Review. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 583-611.	2.9	42
13	An eco-design approach for an innovative production process of low molar mass dextran. <i>Green Chemistry</i> , 2019, 21, 4512-4531.	9.0	5
14	Deciphering an Undecided Enzyme: Investigations of the Structural Determinants Involved in the Linkage Specificity of Alternansucrase. <i>ACS Catalysis</i> , 2019, 9, 2222-2237.	11.2	27
15	Futile Encounter Engineering of the DSR-M Dextransucrase Modifies the Resulting Polymer Length. <i>Biochemistry</i> , 2019, 58, 2853-2859.	2.5	15
16	Harnessing glycoenzyme engineering for synthesis of bioactive oligosaccharides. <i>Interface Focus</i> , 2019, 9, 20180069.	3.0	37
17	Neutral Genetic Drift-Based Engineering of a Sucrose-Utilizing Enzyme toward Glycodiversification. <i>ACS Catalysis</i> , 2019, 9, 1241-1252.	11.2	15
18	Fructosylation of phenolic compounds by levansucrase from <i>Gluconacetobacter diazotrophicus</i> . <i>Enzyme and Microbial Technology</i> , 2019, 122, 19-25.	3.2	17

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19	Macromolecular structure and film properties of enzymatically-engineered high molar mass dextrans. <i>Carbohydrate Polymers</i> , 2018, 181, 337-344.	10.2	12
20	A dextran with unique rheological properties produced by the dextransucrase from <i>Oenococcus oeni</i> DSM 17330. <i>Carbohydrate Polymers</i> , 2018, 179, 10-18.	10.2	26
21	Engineering a branching sucrose for flavonoid glucoside diversification. <i>Scientific Reports</i> , 2018, 8, 15153.	3.3	15
22	Enzymatic synthesis of polysaccharide-based copolymers. <i>Green Chemistry</i> , 2018, 20, 4012-4022.	9.0	16
23	A generic HTS assay for kinase screening: Validation for the isolation of an engineered malate kinase. <i>PLoS ONE</i> , 2018, 13, e0193036.	2.5	3
24	Functionalization of natural compounds by enzymatic fructosylation. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5223-5234.	3.6	13
25	Engineering of an efficient mutant of <i>Neisseria polysaccharia</i> amylosucrase for the synthesis of controlled size maltooligosaccharides. <i>Carbohydrate Polymers</i> , 2017, 173, 403-411.	10.2	7
26	Novel product specificity toward erlose and panose exhibited by multisite engineered mutants of amylosucrase. <i>Protein Science</i> , 2017, 26, 566-577.	7.6	7
27	Investigations on the Determinants Responsible for Low Molar Mass Dextran Formation by DSR-M Dextransucrase. <i>ACS Catalysis</i> , 2017, 7, 7106-7119.	11.2	37
28	Engineering of <i>Candida antarctica</i> lipase B for poly( $\epsilon$ -caprolactone) synthesis. <i>European Polymer Journal</i> , 2017, 95, 809-819.	5.4	17
29	Isolation and chemoenzymatic treatment of glycoalkaloids from green, sprouting and rotting <i>Solanum tuberosum</i> potatoes for solanidine recovery. <i>Food Chemistry</i> , 2017, 220, 257-265.	8.2	32
30	Evaluation of dough rheological properties and bread texture of pearl millet-wheat flour mix. <i>Journal of Food Science and Technology</i> , 2016, 53, 2061-2066.	2.8	22
31	GH13 amylosucrases and GH70 branching sucrases, atypical enzymes in their respective families. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2661-2679.	5.4	44
32	Structural Insights into the Carbohydrate Binding Ability of an $\alpha$ -(1 $\rightarrow$ 2) Branching Sucrose from Glycoside Hydrolase Family 70. <i>Journal of Biological Chemistry</i> , 2016, 291, 7527-7540.	3.4	23
33	Characterization of the First $\alpha$ -(1 $\rightarrow$ 3) Branching Sucrases of the GH70 Family. <i>Journal of Biological Chemistry</i> , 2016, 291, 7687-7702.	3.4	45
34	A Robust and Efficient Production and Purification Procedure of Recombinant Alzheimer's Disease Methionine-Modified Amyloid- $\beta$ Peptides. <i>PLoS ONE</i> , 2016, 11, e0161209.	2.5	8
35	Inventory of the GH70 enzymes encoded by <i>Leuconostoc citreum</i> NRRL-1299: identification of three novel $\alpha$ -transglucosylases. <i>FEBS Journal</i> , 2015, 282, 2115-2130.	4.7	49
36	Overview of the glucansucrase equipment of <i>Leuconostoc citreum</i> LBAE-E16 and LBAE-C11, two strains isolated from sourdough. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-8.	1.8	11

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37	Programmed chemo-enzymatic synthesis of the oligosaccharide component of a carbohydrate-based antibacterial vaccine candidate. <i>Chemical Communications</i> , 2015, 51, 2581-2584.	4.1	20
38	A highly thermostable lichenase from <i>Bacillus</i> sp. UEB-S: Biochemical and molecular characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 115, 8-12.	1.8	4
39	Computer-Aided Engineering of a Transglycosylase for the Glucosylation of an Unnatural Disaccharide of Relevance for Bacterial Antigen Synthesis. <i>ACS Catalysis</i> , 2015, 5, 1186-1198.	11.2	26
40	Polymeric Iminosugars Improve the Activity of Carbohydrate-Processing Enzymes. <i>Bioconjugate Chemistry</i> , 2015, 26, 766-772.	3.6	40
41	Investigation on the Synthesis of <i>Shigella flexneri</i> Specific Oligosaccharides Using Disaccharides as Potential Transglycosylase Acceptor Substrates. <i>Journal of Organic Chemistry</i> , 2015, 80, 11237-11257.	3.2	6
42	Exopolysaccharide (EPS) Synthesis by <i>Oenococcus oeni</i> : From Genes to Phenotypes. <i>PLoS ONE</i> , 2014, 9, e98898.	2.5	65
43	Extending the Structural Diversity of Flavonoid Glycosides with Engineered Glucansucrases. <i>ChemCatChem</i> , 2014, 6, 2282-2291.	3.7	28
44	Complete Genome Sequence of <i>Leuconostoc citreum</i> Strain NRRL B-742. <i>Genome Announcements</i> , 2014, 2, .	0.8	8
45	Real-Time Monitoring of Dextranucrase-Based Enzymatic Reaction Through Surface-Enhanced Ellipsometric Contrast (SEEC) Microscopy in Liquid Environment. <i>BioNanoScience</i> , 2014, 4, 37-45.	3.5	2
46	Optimizing the production of an $\alpha$ -1,2 branching sucrose in <i>Escherichia coli</i> using statistical design. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5173-5184.	3.6	15
47	CAZyme discovery and design for sweet dreams. <i>Current Opinion in Chemical Biology</i> , 2014, 19, 17-24.	6.1	74
48	Production of stable isotope labelled lipase Lip2 from <i>Yarrowia lipolytica</i> for NMR: Investigation of several expression systems. <i>Protein Expression and Purification</i> , 2014, 101, 14-20.	1.3	6
49	Essential role of amino acid position 226 in oligosaccharide elongation by amylosucrase from <i>Neisseria polysaccharea</i> . <i>Biotechnology and Bioengineering</i> , 2014, 111, 1719-1728.	3.3	15
50	Chapter 28. Successes in engineering glucansucrases to enhance glycodiversification. <i>Carbohydrate Chemistry</i> , 2014, , 624-645.	0.3	12
51	A laundry detergent compatible lichenase: Statistical optimization for production under solid state fermentation on crude millet. <i>Industrial Crops and Products</i> , 2013, 43, 349-354.	5.2	11
52	Branching pattern of gluco-oligosaccharides and 1.5kDa dextran grafted by the $\alpha$ -1,2 branching sucrose GBD-CD2. <i>Carbohydrate Polymers</i> , 2013, 94, 567-576.	10.2	14
53	Characterization of a novel dextranucrase from <i>Weissella confusa</i> isolated from sourdough. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5413-5422.	3.6	60
54	The structure of amylosucrase from <i>Deinococcus radiodurans</i> has an unusual open active-site topology. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 973-978.	0.7	23

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55	Probing Substrate Promiscuity of Amylosucrase from <i>Neisseria polysaccharea</i> . ChemCatChem, 2013, 5, 2288-2295.	3.7	19
56	Probing impact of active site residue mutations on stability and activity of <i>Neisseria polysaccharea</i> amylosucrase. Protein Science, 2013, 22, 1754-1765.	7.6	23
57	Combinatorial Engineering of Dextranase Specificity. PLoS ONE, 2013, 8, e77837.	2.5	18
58	Functional Metagenomics Reveals Novel Pathways of Prebiotic Breakdown by Human Gut Bacteria. PLoS ONE, 2013, 8, e72766.	2.5	78
59	Functional and Structural Characterization of $\alpha$ -1,2 Branching Sucrase Derived from DSR-E Glucanase. Journal of Biological Chemistry, 2012, 287, 7915-7924.	3.4	78
60	Genome Sequences of Three <i>Leuconostoc citreum</i> Strains, LBAE C10, LBAE C11, and LBAE E16, Isolated from Wheat Sourdoughs. Journal of Bacteriology, 2012, 194, 1610-1611.	2.2	22
61	Genome Sequence of <i>Weissella confusa</i> LBAE C39-2, Isolated from a Wheat Sourdough. Journal of Bacteriology, 2012, 194, 1608-1609.	2.2	25
62	Structural Investigation of the Thermostability and Product Specificity of Amylosucrase from the Bacterium <i>Deinococcus geothermalis</i> . Journal of Biological Chemistry, 2012, 287, 6642-6654.	3.4	55
63	Sucrose analogs: an attractive (bio)source for glycodiversification. Natural Product Reports, 2012, 29, 945.	10.3	40
64	Applying Pairwise Combinations of Amino Acid Mutations for Sorting Out Highly Efficient Glucosylation Tools for Chemo-Enzymatic Synthesis of Bacterial Oligosaccharides. Journal of the American Chemical Society, 2012, 134, 18677-18688.	13.7	48
65	Structure and Property Engineering of $\alpha$ -D-Glucans Synthesized by Dextranase Mutants. Biomacromolecules, 2012, 13, 187-195.	5.4	26
66	NMR-Based Structural Glycomics for High-Throughput Screening of Carbohydrate-Active Enzyme Specificity. Analytical Chemistry, 2011, 83, 1202-1206.	6.5	28
67	A novel dextranase is produced by <i>Leuconostoc citreum</i> strain B/110-1-2: an isolate used for the industrial production of dextran and dextran derivatives. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1499-1506.	3.0	13
68	Isolation of a Gene from <i>Leuconostoc citreum</i> B/110-1-2 Encoding a Novel Dextranase Enzyme. Current Microbiology, 2011, 62, 1260-1266.	2.2	19
69	A mixed molecular modeling robotics approach to investigate lipase large molecular motions. Proteins: Structure, Function and Bioinformatics, 2011, 79, 2517-2529.	2.6	17
70	In Vitro Fermentation of Linear and $\alpha$ -1,2-Branched Dextran by the Human Fecal Microbiota. Applied and Environmental Microbiology, 2011, 77, 5307-5315.	3.1	84
71	A pH-Based High-Throughput Screening of Sucrose-Utilizing Transglucosidases for the Development of Enzymatic Glucosylation Tools. ChemCatChem, 2010, 2, 969-975.	3.7	8
72	Synthesis of dextran with controlled amounts of $\alpha$ -1,2 linkages using the transglucosidase GBD $\alpha$ -CD2. Applied Microbiology and Biotechnology, 2010, 86, 545-554.	3.6	33

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73	Characterization of glucan-producing <i>Leuconostoc</i> strains isolated from sourdough. <i>International Journal of Food Microbiology</i> , 2010, 144, 1-9.	4.7	62
74	Characterization of dextran-producing <i>Weissella</i> strains isolated from sourdoughs and evidence of constitutive dextranase expression. <i>FEMS Microbiology Letters</i> , 2010, 311, 18-26.	1.8	89
75	Functional metagenomics to mine the human gut microbiome for dietary fiber catabolic enzymes. <i>Genome Research</i> , 2010, 20, 1605-1612.	5.5	228
76	New Efficient Recombinant Expression System To Engineer <i>Candida antarctica</i> Lipase B. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2684-2687.	3.1	44
77	Transglucosidases as efficient tools for oligosaccharide and glucoconjugate synthesis. <i>Current Opinion in Microbiology</i> , 2010, 13, 293-300.	5.1	61
78	Sucrose-Utilizing Transglucosidases for Biocatalysis. <i>Topics in Current Chemistry</i> , 2010, 294, 25-48.	4.0	48
79	Control of Lipase Enantioselectivity by Engineering the Substrate Binding Site and Access Channel. <i>ChemBioChem</i> , 2009, 10, 2760-2771.	2.6	46
80	Insights into lid movements of <i>Burkholderia cepacia</i> lipase inferred from molecular dynamics simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 509-523.	2.6	88
81	The apo structure of sucrose hydrolase from <i>Xanthomonas campestris</i> pv. <i>campestris</i> shows an open active-site groove. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009, 65, 1309-1314.	2.5	6
82	Design of $\pm$ -Transglucosidases of Controlled Specificity for Programmed Chemoenzymatic Synthesis of Antigenic Oligosaccharides. <i>Journal of the American Chemical Society</i> , 2009, 131, 7379-7389.	13.7	64
83	Synthesis of L-Rhamnose and N -Acetyl-D-Glucosamine Derivatives Entering in the Composition of Bacterial Polysaccharides by Use of Glucanases. <i>Journal of Carbohydrate Chemistry</i> , 2009, 28, 142-160.	1.1	14
84	Biodiversity of Exopolysaccharides Produced from Sucrose by Sourdough Lactic Acid Bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10889-10897.	5.2	160
85	Combinatorial engineering to enhance thermostability of amylosucrase. <i>Protein Science</i> , 2008, 17, 967-976.	7.6	33
86	Cloning, purification and characterization of a thermostable amylosucrase from <i>Deinococcus geothermalis</i> . <i>FEMS Microbiology Letters</i> , 2008, 285, 25-32.	1.8	41
87	A Structure-Controlled Investigation of Lipase Enantioselectivity by a Path-Planning Approach. <i>ChemBioChem</i> , 2008, 9, 1308-1317.	2.6	35
88	One-step synthesis of isomalto-oligosaccharide syrups and dextrans of controlled size using engineered dextranase. <i>Biocatalysis and Biotransformation</i> , 2008, 26, 141-151.	2.0	18
89	Small-Scale Production of <i>Burkholderia cepacia</i> ATCC21808 Lipase Adapted to High-Throughput Screening. <i>Journal of Biomolecular Screening</i> , 2008, 13, 72-79.	2.6	4
90	Optimized and Automated Protocols for High-Throughput Screening of Amylosucrase Libraries. <i>Journal of Biomolecular Screening</i> , 2007, 12, 715-723.	2.6	22

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91	Search for a dextranase minimal motif involved in dextran binding. FEBS Letters, 2007, 581, 4675-4680.	2.8	12
92	Crystal structure of the Glu328Gln mutant of <i>Neisseria polysaccharea</i> amylosucrase in complex with sucrose and maltoheptaose. Biocatalysis and Biotransformation, 2006, 24, 99-105.	2.0	12
93	$\alpha$ -D-Glucan-Based Dendritic Nanoparticles Prepared by in Vitro Enzymatic Chain Extension of Glycogen. Biomacromolecules, 2006, 7, 1720-1728.	5.4	72
94	Construction of a fully active truncated alternansucrase partially deleted of its carboxy-terminal domain. FEBS Letters, 2006, 580, 763-768.	2.8	41
95	Towards the molecular understanding of glycogen elongation by amylosucrase. Proteins: Structure, Function and Bioinformatics, 2006, 66, 118-126.	2.6	21
96	High-level production and purification of a fully active recombinant dextranase from <i>Leuconostoc mesenteroides</i> NRRL B-512F. FEMS Microbiology Letters, 2006, 261, 203-210.	1.8	28
97	Increased amylosucrase activity and specificity, and identification of regions important for activity, specificity and stability through molecular evolution. FEBS Journal, 2006, 273, 673-681.	4.7	35
98	<i>Leuconostoc mesenteroides</i> glucansucrase synthesis of flavonoid glucosides by acceptor reactions in aqueous-organic solvents. Carbohydrate Research, 2006, 341, 855-863.	2.3	70
99	Glucansucrases of GH family 70: What are the determinants of their specificities?. Biocatalysis and Biotransformation, 2006, 24, 137-145.	2.0	4
100	Understanding the Polymerization Mechanism of Glycoside-Hydrolase Family 70 Glucansucrases. Journal of Biological Chemistry, 2006, 281, 31254-31267.	3.4	119
101	Understanding the Polymerization Mechanism of Glycoside-Hydrolase Family 70 Glucansucrases. Journal of Biological Chemistry, 2006, 281, 31254-31267.	3.4	19
102	A novel family of glucosyl 1,5-anhydro-d-fructose derivatives synthesised by transglucosylation with dextranase from <i>Leuconostoc mesenteroides</i> NRRL B-512F. Carbohydrate Research, 2005, 340, 395-401.	2.3	24
103	Prebiotic effects of oligosaccharides on selected vaginal lactobacilli and pathogenic microorganisms. Anaerobe, 2005, 11, 145-153.	2.1	80
104	Role of the Two Catalytic Domains of DSR-E Dextranase and Their Involvement in the Formation of Highly $\alpha$ -1,2 Branched Dextran. Journal of Bacteriology, 2005, 187, 296-303.	2.2	67
105	Amylose Synthesized in Vitro by Amylosucrase: Morphology, Structure, and Properties. Biomacromolecules, 2005, 6, 1000-1011.	5.4	119
106	Characterisation of a novel amylosucrase from <i>Deinococcus radiodurans</i> . FEBS Letters, 2005, 579, 1405-1410.	2.8	53
107	Molecular Basis of the Amylose-like Polymer Formation Catalyzed by <i>Neisseria polysaccharea</i> Amylosucrase. Journal of Biological Chemistry, 2004, 279, 726-734.	3.4	96
108	Conserved Repeat Motifs and Glucan Binding by Glucansucrases of Oral Streptococci and <i>Leuconostoc mesenteroides</i> . Journal of Bacteriology, 2004, 186, 8301-8308.	2.2	44



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109	Capillary electrophoresis analysis of glucooligosaccharide regioisomers. <i>Electrophoresis</i> , 2004, 25, 861-869.	2.4	20
110	Geometric algorithms for the conformational analysis of long protein loops. <i>Journal of Computational Chemistry</i> , 2004, 25, 956-967.	3.3	86
111	Crystal Structure of the Covalent Intermediate of Amylosucrase from <i>Neisseria polysaccharea</i> . <i>Biochemistry</i> , 2004, 43, 3104-3110.	2.5	67
112	Combinatorial engineering to enhance amylosucrase performance: construction, selection, and screening of variant libraries for increased activity. <i>FEBS Letters</i> , 2004, 560, 91-97.	2.8	68
113	Lipase-catalyzed enantioselective transesterification toward esters of 2-bromo-tolylacetic acids. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 317-323.	1.8	32
114	Towards a novel explanation of <i>Pseudomonas cepacia</i> lipase enantioselectivity via molecular modelling of the enantiomer trajectory into the active site. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1807-1817.	1.8	41
115	Glucosylation of $\alpha$ -butyl- and $\alpha$ -octyl-d-glucopyranosides by dextranucrase and alternansucrase from <i>Leuconostoc mesenteroides</i> . <i>Carbohydrate Research</i> , 2003, 338, 855-864.	2.3	38
116	Encapsulation in LentiKats of Dextranucrase from <i>Leuconostoc mesenteroides</i> NRRL B-1299, and its Effect on Product Selectivity. <i>Biocatalysis and Biotransformation</i> , 2003, 21, 325-331.	2.0	32
117	Rational and Combinatorial Engineering of the Glucan Synthesizing Enzyme Amylosucrase. <i>Biocatalysis and Biotransformation</i> , 2003, 21, 271-277.	2.0	4
118	Oligosaccharide and Sucrose Complexes of Amylosucrase. <i>Journal of Biological Chemistry</i> , 2002, 277, 47741-47747.	3.4	83
119	Molecular Characterization of DSR-E, an $\alpha$ -1,2 Linkage-Synthesizing Dextranucrase with Two Catalytic Domains. <i>Journal of Bacteriology</i> , 2002, 184, 5753-5761.	2.2	87
120	Maltooligosaccharide disproportionation reaction: an intrinsic property of amylosucrase from <i>Neisseria polysaccharea</i> . <i>FEBS Letters</i> , 2002, 527, 67-70.	2.8	25
121	Homopolysaccharides from lactic acid bacteria. <i>International Dairy Journal</i> , 2001, 11, 675-685.	3.0	284
122	Crystal Structures of Amylosucrase from <i>Neisseria polysaccharea</i> in Complex with d-Glucose and the Active Site Mutant Glu328Gln in Complex with the Natural Substrate Sucrose. <i>Biochemistry</i> , 2001, 40, 9032-9039.	2.5	85
123	Resolution of 2-bromo-o-tolyl-carboxylic acid by transesterification using lipases from <i>Rhizomucor miehei</i> and <i>Pseudomonas cepacia</i> . <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2473-2480.	1.8	14
124	Factors affecting $\alpha$ -1,2 glucooligosaccharide synthesis by <i>Leuconostoc mesenteroides</i> NRRL B-1299 dextranucrase. <i>Biotechnology and Bioengineering</i> , 2001, 74, 498-504.	3.3	23
125	Reactor optimization for $\alpha$ -1,2 glucooligosaccharide synthesis by immobilized dextranucrase. <i>Biotechnology and Bioengineering</i> , 2001, 75, 276-284.	3.3	13
126	Novel oligosaccharides synthesized from sucrose donor and cellobiose acceptor by alternansucrase. <i>Carbohydrate Research</i> , 2001, 331, 403-411.	2.3	52



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127	Amylosucrase, a Glucan-synthesizing Enzyme from the Î±-Amylase Family. Journal of Biological Chemistry, 2001, 276, 25273-25278.	3.4	135
128	Crystallization and preliminary X-ray studies of recombinant amylosucrase from <i>Neisseria polysaccharea</i> . Acta Crystallographica Section D: Biological Crystallography, 2000, 56, 203-205.	2.5	24
129	Sequence analysis of the gene encoding alternansucrase, a sucrose glucosyltransferase from <i>Leuconostoc mesenteroides</i> NRRL B-1355. FEMS Microbiology Letters, 2000, 182, 81-85.	1.8	65
130	Characterisation of the activator effect of glycogen on amylosucrase from <i>Neisseria polysaccharea</i> . FEMS Microbiology Letters, 2000, 186, 103-108.	1.8	41
131	Glucansucrases: molecular engineering and oligosaccharide synthesis. Journal of Molecular Catalysis B: Enzymatic, 2000, 10, 117-128.	1.8	100
132	Amylosucrase from <i>Neisseria polysaccharea</i> : novel catalytic properties. FEBS Letters, 2000, 471, 219-223.	2.8	133
133	Identification of key amino acid residues in <i>Neisseria polysaccharea</i> amylosucrase. FEBS Letters, 2000, 474, 33-37.	2.8	43
134	Sequence Analysis of the Gene Encoding Amylosucrase from <i>Neisseria polysaccharea</i> and Characterization of the Recombinant Enzyme. Journal of Bacteriology, 1999, 181, 375-381.	2.2	111
135	Induction and Transcription Studies of the Dextranucrase Gene in <i>Leuconostoc mesenteroides</i> NRRL B-512F. Applied and Environmental Microbiology, 1999, 65, 5504-5509.	3.1	47
136	Title is missing!. Biotechnology Letters, 1999, 13, 749-755.	0.5	30
137	Kinetic modeling of oligosaccharide synthesis catalyzed by <i>Leuconostoc mesenteroides</i> NRRL B-1299 dextranucrase. , 1999, 63, 308-315.		14
138	Cloning and sequencing of a gene coding for an extracellular dextranucrase (DSRB) from <i>Leuconostoc mesenteroides</i> NRRL B-1299 synthesizing only a Î±(1-6) glucan. FEMS Microbiology Letters, 1998, 159, 307-315.	1.8	44
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