Other

Title	**Effect of a Food Containing Auraptene on Core Body Temperature, Serum Osmolarity and Thermal Sensation under Hot and Humid Environment-A Randomized, Double-blind, Placebo-controlled, Crossover Study-**
Publication (year)	Japanese pharmacology & therapeutics. Suppl. 51, Issue 9, 1341 - 1353 (2023)
Author	T. Iwasawa, et. al.

Title	**Comparison of the effects of high-carbohydrate and low-carbohydrate meals on drowsiness and biological indices**
Publication (year)	Food Science and Technology Research. 29, 521-532 (2023)
Author	Sakai N, Yamamoto K, Kawabata H.

Title	**Human Gut Microbiota and Its Metabolites Impact Immune Responses in COVID-19 and Its Complications**
Publication (year)	Published online September 22, 2022 Gastroenterology 164, 272–288(2023)
Author	Ryo Aoki, Tomohiko Nishijima, Hiroshi Inooka

Title	**Improvements in extraction yield by solid phase lipid extraction from liquid infant formula and human milk, and the fatty acid distribution in milk TAG analyzed by joint JOCS/AOCS official method Ch 3a-19**
Publication (year)	Frontiers in Nutrition 9, 970837(2022)
Author	Yomi Watanabe, Motoko Hirokawa, Arisa Furukawa, Lisa Kawasaki, Hiroko Takumi, Araki Masuyama

Title	**Population-level Metagenomics Uncovers Distinct Effects of Multiple Medications on the Human Gut Microbiome**
Publication (year)	Gastroenterology. 163, 1038-1052 (2022)
Author	N. Nagata, S. Nishijima, T. Miyoshi-Akiyama, Y. Kojima, M.o Kimura, R. Aoki, M. Ohsugi, K. Ueki, K. Miki, E.i Iwata, K. Hayakawa, N. Ohmagari, S. Oka, M. Mizokami, T. Itoi, T. Kawai, N. Uemura, M. Hattori

Title	**Analysis of Fatty Acid Esters of Hydroxyl Fatty Acid in Nut Oils and Other Plant Oils**
Publication (year)	Journal of Oleo Science. 70, 1707-1717 (2021)
Author	Hiroko Takumi, Kazuko Kato, Hiroshi Kamasaka, Takashi Kuriki

Title	**The Effect of Biting Stick-type Confectionaries with the Front Teeth on Brain Activity**
Publication (year)	Journal of the Japanese Society for Food Science and Technology 64, 263-268 (2017)
Author	H. Takata, et al.

Title	**Synthesis and Application of Glucan Dendrimers**
Publication (year)	Bulletin of applied glycoscience 6, 109-116 (2016)
Author	M. Yanase, A. Kubo, R. Kakutani, T. Takaha, T. Kuriki, Y. Yuguchi, J. Kadokawa

Title	**E-starch, a Versatile Platform to Engineer Starch Functionality**
Publication (year)	Bulletin of applied glycoscience 6, 43-48 (2016)
Author	T. Ichihara, J. Fukuda, S. Takahashi, K. Kurita

Title	**Neuroprotective effect of water-dispersible hesperetin in retinal ischemia reperfusion injury**
Publication (year)	Japanese Journal of Ophthalmology 60, 51-61 (2016)
Author	A. Shimouchi, H. Yokota, S. Ono, C. Matsumoto, T. Tamai, H. Takumi, S. P. Narayanan, S. Kimura, H. Kobayashi and R. B. Caldwell

Title	**Synthesis of multivalent sialyllactosamine-carrying glyco-nanoparticles with high affinity to the human influenza virus hemagglutinin**
Publication (year)	Carbohydrate Polymers 153, 96-104 (2016)

Author	M. Ogata, S. Umemura, N. Sugiyama, N. Kuwano, A. Koizumi, T. Sawada, M. Yanase, T. Takaha, J.-i. Kadokawa and T. Usui

Title	**Comparison of chain-length preferences and glucan specificities of isoamylase-type α-glucan debranching enzymes from rice;cyanobacteria;and bacteria**
Publication (year)	PLOS ONE 11, e0157020 (2016)
Author	T. Kobayashi, S. Sasaki, Y. Utsumi, N. Fujita, K. Umeda, T. Sawada, A. Kubo, J.-i. Abe, C. Colleoni and S. Ball

Title	**Small-angle X-ray scattering measurements of gel produced from α-amylase-treated cassava starch granules**
Publication (year)	Food Hydrocolloids 55, 228-234 (2016)
Author	T. Ichihara, J. Fukuda, T. Takaha, S. Suzuki, Y. Yuguchi and S. Kitamura

Title	**Development of a New Phosphate Cross-linked Cassava Starch by Enzymatic Treatment**
Publication (year)	Nippon Shokuhin Kagaku Kogaku Kaishi 62, 207-211 (2015)
Author	T. Ichihara, J. Fukuda, S. Takahashi, T. Takaha, S. Kitamura

Title	**Changes of thioredoxin, oxidative stress markers, inflammation and muscle/renal damage following intensive endurance exercise**
Publication (year)	Exercise Immunology Review 21 (2015)
Author	K. Sugama, K. Suzuki, K. Yoshitani, K. Shiraishi, S. Miura, H. Yoshioka, Y. Mori and T. Kometani

Title	**Simultaneous ingestion of high-methoxy pectin from apple can enhance absorption of quercetin in human subjects**
Publication (year)	British Journal of Nutrition, 10 (2015)
Author	T. Nishijima, Y. Takida, Y. Saito, T. Ikeda and K. Iwai

Title	**α-Amylase Family: Concept Proposing and Industrial Applications**

Publication (year)	Bulletin of applied glycoscience 4, 17-22 (2014)
Author	T Kuriki

Title	**Basic Study and Industrial Manufacture of Carbohydrate Active Enzymes and Development of Novel Carbohydrate Materials**
Publication (year)	Bulletin of applied glycoscience 3, 56-60 (2013)
Author	K. Ohdan

Title	**Effect of Long-term Intalke of wx/ae Double Mutant Brown Rice on Human Lipid Metabolism**
Publication (year)	Journal of Japan Society of Nutrition and Food Science 66, 35-40 (2013)
Author	M. Nakamura, T. Ichihara, K. Kurita, T. Harui, A. Horino, A. Shojo, S. Miyatani, H. Hirai, S. Kitamura

Title	**Synthesis of highly branched anionic α-glucans by thermostable phosphorylase-catalyzed α-glucuronylation**
Publication (year)	Carbohydrate Research 366, 38-44 (2013)
Author	Y. Takemoto, H. Izawa, Y. Umegatani, K. Yamamoto, A. Kubo, M. Yanase, T. Takaha and J.-i. Kadokawa

Title	**Urinary excretion of cytokines versus their plasma levels after endurance exercise**
Publication (year)	Exercise Immunology Review 19, 29-48 (2013)
Author	K. Sugama, K. Suzuki, K. Yoshitani, K. Shiraishi and T. Kometani

Title	**Kestose, a prebiotic fructooligosaccharide, enhances intercellular tight junction recovery via a rho-associated kinase-dependent mechanism in intestinal Caco-2 cells**
Publication (year)	International Journal of Probiotics & Prebiotics 8, 53 (2013)
Author	T. Shirai, Y. Suzuki, K. Kamikado, Y. Koga and R. Aoki

Title	**A novel nano-capsule of α-lipoic acid as a template of core-shell structure constructed by self-assembly**
Publication (year)	Journal of Nanomedicine & Nanotechnology 4 (2013)
Author	H. Nishiura, K. Sugimoto, K. Akiyama, M. Musashi, Y. Kubota, T. Yokoyama, Y. Yamashita, T. Kuriki, and Y. Yamaguchi

Title	**Limited hydrolysis of insoluble cassava starch granules results in enhanced gelling properties**
Publication (year)	Journal of Applied Glycoscience 61, 15-20 (2013)
Author	T. Ichihara, J. Fukuda, T. Takaha, Y. Yuguchi and S. Kitamura

Title	**Determination of the CaL" Levelsand pH Conditionsthat Inhibit the Growth of PozPhyromonas .cringivalis and Suppress the Demineralizationof Tooth Enamel**
Publication (year)	JOURNAL OF DENTAL HEALTH 62, 397-402 (2012)
Author	D.Suzuki, D. Yoshimatsu, H. kamasaka, T. Kuriki, H. Miyazaki

Title	**Properties of a novel type of starch found in the double mutant “sweet wheat”**
Publication (year)	Carbohydrate Polymers 89, 1250-1260 (2012)
Author	P. L. Vrinten, T. Shimbata, M. Yanase, A. Sunohara, M. Saito, T. Inokuma, T. Takiya, T. Takaha and T. Nakamura

Title	**Enzymatic α-glucuronylation of maltooligosaccharides using α-glucuronic acid 1-phosphate as glycosyl donor catalyzed by a thermostable phosphorylase from Aquifex aeolicus VF5**
Publication (year)	Carbohydrate Research 350, 81-85 (2012)
Author	Y. Umegatani, H. Izawa, M. Nawaji, K. Yamamoto, A. Kubo, M. Yanase, T. Takaha and J.-i. Kadokawa

Title	**IL-17;neutrophil activation and muscle damage following endurance exercise**
Publication (year)	Exercise Immunology Review 18, (2012)
Author	K. Sugama, K. Suzuki, K. Yoshitani, K. Shiraishi and T. Kometani

Title	**Promotion of non-rapid eye movement sleep in mice after oral administration of ornithine**
Publication (year)	Sleep and Biological Rhythms 10, 38-45 (2012)
Author	K. Omori, Y. Kagami, C. Yokoyama, T. Moriyama, N. Matsumoto, M. Masaki, H. Nakamura, H. Kamasaka, K. Shiraishi and T. Kometani

Title	**Strategic approach in the practical use of industrial carbohydrate active enzymes**
Publication (year)	Journal of Applied Glycoscience 59, 71-74 (2012)
Author	K. Ohdan and T. Kuriki

Title	**Development and Functions of Amylose/Cellulose Composite Fiber, AMYCEL®**
Publication (year)	Annals of the High Performance Paper Society, Japan 50, 23-27 (2011)
Author	F. Higashiguchi, H. Sambe, Y. Terada, T. Takaha, M. Takaku, K. Tokuda, M. Taguchi, H. Yamaguchi, T. Kaiho

Title	**Inhibitory Effect of Crude-Drug Extracts on the Degranulation of Mast Cells (RBL- H)**
Publication (year)	Nippon Shokuhin Kagaku Kogaku Kaishi 58, 330-334 (2011)
Author	M. Asano, M. Dohi, K. Yazawa, T. Kometani, K. Takahashi

Title	**Structural basis for branching - enzyme activity of glycoside hydrolase family 57: Structure and stability studies of a novel branching enzyme from the hyperthermophilic archaeon Thermococcus kodakaraensis KOD1**
Publication (year)	Proteins: Structure, Function, and Bioinformatics 79, 547-557 (2011)
Author	C. R. Santos, C. C. Tonoli, D. M. Trindade, C. Betzel, H. Takata, T. Kuriki, T. Kanai, T. Imanaka, R. K. Arni and M. T. Murakami

Title	**Expression and characterization of rice disproportionating enzymes**
Publication (year)	Journal of Applied Glycoscience 58, 99-105 (2011)

Author	G. Akdogan, J. Kubota, A. Kubo, T. Takaha and S. Kitamura

Title	**Application of branching enzyme in starch processing**
Publication (year)	Biocatalysis and Biotransformation 28, 60-63 (2010)
Author	H. Takata, T. Akiyama, H. Kajiura, R. Kakutani, T. Furuyashiki, E. Tomioka, I. Kojima and T. Kuriki

Title	**Anticoagulant activity of enzymatically synthesized amylose derivatives containing carboxy or sulfonate groups**
Publication (year)	Acta Biomaterialia 6, 3138-3145 (2010)
Author	J.-i. Takahara, K. Hosoya, M. Sunako, S. Hirohara, K. Terada, T. Ando and M. Tanihara

Title	**Safety evaluation of amylomaltase from Thermus aquaticus**
Publication (year)	Regulatory Toxicology and Pharmacology 57, 62-69 (2010)
Author	S. Tafazoli, A. W. Wong, T. Akiyama, H. Kajiura, E. Tomioka, I. Kojima, H. Takata and T. Kuriki

Title	**Functions of heteromeric and homomeric isoamylase-type starch-debranching enzymes in developing maize endosperm**
Publication (year)	Plant Physiology 153, 956-969 (2010)
Author	A. Kubo, C. Colleoni, J. R. Dinges, Q. Lin, R. R. Lappe, J. G. Rivenbark, A. J. Meyer, S. G. Ball, M. G. James and T. A. Hennen-Bierwagen

Title	**Structure, physical, and digestive properties of starch from wx ae double-mutant rice**
Publication (year)	Journal of Agricultural and Food Chemistry 58, 4463-4469 (2010)
Author	A. Kubo, G. Akdogan, M. Nakaya, A. Shojo, S. Suzuki, H. Satoh and S. Kitamura

Title	**Production of novel bioactive compounds by enzymes;and their application to food**

Publication (year)	Pure and Applied Chemistry 82, 269-287 (2010)
Author	T. Kometani

Title	**Enzymatic Synthesis and Application of Linear, Branched and Cyclic Glucan**
Publication (year)	Nippon Shokuhin Kagaku Kogaku Kaishi 56, 551-557 (2009)
Author	T. Takaha

Title	**Chronic ingestion of apple pectin can enhance the absorption of quercetin**
Publication (year)	Journal of Agricultural and Food Chemistry 6 (2009)
Author	T. Nishijima, K. Iwai, Y. Saito, Y. Takida and H. Matsue

Title	**Psychological stress-reducing effect of chocolate enriched with γ-aminobutyric acid (GABA) in humans: assessment of stress using heart rate variability and salivary chromogranin A**
Publication (year)	International Journal of Food Sciences and Nutrition 60, 106-113 (2009)
Author	H. Nakamura, T. Takishima, T. Kometani and H. Yokogoshi

Title	**Identification of mycobacterial α-glucan as a novel ligand for DC-SIGN: involvement of mycobacterial capsular polysaccharides in host immune modulation**
Publication (year)	The Journal of Immunology 183, 5221-5231 (2009)
Author	J. Geurtsen, S. Chedammi, J. Mesters, M. Cot, N. N. Driessen, T. Sambou, R. Kakutani, R. Ummels, J. Maaskant and H. Takata

Title	**Application of Simultaneous Determination Method of Residual Veterinary Drugs to Processed Foods**
Publication (year)	Food Hygiene and Safety Science 49, 416-421 (2008)
Author	M. Fujita, W. Tamura, T. Tozawa, T. Kometani

Title	**Novel transglucosylating reaction of sucrose phosphorylase to carboxylic compounds**
Publication (year)	Journal of Applied Glycoscience 55, 119-125 (2008)
Author	K. Sugimoto, K. Nomura, H. Nishiura, K. Ohdan, H. Kamasaka, T. Nishimura, H. Hayashi, T Kuriki

Title	**Physical properties of the biscuit which can be easily triturated during mastication**
Publication (year)	Journal of Japanese Society for Mastication Science and Health Promotion 18, 112-121 (2008)
Author	H. Takumi, H. Nakamura, S. Fukuda, Y. Mizuki, H. Sumino, K. Shiraishi, T. Kometani, M. Morito and K. Shiozawa

Title	**Sucrose phosphorylases catalyze transglycosylation reactions on carboxylic acid compounds**
Publication (year)	Biologia 63, 1015 (2008)
Author	K. Sugimoto, K. Nomura, H. Nishiura, K. Ohdan, T. Nishimura, H. Hayashi and T. Kuriki

Title	**Glucosylation of acetic acid by sucrose phosphorylase**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 72, 82-87 (2008)
Author	K. Nomura, K. Sugimoto, H. Nishiura, K. Ohdan, T. Nishimura, H. Hayashi and T. Kuriki

Title	**Bioengineering and application of glucose polymers**
Publication (year)	Biocatalysis and Bioenergy 521 (2008)
Author	K. Hosoya, I. Kojima and T. Takaha

Title	**A formation mechanism for 8-hydroxy-2'-deoxyguanosine mediated by peroxidized 2'-deoxythymidine**
Publication (year)	Free Radical Biology and Medicine 45, 1318-1325 (2008)
Author	M. Goto, K. Ueda, T. Hashimoto, S. Fujiwara, K. Matsuyama, T. Kometani and K. Kanazawa

Title	**Developing and engineering enzymes for manufacturing amylose**
Publication (year)	Journal of Applied Glycoscience 54, 125-131 (2007)
Author	M. Yanase, T. Takaha, T. Kuriki

Title	**Phosphorylase coupling as a tool to convert cellobiose into amylose**
Publication (year)	Journal of Biotechnology 127, 496-502 (2007)
Author	K. Ohdan, K. Fujii, M. Yanase, T. Takaha and T. Kuriki

Title	**A Novel Branching Enzyme of the GH-57 Family**
Publication (year)	Journal of Applied Glycoscience 54, 119-124 (2007)
Author	T. Kanai, T. Murakami, H. Tanaka, T. Kuriki, and T. Imanaka

Title	**Novel transglucosylating reaction of sucrose phosphorylase to carboxylic compounds such as benzoic acid**
Publication (year)	Journal of Bioscience and Bioengineering 104, 22-29 (2007)
Author	K. Sugimoto, K. Nomura, H. Nishiura, K. Ohdan, H. Hayashi and T. Kuriki

Title	**Function of second glucan binding site including tyrosines 54 and 101 in Thermus aquaticus amylomaltase**
Publication (year)	Journal of Bioscience and Bioengineering 103, 167-173 (2007)
Author	K. Fujii, H. Minagawa, Y. Terada, T. Takaha, T. Kuriki, J. Shimada and H. Kaneko

Title	**Polysaccharide engineering using coupling reaction of phosphorylases**
Publication (year)	Cellulose Communications 13, 66-69 (2006)

Author	K. Ohdan and T. Takaha

Title	**α-Glucan phosphorylase and its use in carbohydrate engineering**
Publication (year)	Journal of the Science of Food and Agriculture 86, 1631-1635 (2006)
Author	M. Yanase, T. Takaha and T. Kuriki

Title	**Enzymatic synthesis of amylose**
Publication (year)	Biocatalysis and Biotransformation 24, 77-81 (2006)
Author	K. Ohdan, K. Fujii, M. Yanase, T. Takaha and T. Kuriki

Title	**Enhancing the thermal stability of sucrose phosphorylase from Streptococcus mutans by random mutagenesis**
Publication (year)	Journal of Applied Glycoscience 53, 91-97 (2006)
Author	K. Fujii, M. Iiboshi, M. Yanase, T. Takaha, T. Kuriki

Title	**The Effect of the Intake of Rice Crackers Containing Indigestible Dextrin on Postprandial Blood Glucose Levels in Healthy Adults** **— Studies on Cases of 80kcal Intake of Rice Crackers —**
Publication (year)	Journal of Urban Living and Health Association 2 (2006)
Author	S. Yamazaki, S. Fukuda, K, Shiraishi, Y. Izumi

Title	**A novel branching enzyme of the GH-57 family in the hyperthermophilic archaeon Thermococcus kodakaraensis KOD1**
Publication (year)	Journal of Bacteriology 188, 5915-5924 (2006)
Author	T. Murakami, T. Kanai, H. Takata, T. Kuriki and T. Imanaka

Title	**The concept of the α-amylase family: a rational tool for interconverting glucanohydrolases/glucanotransferases, and their specificities**

Publication (year)	Journal of Applied Glycoscience 53, 155-161 (2006)
Author	T. Kuriki, H. Takata, M. Yanase, K. Ohdan, K. Fujii, Y. Terada, T. Takaha, H. Hondoh, Y. Matsuura and T. Imanaka

Title	**The concept of the α-amylase family**
Publication (year)	Trends in Glycoscience and Glycotechnology 18, 137-145 (2006)
Author	T. Kuriki

Title	**Purification and structure determination of glucosides of capsaicin and dihydrocapsaicin from various capsicum fruits**
Publication (year)	Journal of Agricultural and Food Chemistry 54, 5948-5953 (2006)
Author	F. Higashiguchi, H. Nakamura, H. Hayashi and T. Kometani

Title	**Fiber Formation of the Enzymatically Synthesized Amylose**
Publication (year)	SEN'I GAKKAISHI 61, 261-266 (2005)
Author	H. Morishita, H. Yamane, T. Takaha, M. Sunako, J. Takahara

Title	**Cumulative effect of amino acid replacements results in enhanced thermostability of potato type L α-glucan phosphorylase**
Publication (year)	Applied and Environmental Microbiology 71, 5433-5439 (2005)
Author	M. Yanase, H. Takata, K. Fujii, T. Takaha and T. Kuriki

Title	**A New, Easy and Objective Method of Evaluating the Total Food Residue after Swallowing**
Publication (year)	Ronen Shika Igaku 20, 17-24 (2005)
Author	S. Matsuda, T. Ohno, I. Fujishima, S. Minakuchi, T. Minami, H. Nakamura, T. Kometani, H. Uematsu

Title	**Effect of addition of water-soluble chitin on amylose film**
Publication (year)	Biomacromolecules 6, 3238-3242 (2005)
Author	S. Suzuki, K. Shimahashi, J. Takahara, M. Sunako, T. Takaha, K. Ogawa and S. Kitamura

Title	**Rheological properties of enzymatically synthesized amylose concentrated solutions**
Publication (year)	Nihon Reoroji Gakkaishi 33, 167-172 (2005)
Author	H. Morishita, M. Kitagawa, M. Sunako, J.-i. Takahara, T. Takaha and H. Yamane

Title	**The conclusive proof that supports the concept of the α-amylase family: structural similarity and common catalytic mechanism**
Publication (year)	Biologia Bratislava 60, 13-16 (2005)
Author	T. Kuriki, H. Hondoh and Y. Matsuura

Title	**Crystallization and preliminary X-ray crystallographic study of disproportionating enzyme from potato**
Publication (year)	Acta Crystallographica Section F: Structural Biology and Crystallization Communications 61, 109-111 (2005)
Author	K. Imamura, T. Matsuura, Z. Ye, T. Takaha, K. Fujii, M. Kusunoki and Y. Nitta

Title	**Protein engineering of amylomaltase from Thermus aquaticus with random and saturation mutageneses**
Publication (year)	Biologia, Bratislava 60/Suppl. 16, 97-102 (2005)
Author	K. Fujii, H. Minagawa, Y. Terada, T. Takaha, T. Kuriki, J. Shimada and H. Kaneko

Title	**Use of random and saturation mutageneses to improve the properties of Thermus aquaticus amylomaltase for efficient production of cycloamyloses**
Publication (year)	Applied and Environmental Microbiology 71, 5823-5827 (2005)
Author	K. Fujii, H. Minagawa, Y. Terada, T. Takaha, T. Kuriki, J. Shimada and H. Kaneko

Title	**Improvement of amylomaltase from Thermus aquaticus by random and saturation mutageneses**
Publication (year)	Journal of Applied Glycoscience 52, 137-143 (2005)
Author	K. Fujii, H. Minagawa, Y. Terada, T. Takaha, T. Kuriki, J. Shimada and H. Kaneko

Title	**Bioengineering and application of novel glucose polymers**
Publication (year)	Biocatalysis and Biotransformation 21, 167-172 (2003)
Author	K. Fujii, H. Takata, M. Yanase, Y. Terada, K. Ohdan, T. Takaha, S. Okada and T. Kuriki

Title	**Application of Glucanotransferase: From Coupling Sugar to Cycloamylose**
Publication (year)	Journal of Applied Glycoscience 50, 61-65 (2003)
Author	S. Okada

Title	**Trial Use of a Food Exchange List Including Confectionery and Alcohol for Healthy Individuals**
Publication (year)	Jpn Soc Nutr Food Sci 56, 341-354 (2003)
Author	H. Takumi, R. Onishi, Y. Kagami, K. Matsuda, E. Takayama, K. Tanaka, M. Yamauchi, Y. Fukuda, T. Kometani

Title	**Preface:the Special Issue for Industrial Application of Glycoscience and Glycotechnology**
Publication (year)	Trends in Glycoscience and Glycotechnology 15, 55-55 (2003)
Author	T. Kuriki, T. Tanimoto

Title	**Application of glucanotransferase: from coupling sugar to cycloamylose**
Publication (year)	Journal of Applied Glycoscience 50, 61-65 (2003)

Author	S. Okada

Title	**Neopullulanase exhibits distinct specificity toward amylose and amylopectin**
Publication (year)	Journal of Applied Glycoscience 50, 273-275 (2003)
Author	H. Kamasaka, K. Sugimoto, H. Takata, T. Nishimura and T. Kuriki

Title	**Three-dimensional structure and substrate binding of Bacillus stearothermophilus neopullulanase**
Publication (year)	Journal of Molecular Biology 326, 177-188 (2003)
Author	H. Hondoh, T. Kuriki and Y. Matsuura

Title	**Enzymatic Synthesis and Application of Large Cyclic Glucan**
Publication (year)	Kagaku to Seibutsu 40, 152-158 (2002)
Author	Y. Terada

Title	**Development of a List of Food Exchange Including Confectioneries and Alcohol for Healthy People, and Its Validity**
Publication (year)	J Jpn Soc Nutr Food Sci 55, 42745 (2002)
Author	H. Takumi, R. Onishi, Y. Kagami, K. Matsuda, E. Takayama, K. Tanaka, M. Yamauchi, Y. Fukuda, T. Kometani

Title	**Cyclization reaction catalyzed by glycogen debranching enzyme (EC 2.4. 1.25/EC 3.2. 1.33) and its potential for cycloamylose production**
Publication (year)	Applied and Environmental Microbiology 68, 4233-4239 (2002)
Author	M. Yanase, H. Takata, T. Takaha, T. Kuriki, S. M. Smith and S. Okada

Title	**Physicochemical properties of large-ring cyclodextrins (CD 18～CD 21)**

Publication (year)	Journal of Inclusion Phenomena and Macrocyclic Chemistry 44, 403-405 (2002)
Author	H. Ueda, M. Wakisaka, H. Nagase, T. Takaha and S. Okada

Title	**Structural basis of the synthesis of large cycloamyloses by amylomaltase**
Publication (year)	Biologia, Bratislava 57, 93-100 (2002)
Author	N. Strater, I. Przylas, W. Saenger, Y. Terada, K. Fuji and T. Takaha

Title	**Stability of species composition of fecal bifidobacteria in human subjects during fermented milk administration**
Publication (year)	Current Microbiology 44, 368-373 (2002)
Author	Y. Saito, Y. Hamanaka, K. Saito, S. Takizawa and Y. Benno

Title	**Bacillus stearothermophilus neopullulanase selective hydrolysis of amylose to maltose in the presence of amylopectin**
Publication (year)	Applied and Environmental Microbiology 68, 1658-1664 (2002)
Author	H. Kamasaka, K. Sugimoto, H. Takata, T. Nishimura and T. Kuriki

Title	**Macromolecule recognition of Bacillus stearothermophilus neopullulanase**
Publication (year)	Biologia, Bratislava 57, 83-86 (2002)
Author	H. Kamasaka, K. Sugimoto, H. Takata, T. Nishimura and T. Kuriki

Title	**Three-dimensional structure of Bacillus stearothermophilus neopullulanase**
Publication (year)	Biologia, Bratislava 57, 77-82 (2002)
Author	H. Hondoh, T. Kuriki and Y. Matsuura

Title	**Structure and properties of Thermus aquaticus. α.-glucan phosphorylase expressed in Escherichia coli**
Publication (year)	Journal of Applied Glycoscience 48, 71-78 (2001)
Author	T. Takaha, M. Yanase, H. Takata, S. Okada

Title	**Reaction of CGTase on amylose**
Publication (year)	Journal of Applied Glycoscience 48, 177-186 (2001)
Author	Y. Terada, H. Sanbe, T. Takaha, S. Okada, S. Kitahata and K. Koizumi

Title	**Comparative study of the cyclization reactions of three bacterial cyclomaltodextrin glucanotransferases**
Publication (year)	Applied and Environmental Microbiology 67, 1453-1460 (2001)
Author	Y. Terada, H. Sanbe, T. Takaha, S. Kitahata, K. Koizumi and S. Okada

Title	**Effect of ingesting frozen yoghurt in combination with lactosucrose consumption on the fecal microbiota and fecal metabolitic activity in healthy adults**
Publication (year)	Japanese Journal of Food Microbiology 18, 49-56 (2001)
Author	H. Takumi, S. Okada, L. Shou-Tou, A. Terada and T. Mitsuoka

Title	**Antidiabetic effect of glycyrrhizin in genetically diabetic KK-Ay mice**
Publication (year)	Biological and Pharmaceutical Bulletin 24, 484-487 (2001)
Author	H. Takii, T. Kometani, T. Nishimura, T. Nakae, S. Okada and T. Fushiki

Title	**The activity;physiological role and biotechnological application of potato D-enzyme**
Publication (year)	Journal of Applied Glycoscience 48, 239-247 (2001)
Author	T. Takaha

Title	**Flexibility with truncation of the amino-and carboxyl-termini of Bacillus subtilis X-23 α-amylase**
Publication (year)	Journal of Applied Glycoscience 48, 37-44 (2001)
Author	K. Ohdan, H. Takata, T. Kuriki and S. Okada

Title	**A critical role for disproportionating enzyme in starch breakdown is revealed by a knock - out mutation in Arabidopsis**
Publication (year)	The Plant Journal 26, 89-100 (2001)
Author	J. H. Critchley, S. C. Zeeman, T. Takaha, A. M. Smith and S. M. Smith

Title	**Acceptor specificity of 4-α-glucanotransferase from Pyrococcus kodakaraensis KOD1;and synthesis of cycloamylose**
Publication (year)	Journal of Bioscience and Bioengineering 90, 406-409 (2000)
Author	Y. Tachibana, T. Takaha, S. Fujiwara, M. Takagi and T. Imanaka

Title	**Crystal structure of amylomaltase from Thermus aquaticus;a glycosyltransferase catalysing the production of large cyclic glucans**
Publication (year)	Journal of Molecular Biology 296, 873-886 (2000)
Author	I. Przylas, K. Tomoo, Y. Terada, T. Takaha, K. Fujii, W. Saenger and N. Sträter

Title	**X - ray structure of acarbose bound to amylomaltase from Thermus aquaticus**
Publication (year)	European Journal of Biochemistry 267, 6903-6913 (2000)
Author	I. Przylas, Y. Terada, K. Fujii, T. Takaha, W. Saenger and N. Sträter

Title	**Production and application of oligosaccharides**
Publication (year)	Journal of Applied Glycoscience 47, 221-226 (2000)

Author	S. Okada

Title	**Introduction of raw starch-binding domains into Bacillus subtilis α-amylase by fusion with the starch-binding domain of Bacillus cyclomaltodextrin glucanotransferase**
Publication (year)	Applied and Environmental Microbiology 66, 3058-3064 (2000)
Author	K. Ohdan, T. Kuriki, H. Takata, H. Kaneko and S. Okada

Title	**Cloning of the cyclodextrin glucanotransferase gene from alkalophilic Bacillus sp. A2-5a and analysis of the raw starch-binding domain**
Publication (year)	Applied Microbiology and Biotechnology 53, 430-434 (2000)
Author	K. Ohdan, T. Kuriki, H. Takata and S. Okada

Title	**Preparation of glyceroglycolipids from pumpkin and their effects on polymorphic transformation of cocoa butter**
Publication (year)	Food Science and Technology Research 6, 263-268 (2000)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Effect of glycolipid fraction on fat bloom in dark and milk chocolates**
Publication (year)	Food Science and Technology Research 6, 269-274 (2000)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Effects of glyceroglycolipids prepared from various natural materials on polymorphic transformation of cocoa butter**
Publication (year)	Food Science and Technology Research 6, 320-323 (2000)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Cycloamylose as an efficient artificial chaperone for protein refolding**

Publication (year)	FEBS Letters 486, 131-135 (2000)
Author	S. Machida, S. Ogawa, S. Xiaohua, T. Takaha, K. Fujii and K. Hayashi

Title	**An approach for introducing a different function to an industrial enzyme**
Publication (year)	Trends in Glycoscience and Glycotechnology 12, 403-410 (2000)
Author	K. Ohdan and T. Kuriki

Title	**Complex formation of large - ring cyclodextrins with iodine in aqueous solution as revealed by isothermal titration calorimetry**
Publication (year)	Macromolecular Rapid Communications 20, 612-615 (1999)
Author	S. Kitamura, K. Nakatani, T. Takaha and S. Okada

Title	**How amylases achieve their perfect stereoselectivity**
Publication (year)	Journal of Applied Glycoscience 46, 187-197 (1999)
Author	H. Kaneko, T. Kuriki, S. Okada

Title	**Cyclization reaction of CGTase on amylose**
Publication (year)	Journal of Applied Glycoscience 46, 207-215 (1999)
Author	Y. Terada, H. Sanbe, T. Takaha, S. Okada, S. Kitahata and K. Koizumi

Title	**Thermus aquaticus ATCC 33923 amylomaltase gene cloning and expression and enzyme characterization: production of cycloamylose**
Publication (year)	Applied and Environmental Microbiology 65, 910-915 (1999)
Author	Y. Terada, K. Fujii, T. Takaha and S. Okada

Title	**The functions of 4-α-glucanotransferases and their use for the production of cyclic glucans**
Publication (year)	Biotechnology and Genetic Engineering Reviews 16, 257-280 (1999)
Author	T. Takaha and S. M. Smith

Title	**Characteristics of two forms of α-amylases and structural implication**
Publication (year)	Applied and Environmental Microbiology 65, 4652-4658 (1999)
Author	K. Ohdan, T. Kuriki, H. Kaneko, J. Shimada, T. Takada, Z. Fujimoto, H. Mizuno and S. Okada

Title	**Synthesis of monoacylglycerol monoglucoside by rice α-glucosidase and its foaming power**
Publication (year)	Food Science and Technology Research 5, 214-219 (1999)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Effects of salt and pH on property of emulsion prepared with monolaurin monoglucoside**
Publication (year)	Food Science and Technology Research 5, 220-222 (1999)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Isolation and characterization of cyclic α-(1→4)-glucans having degrees of polymerization 9-31 and their quantitative analysis by high-performance anion-exchange chromatography with pulsed amperometric detection**
Publication (year)	Journal of Chromatography A 852, 407-416 (1999)
Author	K. Koizumi, H. Sanbe, Y. Kubota, Y. Terada and T. Takaha

Title	**How amylases achieve their perfect stereoselectivity**
Publication (year)	Journal of Applied Glycoscience 46, 187-197 (1999)

Author	H. Kaneko, T. Kuriki and S. Okada

Title	**Band-flip and kink as novel structural motifs in α-(1→4)-d-glucose oligosaccharides. Crystal structures of cyclodeca-and cyclotetradecaamylose**
Publication (year)	Carbohydrate Research 322, 228-246 (1999)
Author	J. Jacob, K. Geβler, D. Hoffmann, H. Sanbe, K. Koizumi, S. M. Smith, T. Takaha and W. Saenger

Title	**The concept of the α-amylase family: structural similarity and common catalytic mechanism**
Publication (year)	Journal of Bioscience and Bioengineering 87, 557-565 (1999)
Author	T. Kuriki and T. Imanaka

Title	**V-Amylose at atomic resolution: X-ray structure of a cycloamylose with 26 glucose residues (cyclomaltohexaicosaose)**
Publication (year)	PNAS 96, 4246-4251 (1999)
Author	K. Gessler, I. Usón, T. Takaha, N. Krauss, S. M. Smith, S. Okada, G. M. Sheldrick and W. Saenger

Title	**The Role of D-enzyme in Starch Metabolism in Plants**
Publication (year)	Journal of Applied Glycoscience 45, 169-175 (1998)
Author	T. Takaha, S. Okada, S. M. Smith

Title	**Discovery of Neopullulanase and Proposal of ƒ¿-Amylase Family**
Publication (year)	Journal of Applied Glycoscience 45, 63-70 (1998)
Author	T. Kuriki

Title	**Purification and characterization of α-glucan phosphorylase from Bacillus stearothermophilus**

Publication (year)	Journal of Fermentation and Bioengineering 85, 156-161 (1998)
Author	H. Takata, T. Takaha, S. Okada, M. Takagi and T. Imanaka

Title	**yclic glucans produced by the intramolecular transglycosylation activity of potato D-enzyme on amylopectin**
Publication (year)	Biochemical and Biophysical Research Communications 247, 493-497 (1998)
Author	T. Takaha, M. Yanase, H. Takata, S. Okada and S. M. Smith

Title	**The role of D-enzyme in starch metabolism in plants**
Publication (year)	Journal of Applied Glycoscience 45, 169-175 (1998)
Author	T. Takaha, S. Okada and S. M. Smith

Title	**Normal starch content and composition in tubers of antisense potato plants lacking D-enzyme (4-α-glucanotransferase)**
Publication (year)	Planta 205, 445-451 (1998)
Author	T. Takaha, J. Critchley, S. Okada and S. M. Smith

Title	**Structures of the common cyclodextrins and their larger analogues beyond the doughnut**
Publication (year)	Chemical Reviews 98, 1787-1802 (1998)
Author	W. Saenger, J. Jacob, K. Gessler, T. Steiner, D. Hoffmann, H. Sanbe, K. Koizumi, S. M. Smith and T. Takaha

Title	**Foaming power and emulsifying properties of the hydrolyzates by lipase from Rhizopus arrhizus on digalactosyldiacylglycerol and trigalactosyldiacylglycerol extracted from pumpkin**
Publication (year)	Food Science and Technology International;Tokyo 4, 235-240 (1998)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**Effects of salts and pH on the emulsion stabilities of digalactosylmonoacylglycerol and trigalactosylmonoacylglycerol**
Publication (year)	Food Science and Technology International;Tokyo 4, 230-234 (1998)
Author	T. Nakae, T. Kometani, T. Nishimura, H. Takii and S. Okada

Title	**How α- and β-amylases achieve their perfect stereoselectivity**
Publication (year)	Research Communication in Biochem.istry and Cell & Moecular Biology 2, 69-89 (1998)
Author	H. Kaneko, T. Kuriki, S. Handa, T. Takada, H. Takata, M. Yanase, S. Okada, H. Umeyama and J. Shimada

Title	**Modeling study of the neopullulanase-maltoheptaose complex**
Publication (year)	Research Communication in Biochem.istry and Cell & Moecular Biology 2, 37-54 (1998)
Author	H. Kaneko, T. Kuriki, J. Shimada, S. Handa, H. Takata, M. Yanase, S. Okada, T. Takada and H. Umeyama

Title	**Discovery of neopullulanase and proposal of α-amylase family**
Publication (year)	Journal of Applied Glycoscience 45, 63-70 (1998)
Author	T. Kuriki

Title	**Strain - Induced “Band Flips” in Cyclodecaamylose and Higher Homologues**
Publication (year)	Angewandte Chemie International Edition 37, 605-609 (1998)
Author	J. Jacob, K. Gessler, D. Hoffmann, H. Sanbe, K. Koizumi, S. M. Smith, T. Takaha and W. Saenger

Title	**Production of Isomalto/Branched-Oligosaccharide Syrup by Using Immobilized Neopullulanase and Preliminary Evaluation of the Syrup as a Food Additive**
Publication (year)	Journal of Applied Glycoscience 44, 15-22 (1997)
Author	T. Kuriki, M. Yanase, H. Takaha, S. Okada

Title	**Cyclodextrins are not the major cyclic α-1;4-glucans produced by the initial action of cyclodextrin glucanotransferase on amylose**
Publication (year)	Journal of Biological Chemistry 272, 15729-15733 (1997)
Author	Y. Terada, M. Yanase, H. Takata, T. Takaha and S. Okada

Title	**Lowering effect of phenolic glycosides on the rise in postprandial glucose in mice**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 61, 1531-1535 (1997)
Author	H. Takii, K. Matsumoto, T. Kometani, S. Okada and T. Fushiki

Title	**Characterization of a gene cluster for glycogen biosynthesis and a heterotetrameric ADP-glucose pyrophosphorylase from Bacillus stearothermophilus**
Publication (year)	Journal of Bacteriology 179 4689-4698 (1997)
Author	H. Takata, T. Takaha, S. Okada, M. Takagi and T. Imanaka

Title	**Production of isomalto/branched-oligosaccharide syrup by using immobilized neopullulanase and preliminary evaluation of the syrup as a food additive**
Publication (year)	Journal of Applied Glycoscience 44, 15-22 (1997)
Author	T. Kuriki, M. Yanase, H. Takata and S. Okada

Title	**Construction of chimeric enzymes out of maize endosperm branching enzymes I and II: activity and properties**
Publication (year)	Journal of Biological Chemistry 272, 28999-29004 (1997)
Author	T. Kuriki, D. C. Stewart and J. Preiss

Title	**Conformation of cyclomaltooligosaccharide (“cycloamylose”) of dp21 in aqueous solution**
Publication (year)	Carbohydrate Research 304, 303-314 (1997)

Author	S. Kitamura, H. Isuda, J. Shimada, T. Takada, T. Takaha, S. Okada, M. Mimura and K. Kajiwara

Title	**A novel acid phosphatase from Aspergillus niger KU-8 that specifically hydrolyzes C-6 phosphate groups of phosphoryl oligosaccharides**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 61, 1512-1517 (1997)
Author	H. Kamasaka, K. Kusaka, T. Kuriki, T. Kometani and S. Okada

Title	**Potato D-enzyme catalyzes the cyclization of amylose to produce cycloamylose;a novel cyclic glucan**
Publication (year)	Journal of Biological Chemistry 271, 2902-2908 (1996)
Author	T. Takaha, M. Yanase, H. Takata, S. Okada and S. M. Smith

Title	**Cyclic α-1;4-glucan formation by bacterial α-amylases**
Publication (year)	Journal of Fermentation and Bioengineering 81, 26-31 (1996)
Author	T. Nishimura, T. Kometani, T. Nakae, H. Takii and S. Okada

Title	**Controlling substrate preference and transglycosylation activity of neopullulanase by manipulating steric constraint and hydrophobicity in active center**
Publication (year)	Journal of Biological Chemistry 271, 17321-17329 (1996)
Author	T. Kuriki, H. Kaneko, M. Yanase, H. Takata, J. Shimada, S. Handa, T. Takada, H. Umeyama and S. Okada

Title	**Analysis of the active center of branching enzyme II from maize endosperm**
Publication (year)	Journal of Protein Chemistry 15, 305-313 (1996)
Author	T. Kuriki, H. Guan, M. Sivak and J. Preiss

Title	**Acceptor specificity of cyclodextrin glucanotransferase from an alkalophilic Bacillus species and synthesis of glucosyl rhamnose**

Publication (year)	Bioscience, Biotechnology, and Biochemistry 60, 1176-1178 (1996)
Author	T. Kometani, Y. Terada, T. Nishimura, T. Nakae, H. Takii and S. Okada

Title	**Synthesis of neohesperidin glycosides and naringin glycosides by cyclodextrin glucanotransferase from an alkalophilic Bacillus species**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 60, 645-649 (1996)
Author	T. Kometani, T. Nishimura, T. Nakae, H. Takii and S. Okada

Title	**α-Amylase Family Enzymes**
Publication (year)	Nippon Nogeikagaku Kaishi 69, 1029-1032 (1995)
Author	T. Kuriki, H. Takata, T. Imanaka, S. Okada

Title	**Alteration of Neopullulanase Function Based on Molecular Modeling**
Publication (year)	Journal of Applied Glycoscience 42, 211-218 (1995)
Author	H. kaneko, J. Shimada, T. Kuriki, M. Yanase, H. Takata, S. Okada, T. Takada

Title	**Alteration of Neopullulanase Function Based on Molecular Modeling**
Publication (year)	Nippon Shokuhin Kagaku Kogaku Kaishi 42, 602-606 (1995)
Author	H. Kaneko, J. Shimada, T. Kuriki, M.Yanase

Title	**Glucosylation of caffeic acid with Bacillus subtilis X-23 α-amylase and a description of the glucosides**
Publication (year)	Journal of Fermentation and Bioengineering 80, 18-23 (1995)
Author	T. Nishimura, T. Kometani, H. Takii, Y. Terada and S. Okada

Title	**Synthesis of 3, 4-dimethoxyphenyl β-D-glucopyranoside and its related glycosides by cultured plant cells**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 59, 1007-1011 (1995)
Author	T. Kometani, H. Tanimoto, H. Takii, T. Nishimura, Y. Terada and S. Okada

Title	**Alteration of neopullulanase function based on molecular modeling**
Publication (year)	Journal of Applied Glycoscience 42, 211-218 (1995)
Author	H. Kaneko, J. Shimada, T. Kuriki, M. Yanase, H. Takata, S. Okada and T. Takada

Title	**Maize branching enzyme catalyzes synthesis of glycogen-like polysaccharide in glgB-deficient Escherichia coli**
Publication (year)	PNAS 92, 964-967 (1995)
Author	H. Guan, T. Kuriki, M. Sivak and J. Preiss

Title	**A Mass-Producing Method of Ethyl-ƒ¿-glucoside for Food Application**
Publication (year)	Nippon Shokuhin Kagaku Kogaku Kaishi 41, 878-885 (1994)
Author	K. Yoshikawa, K. Ikeda, H. Tanigawa, K. Yamamot, H. Miyamoto, S.Okada

Title	**How Far Can We Go to Alter the Specificities of Amylases and Related Enzymes Using Protein Engineering?**
Publication (year)	Journal of Applied Glycoscience 41, 255-260 (1994)
Author	T. Kuriki, H. Takaha, M. Yanase, H. Kaneko, T. Takada, S. Okada

Title	**Transfer action of α-D-xylosidases from Aspergillus flavus MO-5 on p-nitrophenyl-α-D-xylopyranoside**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 58, 121-125 (1994)
Author	K. Yoshikawa, K. Yamamoto and S. Okada

Title	**A mass-producing method of ethyl-α-glucoside for food application**
Publication (year)	Nippon Shokuhin Kogyo Gakkaishi 41, 878-885 (1994)
Author	K. Yoshikawa, K. Ikeda, H. Tanigawa, K. Yamamoto, H. Miyamoto and S. Okada

Title	**Substrate specificity of dextrin dextranase from Acetobacter capsulatus ATCC 11894**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 58, 330-333 (1994)
Author	K. Yamamoto, K. Yoshikawa and S. Okada

Title	**Properties and active center of the thermostable branching enzyme from Bacillus stearothermophilus**
Publication (year)	Applied and Environmental Microbiology 60, 3096-3104 (1994)
Author	H. Takata, T. Takaha, T. Kuriki, S. Okada, M. Takagi and T. Imanaka

Title	**Acceptor specificity in the glucosylation reaction of Bacillus subtilis X-23 α-amylase towards various phenolic compounds and the structure of kojic acid glucoside**
Publication (year)	Journal of Fermentation and Bioengineering 78, 37-41 (1994)
Author	T. Nishimura, T. Kometani, H. Takii, Y. Terada and S. Okada

Title	**Structure and Function of Starch Branching Enzyme**
Publication (year)	Nippon Nogeikgaku Kaishi 68, 1681-1584 (1994)
Author	T. Kuriki, H. Guan, J. Preiss

Title	**How far can we go to alter the specificities of amylases and related enzymes using protein engineering?**
Publication (year)	Journal of Applied Glycoscience 41, 255-260 (1994)

Author	T. Kuriki, H. Takata, M. Yanase, H. Kaneko, T. Takada and S. Okada

Title	**Amount of Starch in Plants Has Been Improved by Genetic Engineering**
Publication (year)	Trends in Glycoscience and Glycotechnology 5, 37-39 (1993)
Author	T. Kuriki

Title	**Purification and characterization of an intracellular α-D-xylosidase II from Aspergillus flavus MO-5**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 57, 1281-1285 (1993)
Author	K. Yoshikawa, K. Yamamoto and S. Okada

Title	**Isolation of Aspergillus flavus MO-5 producing two types of intracellular α-D-xylosidases: purification and characterization of α-D-xylosidase I**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 57, 1275-1280 (1993)
Author	K. Yoshikawa, K. Yamamoto and S. Okada

Title	**Effective dextran production from starch by dextrin dextranase with debranching enzyme**
Publication (year)	Journal of Fermentation and Bioengineering 76, 411-413 (1993)
Author	K. Yamamoto, K. Yoshikawa and S. Okada

Title	**Structure of dextran synthesized by dextrin dextranase from Acetobacter capsulatus ATCC 11894**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 57, 1450-1453 (1993)
Author	K. Yamamoto, K. Yoshikawa and S. Okada

Title	**Disproportionating enzyme (4-alpha-glucanotransferase; EC 2.4. 1.25) of potato. Purification, molecular cloning, and potential role in starch metabolism**

Publication (year)	Journal of Biological Chemistry 268, 1391-1396 (1993)
Author	T. Takaha, M. Yanase, S. Okada and S. Smith

Title	**A new way of producing isomalto-oligosaccharide syrup by using the transglycosylation reaction of neopullulanase**
Publication (year)	Applied and Environmental Microbiology 59 953-959 (1993)
Author	T. Kuriki, M. Yanase, H. Takata, Y. Takesada, T. Imanaka and S. Okada

Title	**The primary structure of branched-chain α-oxio acid dehydrogenase gene from Bacillus subtilis and its similarity to other α-oxio acid dehydrogenases**
Publication (year)	European Journal of Biochemistry 213, 1091-1099 (1993)
Author	G. Wang., T. Kuriki, K. L. Roy. and T. Kaneda

Title	**Highly branched oligosaccharides produced by the transglycosylation reaction of neopullulanase**
Publication (year)	Journal of Fermentation and Bioengineering, 76, 184-190 (1993)
Author	T. Kuriki, M. Yanase, H. Takata, T. Imanaka and S. Okada

Title	**Glucosylation of vanillin by cultured plant cells**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 57, 1290-1293 (1993)
Author	T. Kometani, H. Tanimoto, T. Nishimura and S. Okada

Title	**A new method for precipitation of various glucosides with cyclodextrin glucanotransferase**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 57, 1185-1187 (1993)
Author	T. Kometani, H. Tanimoto, T. Nishimura and S. Okada

Title	**Glucosylation of capsaicin by cell suspension cultures of Coffea arabica**
Publication (year)	Bioscience, Biotechnology, and Biochemistr, 57, 2192-2193 (1993)
Author	T. Kometani, H. Tanimoto, T. Nishimura, I. Kanbara and S. Okada

Title	**Purification and some properties of dextrin dextranase from Acetobacter capsulatus ATCC 11894**
Publication (year)	Bioscience, Biotechnology, and Biochemistry 56, 169-173 (1992)
Author	K. Yamamoto, K. Yoshikawa, S. Kitahata and S. Okada

Title	**Isolation and characterization of a bacterial dipeptidyl carboxypeptidase inhibitor from Bacillus subtilis 3-16-20**
Publication (year)	Journal of Fermentation and Bioengineering 73, 277-279 (1992)
Author	Y. Nagamori, K. Kusaka, T. Nishimura and S. Okada

Title	**Alteration of the specificity of neopullulanase by protein engineering**
Publication (year)	Journal of the Japanese Society of Starch Science 39, 75-84 (1992)
Author	T. Kuriki, H. Takata, S. Okada and T. Imanaka

Title	**Can Protein Engineering Interconvert Glucanohydrolases/ Glucanotransferases, and Their Specificities?**
Publication (year)	Trends in Glycoscience and Glycotechnology 4, 567-572 (1992)
Author	T. Kuriki

Title	**Action of neopullulanase. Neopullulanase catalyzes both hydrolysis and transglycosylation at α-(1→4)- and α-(1→6)-glucosidic linkages**
Publication (year)	Journal of Biological Chemistry 267, 18447-18452 (1992)
Author	H. Takata, T. Kuriki, S. Okada, Y. Takesada, M. Iizuka, N. Minamiura and T. Imanaka

Title	**Continuous production of panose by immobilized neopullulanase**
Publication (year)	Journal of Fermentation and Bioengineering 73, 198-202 (1992)
Author	T. Kuriki, M. Tsuda and T. Imanaka

Title	**Hydrolysis of substance P and related compounds by dipeptidyl carboxypeptidase from Bacillus pumilus**
Publication (year)	Journal of Fermentation and Bioengineering 72, 483-484 (1991)
Author	Y. Nagamori, K. Kusaka and S. Okada

Title	**Enzymatic properties of dipeptidyl carboxypeptidase from Bacillus pumilus**
Publication (year)	Agricultural and Biological Chemistry 55, 1695-1699 (1991)
Author	Y. Nagamori, K. Kusaka, N. Fujishima and S. Okada

Title	**Analysis of the active center of Bacillus stearothermophilus neopullulanase**
Publication (year)	Journal of Bacteriology 173, 6147-6152 (1991)
Author	T. Kuriki, H. Takata, S. Okada and T. Imanaka

Title	**Purification and some properties of dipeptidyl carboxypeptidase from Bacillus pumilus**
Publication (year)	Agricultural and Biological Chemistry 54, 999-1005 (1990)
Author	Y. Nagamori, N. Fujishima and S. Okada

Title	**Some properties and action of poly (glutamic acid) hydrolase II from Micromonospora melanosporea IFO 12515**
Publication (year)	Agricultural and Biological Chemistr 54, 1065-1067 (1990)

Author	T. Muro, Y. Nagamori, S. Okada and Y. Tominaga

Title	**Characteristics of thermostable pullulanase from Bacillus stearothermophilus and the nucleotide sequence of the gene**
Publication (year)	Journal of Fermentation and Bioengineering 68, 204-210 (1990)
Author	T. Kuriki, J.-H. Park and T. Imanaka

Title	**Nucleotide sequence of the neopullulanase gene from Bacillus stearothermophilus**
Publication (year)	Journal of General Microbiology 135:, 1521-1528 (1989)
Author	T. Kuriki and T. Imanaka

Title	**Pattern of action of Bacillus stearothermophilus neopullulanase on pullulan**
Publication (year)	Journal of Bacteriology 171, 369-374 (1989)
Author	T. Imanaka and T. Kuriki

Title	**Purification and characterization of thermostable pullulanase from Bacillus stearothermophilus and molecular cloning and expression of the gene in Bacillus subtilis**
Publication (year)	Applied and Environmental Microbiology 54, 2881-2883 (1988)
Author	T. Kuriki, J.-H. Park, S. Okada and T. Imanaka

Title	**New type of pullulanase from Bacillus stearothermophilus and molecular cloning and expression of the gene in Bacillus subtilis**
Publication (year)	Journal of Bacteriology 170, 1554-1559 (1988)
Author	T. Kuriki, S. Okada and T. Imanaka