

常田 聡 研究室

NO	著者	雑誌名	タイトル	巻 (vol.)・ページ数	掲載年	備考
1	T. Osaka, E. Moriyama, S. Arai, Y. Date, J. Yagi, J. Kikuchi, S. Tsuneda	Nutrients	Meta-analysis of Fecal Microbiota and Metabolites in Experimental Colitic Mice during the Inflammatory and Healing Phases	9, 1329	2017	
2	T. Miyamoto, Y. Ota, A. Yokota T. Suyama, S. Tsuneda,	MicrobiologyOpen	Characterization of a Deinococcus radiodurans MazF: a UACA-Specific RNA Endoribonuclease	e501	2017	
3	K. Ishii, H. Fujitani, K. Soh, T. Nakagawa, R. Takahashi, S. Tsuneda	Appl. Environ. Microbiol.	Enrichment and Physiological Characterization of a Cold-Adapted Nitrite Oxidizer Nitrotoga sp. from Eelgrass Sediment	83, e00549-17	2017	
4	K. Isaka, Y. Kimura, M. Matsuura, T. Osaka,	Biochem. Eng. J.	First Full-Scale Nitritation-Anammox Plant Using Gel Entrapment Technology for Ammonia Plant Effluent	122, 115-122	2017	
5	Y. Kagawa, Y. Haraguchi, S. Tsuneda, T. Shimizu	Journal of Biomedical Materials Research: Part B	Real-Time Quantitation of Internal Metabolic Activity of Three-Dimensional Engineered Tissues Using an Oxygen Microelectrode and Optical Coherence Tomography	105, 855-864	2017	
6	N. Ushiki, M. Jinno, H. Fujitani, T. Suenaga, A. Terada, S. Tsuneda	J. Biosci. Bioeng.	Nitrite Oxidation Kinetics of Two Nitrospira Strains: the Quest for Competition and Ecological Niche Differentiation	123, 581-589	2017	

7	I. Hermawan, A. Furuta, M. Higashi, Y. Fujita, N. Akimitsu, A. Yamashita, K. Moriishi, S. Tsuneda, H. Tani, M. Nakakoshi, M. Tsubuki, Y. Sekiguchi, N. Noda, J. Tanaka	Marine Drugs	Four Aromatic Sulfates with an Inhibitory Effect against HCV NS3 Helicase from the Crinoid <i>Alloeocomatella polycladia</i>	15117	2017	
8	Y. Aoi, Y. Kaneko, S. Tsuneda	J. Biosci. Bioeng.	pH-Gradient Ion-exchange Microbial Cell Chromatography as a Simple Method for Microbial Separation	123, 431-436	2017	
9	T. Abe, N. Ushiki, H. Fujitani, S. Tsuneda	Water Res.	A Rapid Collection of Yet Unknown Ammonia Oxidizers in Pure Culture from Activated Sludge	108, 169-178	2016	
10	S. M. Thandar, N. Ushiki, H. Fujitani, Y. Sekiguchi, S.	Frontiers in Microbiology	Ecophysiology and Comparative Genomics of <i>Nitrosomonas mobilis</i> Ms1 Isolated from Autotrophic Nitrifying Granules of Wastewater Treatment Bioreactor	7, 1869	2016	
11	K. Irie, H. Fujitani, S. Tsuneda	J. Biosci. Bioeng.	Physical Enrichment of Uncultured <i>Accumulibacter</i> and <i>Nitrospira</i> from Activated Sludge by Unlabeled Cell Sorting Technique	122, 475-481	2016	
12	T. Miyamoto, Y. Kato, Y. Sekiguchi, S. Tsuneda, N. Noda	Toxins	AAU-specific RNA cleavage mediated by MazF toxin endoribonuclease conserved in <i>Nitrosomonas europaea</i>	8, n° 174	2016	
13	T. Miyamoto, Y. Kato, Y. Sekiguchi, S. Tsuneda, N. Noda	PLoS ONE	Characterization of MazF-mediated Sequence-specific RNA Cleavage in <i>Pseudomonas putida</i> using Massive Parallel Sequencing	11, e0149494	2016	
14	Y. Kagawa, H. Miyahara, Y. Ota, S. Tsuneda	Biotechnol Prog	System for Measuring Oxygen Consumption Rates of Mammalian Cells in Static Culture Under Hypoxic Conditions	32, 189-197	2016	

15	N. Matsushita, T. Osaka, I. Haruta, H. Ueshiba, N. Yanagisawa, M. Omori-Miyake, E. Hashimoto, N. Shibata, K. Tokushige, K. Saito,	Scand. J. Immunol.	Effect of Lipopolysaccharide on the Progression of Non-Alcoholic Fatty Liver Disease in High Caloric Diet-Fed Mice	83, 109-118	2016	
16	X. Zhang, T. Osaka, S. Tsuneda	Nutrition & Metabolism	Bacterial Metabolites Directly Modulate Farnesoid X Receptor Activity	12, 1-14	2015	
17	H. Fujitani, A. Kumagai, N. Ushiki, K. Momiuchi, S. Tsuneda	Frontiers in Microbiology	Selective Isolation of Ammonia-Oxidizing Bacteria from Autotrophic Nitrifying Granules by Applying Cell-Sorting and Sub-Culturing of Microcolonies	6, 1159	2015	
18	A. Furuta, M. Tsubuki, M. Endoh, T. Miyamoto, J. Tanaka, K. A. Salam, I. Hermawan, N. Akimitsu, H. Tani, A. Yamashita, K. Moriishi, M. Nakakoshi, Y. Sekiguchi, S.	International Journal of Molecular Sciences	Identification of Hydroxyanthraquinones as Novel Inhibitors of Hepatitis C virus NS3 Helicase	16, 18439-18453	2015	
19	Y. Kagawa, K. Matsuura, T. Shimizu, S. Tsuneda	Biotechnol. Bioeng.	Direct Measurement of Local Dissolved Oxygen Concentration Spatial Profiles in a Cell Culture Environment	112, 1263-1274	2015	
20	K. Chihara, S. Matsumoto, Y. Kagawa, S. Tsuneda	Frontiers in Microbiology	Mathematical Modeling of Dormant Cell Formation in Growing Biofilm	6, 534	2015	

21	S. Seo, K. Onizuka, C. Nishioka, E. Takahashi, S. Tsuneda, H. Abe, Y. Ito	Org. Biomol. Chem.	Phosphorylated 5-Ethynyl-2' - Deoxyuridine for Advanced DNA Labeling	13, 4589-4595	2015	
22	S. Morishita, K. Takahashi, M. Araki, Y. Hironaka, Y. Sunami, Y. Edahiro, M. Tsutsui, A. Ohsaka, S. Tsuneda, N. Komatsu	PLoS ONE	Melting Curve Analysis after T Allele Enrichment (MelcaTle) as a Highly Sensitive and Reliable Method for Detection of JAK2V617F Mutation	10, e0122003	2015	
23	C-Y Hsieh, T. Osaka, E. Moriyama, Y. Date, J. Kikuchi, S. Tsuneda	Physiological Reports	Strengthening of the Intestinal Epithelial Tight Junction by Bifidobacterium bifidum	3, e12327	2015	
24	Y. Kagawa, J. Tahata, N. Kishida, S. Matsumoto, C. Picioreanu, M.C.M. van Loosdrecht, S. Tsuneda	Biotechnol. Bioeng.	Modeling the Nutrient Removal Process in Aerobic Granular Sludge System by Coupling the Reactor- and Granule-Scale Models	112, 53-64	2015	
25	H. Fujitani, N. Ushiki, S. Tsuneda, Y. Aoi	Environ. Microbiol.	Isolation of Sublineage I Nitrospira by a Novel Cultivation Strategy	16, 3030-3040	2014	
26	H. Takei, S. Morishita, M. Araki, Y. Edahiro, Y. Sunami, Y. Hironaka, N. Noda, Y. Sekiguchi, S. Tsuneda, A. Ohsaka, N. Komatsu	PLoS ONE	Detection of MPLW515L/K Mutations and Determination of Allele Frequencies with a Single-Tube PCR Assay	9, e104958	2014	

27	T. Murano, Y. Kagawa, S. Tsuneda	Cell Proliferation	Mathematical Modeling of Spatio- Temporal Cellular Dynamics in Colonic Crypts Following Irradiation	47, 347-355	2014	
28	S.-H. Park, L. Zhu, S. Tada, S. Obuse, Y. Yoshida, M. Nakamura, T.I. Son, S. Tsuneda, Y. Ito	Polymer International	Phosphorylated Gelatin to Enhance Cell Adhesion to Titanium	63, 1616-1619	2014	
29	Y. Edahiro, S. Morishita, K. Takahashi, Y. Hironaka, Y. Yahata, Y. Sunami, S. Shirane, M. Tsutsui, M. Noguchi, M. Koike, K. Imai, K. Kirito, N. Noda, Y. Sekiguchi, S. Tsuneda, A. Ohsaka,	Int. J. Hematology	JAK2V617F Mutation Status and Allele Burden in Classical Ph-Negative Myeloproliferative Neoplasms in Japan	99, 625-634	2014	
30	K. A. Salam, A. Furuta, N. Noda, S. Tsuneda, Y. Sekiguchi, A. Yamashita, K. Moriishi, M. Nakakoshi, H. Tani, J. Tanaka, M. Tsubuki, N.	Molecules	PBDE: Structure-Activity Studies for the Inhibition of Hepatitis C Virus NS3 Helicase	19, 4006-4020	2014	

31	A. Furuta, K. A. Salam, N. Akimitsu, J. Tanaka, H. Tani, A. Yamashita, K. Moriishi, M. Nakakoshi, M. Tsubuki, Y. Sekiguchi, S. Tsuneda, N. Noda	J. Enzym. Inhib. Med. Chem.	Cholesterol Sulfate as a Potential Inhibitor of Hepatitis C Virus NS3 Helicase	29, 223-229	2014	
32	Y. Kagawa, N. Horita, H. Taniguchi, S. Tsuneda	Journal of Gastroenterology	Modeling of Stem Cell Dynamics in Human Colonic Crypts in silico	49, 263-269	2014	
33	A. Furuta, K. A. Salam, I. Hermawan, N. Akimitsu, J. Tanaka, H. Tani, A. Yamashita, K. Moriishi, M. Nakakoshi, M. Tsubuki, P. W. Peng, Y. Suzuki, N. Yamamoto, Y. Sekiguchi, S.	Marine Drugs	Identification and Biochemical Characterization of Halisulfate 3 and Suvanine as Novel Inhibitors of Hepatitis C Virus NS3 Helicase from a Marine Sponge	12, 462-476	2014	
34	A. Terada, J. Ito, S. Matsumoto, S. Tsuneda	J. Water Environ. Technol.	Applicability of a Sequencing Batch Membrane Biofilm Reactor for Simultaneous Nitrogen and Phosphorus Removal from Low C/N Ratio Wastewater	11, 488-496	2013	

35	K. A. Salam, A. Furuta, N. Noda, S. Tsuneda, Y. Sekiguchi, A. Yamashita, K. Moriishi, M. Nakakoshi, M. Tsubuki, H. Tani, J. Tanaka, N.	J. Nat. Med.	Psammaplin A Inhibits Hepatitis C Virus NS3 Helicase	67, 765-772	2013	
36	N. Ushiki, H. Fujitani, Y. Aoi, S. Tsuneda	Microbes and Environments	Isolation of Nitrospira Belonging to Sublineage II from a Wastewater Treatment Plant	28, 346-353	2013	
37	K. Isaka, Y. Kimura, T. Yamamoto, T. Osaka,	Bioresource Technol.	Complete Autotrophic Denitrification in a Single Reactor Using Nitritation and Anammox Gel Carriers	147, 96-101	2013	
38	H. Fujitani, Y. Aoi, S. Tsuneda	Microbes and Environments	Selective Enrichment of Two Different Types Nitrospira-like Nitrite-Oxidizing Bacteria from a Wastewater Treatment Plant	28, 236-243	2013	
39	Y. Tamura, K. Furukawa, R. Yoshimoto, Y. Kawai, M. Yoshida, S. Tsuneda, Y. Ito, H. Abe	Bioorganic & Medicinal Chemistry Letters	Detection of Pre-mRNA Splicing in vitro by an RNA-Templated Fluorogenic Reaction	22, 7248-7251	2012	

40	Y. Fujimoto, K. A. Salam, A. Furuta, Y. Matsuda, O. Fujita, H. Tani, M. Ikeda, N. Kato, N. Sakamoto, S. Maekawa, N. Enomoto, N. J. de Voogd, M. Nakakoshi, M. Tsubuki, Y. Sekiguchi, S. Tsuneda, N. Akimitsu, N. Noda, A. Yamashita, J.	PLoS ONE	Inhibition of Both Protease and Helicase Activities of Hepatitis C Virus NS3 by an Ethyl Acetate Extract of Marine Sponge Amphimedon sp.	7, e48685	2012	
41	K. Isaka, Y. Kimura, T. Osaka, S. Tsuneda	Water Res.	High-Rate Denitrification Using Polyethylene Glycol Gel Carriers Entrapping Heterotrophic Denitrifying Bacteria	46, 4941–4948	2012	
42	T. Osaka, Y. Kimura, Y. Otsubo, Y. Suwa, S.	J. Biosci. Bioeng.	Temperature Dependence for Anammox Bacteria Enriched from Freshwater Sediments	114, 429–434	2012	
43	A. Terada, K. Okuyama, M. Nishikawa, S. Tsuneda, M. Hosomi	Biotechnol. Bioeng.	The Effect of Surface Charge Property on Escherichia coli Initial Adhesion and Subsequent Biofilm Formation	109, 1745–1754	2012	
44	N. Kishida, R. Totsuka, S. Tsuneda	J. Water Environ. Technol.	Challenge for Formation of Aerobic Granular Sludge in a Continuous-Flow Reactor	10, 79–86	2012	

45	K. A. Salam, A. Furuta, N. Noda, S. Tsuneda, Y. Sekiguchi, A. Yamashita, K. Moriishi, M. Nakakoshi, M. Tsubuki, H. Tani, J. Tanaka, N.	J. Nat. Prod.	Inhibition of Hepatitis C Virus NS3 Helicase by Manoalide	75, 650-654	2012	
46	A. Yamashita, K. A. Salam, A. Furuta, Y. Matsuda, O. Fujita, H. Tani, Y. Fujita, Y. Fujimoto, M. Ikeda, N. Kato, N. Sakamoto, S. Maekawa, N. Enomoto, M. Nakakoshi, M. Tsubuki, Y. Sekiguchi, S. Tsuneda, N. Akimitsu, N. Noda, J. Tanaka, K.	Marine Drugs	Inhibition of Hepatitis C Virus Replication and Viral Helicase by Ethyl Acetate Extract of the Marine Feather Star <i>Alloeocomatella polycladia</i>	10, 744-761	2012	
47	N. Kishida, Y. Yamashita, S. Tsuneda	J. Water Environ. Technol.	Formation of Nitrifying Granules Using a Continuous Stirred Tank Reactor	10, 47-55	2012	
48	N. Kishida, G. Saeki, S. Tsuneda, R. Sudo	Water Sci. Technol.	Rapid Start-up of a Nitrifying Reactor Using Aerobic Granular Sludge as Seed Sludge	65, 581-587	2012	

49	N. Kishida, R. Miyata, A. Furuta, S. Izumiyama, S. Tsuneda, Y. Sekiguchi, N. Noda, M. Akiba	Water Res.	Quantitative Detection of Cryptosporidium Oocyst in Water Source Based on 18S rRNA by Alternately Binding Probe Competitive Reverse Transcription Polymerase Chain Reaction (ABC-RT-PCR)	46, 187-194	2012	
50	K. Furukawa, H. Abe, Y. Tamura, R. Yoshimoto, M. Yoshida, S. Tsuneda, Y. Ito	Angew. Chem. Int. Ed.	Fluorescent Detection of Intron Lariat RNAs with Reduction-Triggered Fluorescence Probes	50, 12020-12023	2011	
51	N. Abe, H. Abe, C. Nagai, M. Harada, H. Hatakeyama, H. Harashima, T. Ohshiro, M. Nishihara, K. Furukawa, M. Maeda, S. Tsuneda, Y. Ito	Bioconjugate Chem.	Synthesis, Structure, and Biological Activity of Dumbbell-Shaped Nanocircular RNAs for RNA Interference	22, 2082-2092	2011	
52	S. Morishita, N. Komatsu, K. Kirito, A. H. Koda, Y. Sekiguchi, S. Tsuneda, N. Noda	Leukemia Res.	Alternately Binding Probe Competitive PCR as a Simple, Cost-Effective, and Accurate Quantification Method for JAK2V617F Allele Burden in Myeloproliferative Neoplasms	35, 1632-1636	2011	
53	Y. Hasebe, M. Eguchi, H. Meguro, S. Tsuneda	J. Water Environ. Technol.	Significance of Reactor Type for High-Rate Nitrification Using Aerobic Granular Sludge	9, 289-296	2011	
54	K. Soejima, A. Terada, K. Naraki, S. Tsuneda	J. Water Environ. Technol.	Enhancing Nitrogen and Phosphorus Removal in an Anaerobic/Oxic/Anoxic Sequencing Batch Reactor: The Dependence of the Amount of External	9, 79-86	2011	
55	N. Kishida, R. Totsuka, A. Kono, M. Kurasawa, M. Ogiwara, S. Tsuneda	Int. J. Environ. Waste Management	Application of Nitrifying Granules to Improvement of Nitrification Activity in Activated Sludge Process	7, 122-130	2011	

56	M. de Kreuk, N. Kishida, S. Tsuneda, M.C.M. van Loosdrecht	Water Res.	Behavior of Polymeric Substrates in an Aerobic Granular Sludge System	44, 5929–5938	2010	
57	N. Kishida, A. Kono, Y. Yamashita, S. Tsuneda	J. Water Environ. Technol.	Formation of Aerobic Granular Sludge in a Continuous Flow Reactor – Control Strategy for Selection of Well-Settling Granular Sludge –	8, 251–258	2010	
58	S. Matsumoto, D. Ishikawa, G. Saeki, Y. Aoi, S. Tsuneda	Microbes and Environments	Microbial Population Dynamics and Community Structure during Formation of Nitrifying Granule Treating Ammonia-Rich Inorganic Wastewater	25, 164–170	2010	
59	T. Terahara, K. Yamada, S. Kurata, T. Yokomaku, S. Tsuneda, S.	Enzyme Microb. Technol.	Direct Cloning and Expression of Putative Esterase Genes from Environmental DNA	47, 17–23	2010	
60	Y. Date, Y. Nakanishi, S. Fukuda, T. Kato, S. Tsuneda, H. Ohno, J. Kikuchi	J. Biosci. Bioeng.	New Monitoring Approach for Metabolic Dynamics in Microbial Ecosystems Using Stable-Isotope-Labeling Technologies	110, 87–93	2010	
61	R. Miyata, K. Adachi, H. Tani, S. Kurata, K. Nakamura, S. Tsuneda, Y. Sekiguchi, N. Noda	Molecular & Cellular Probes	Quantitative Detection of Chloroethene-Reductive Bacteria Dehalococcoides spp. Using Alternately Binding Probe Competitive Polymerase Chain Reaction	24, 131–137	2010	
62	K. Furukawa, H. Abe, S. Tsuneda, Y. Ito	Org. Biomol. Chem.	Photoactivatable Fluorescein Derivatives with Azidomethyl Caging Groups for Tracing Oligonucleotides in Living Human Cells	8, 2309–2311	2010	

63	H. Tani, O. Fujita, A. Furuta, Y. Matsuda, R. Miyata, N. Akimitsu, J. Tanaka, S. Tsuneda, Y. Sekiguchi, N. Noda	Biochem. Biophys. Res. Comm.	Real-time Monitoring of RNA Helicase Activity Using Fluorescence Resonance Energy Transfer in vitro	393, 131–136	2010	
64	M. Hasegawa, T. Osaka, K. Tawaratsumida, T. Yamazaki, H. Tada, G. Y. Chen, S. Tsuneda, G. Nuñez, N. Inohara	Infect. Immun.	Transitions in Oral and Intestinal Microflora Composition and Innate Immune Receptor-Dependent Stimulation during Mouse Development	78, 639–650	2010	
65	S. Matsumoto, M. Katoku, G. Saeki, A. Terada, Y. Aoi, S. Tsuneda, C. Picioreanu, M. C. M. van	Environ. Microbiol.	Microbial Community Structure in Autotrophic Nitrifying Granules Characterized by Experimental and Simulation Analyses	12, 192–206	2009	
66	A. Shibata, H. Abe, K. Furukawa, S. Tsuneda, Y. Ito	Chem. Pharm. Bull.	Reduction-Triggered Fluorescence Probe for Peptide-Templated Reactions	57, 1223–1226	2009	
67	T. Kondo, S. Tsuneda, Y. Ebie, Y. Inamori, K. Xu	J. Water Environ. Technol.	Characterization of the Microbial Community in the Anaerobic/Oxic/Anoxic Process Combined with Sludge Ozonation and Phosphorus Adsorption	7, 155–162	2009	
68	A. Terada, J. Ito, S. Matsumoto, S. Tsuneda	J. Chem. Eng. Jpn.	Fibrous Support Stabilizes Nitrification Performance of a Membrane-Aerated Biofilm: The Effect of Liquid Flow Perturbation	42, 607–615	2009	

69	H. Tani, R. Miyata, K. Ichikawa, S. Morishita, S. Kurata, K. Nakamura, S. Tsuneda, Y.	Anal. Chem.	Universal Quenching Probe System: Flexible, Specific, and Cost-Effective Real-Time PCR Method	81, 5678-5685	2009	
70	T. Kondo, S. Tsuneda, Y. Ebie, Y. Inamori, K. Xu	J. Water Environ. Technol.	Improvement of Nutrient Removal and Phosphorus Recovery in the Anaerobic/Oxic/Anoxic Process Combined with Sludge Ozonation and Phosphorus Adsorption	7, 135-142	2009	
71	Y. Aoi, T. Kinoshita, T. Hata, H. Ohta, H. Obokata, S. Tsuneda	Appl. Environ. Microbiol.	Hollow Fiber Membrane Chamber as a Device for in situ Environmental Cultivation	75, 3826-3833	2009	
72	K. Adachi, M. Yamaguchi, M. Nakashige, T. Kanagawa, M. Torimura, S. Tsuneda, Y. Sekiguchi, N. Noda	J. Biosci. Bioeng.	Affinity Capillary Electrophoresis with Magnetic Beads for Multiplex Quantitative Analysis of Bacterial 16S rRNA	107, 662-667	2009	
73	K. Furukawa, H. Abe, K. Hibino, Y. Sako, S. Tsuneda,	Bioconjugate Chem.	Reduction-Triggered Fluorescent Amplification Probe for Detection of Endogenous RNAs in Living Human Cells	20, 1026-1036	2009	
74	S. Morishita, H. Tani, S. Kurata, K. Nakamura, S. Tsuneda, Y. Sekiguchi, N. Noda	Clin. Biochem.	Real-Time Reverse Transcription Loop- Mediated Isothermal Amplification for Rapid and Simple Quantification of WT1 mRNA	42, 515-520	2009	
75	K. Furukawa, H. Abe, J. Wang, M. Uda, H. Koshino, S. Tsuneda, Y. Ito	Org. Biomol. Chem.	Reduction-Triggered Red Fluorescent Probes for Dual-Color Detection of Oligonucleotide Sequences	7, 671-677	2009	

76	N. Kishida, S. Tsuneda, J.H. Kim, R. Sudo	J. Environ. Eng.	Simultaneous Nitrogen and Phosphorus Removal from High-Strength Industrial Wastewater Using Aerobic Granular	135, 153-158	2009	
77	Y. Date, K. Isaka, H. Ikuta, T. Sumino, N. Kaneko, S. Yoshie, S. Tsuneda, Y. Inamori	J. Biosci. Bioeng.	Microbial Diversity of Anammox Bacteria Enriched from Different Types of Seed Sludge in an Anaerobic Continuous- Feeding Cultivation Reactor	107, 281-286	2009	
78	T. Terahara, S. Ikeda, C. Noritake, K. Minamisawa, K. Ando, S. Tsuneda, S. Harayama	Soil Biol. Biochem.	Molecular Diversity of Bacterial Chitinases in Arable Soils and the Effects of Environmental Factors on the Chitinolytic Bacterial Community	41, 473-480	2009	
79	H. Tani, N. Akimitsu, O. Fujita, Y. Matsuda, R. Miyata, S. Tsuneda, M. Igarashi, Y.	Biochem. Biophys. Res. Comm.	High-Throughput Screening Assay of Hepatitis C Virus Helicase Inhibitors Using Fluorescence-Quenching Phenomenon	379, 1054-1059	2009	
80	K. Isaka, Y. Suwa, Y. Kimura, T. Yamagishi, T. Sumino, S. Tsuneda	Appl. Microbiol. Biotechnol.	Anaerobic Ammonium Oxidation (Anammox) Irreversibly Inhibited by Methanol	81, 379-385	2008	
81	Y. Date, K. Isaka, T. Sumino, S. Tsuneda, Y. Inamori	Water Sci. Technol.	Microbial Community of Anammox Bacteria Immobilized in Polyethylene Glycol Gel Carrier	58, 1121-1128	2008	
82	Y. Kimochi, T. Masada, Y. Mikami, S. Tsuneda, R. Sudo	Water Sci. Technol.	Tertiary Treatment of Domestic Wastewater Using Zeolite Ceramics and Aquatic Plants	58, 847-851	2008	
83	T. Osaka, K. Shirotani, S. Yoshie, S. Tsuneda	Water Res.	Effects of Carbon Source on Denitrification Efficiency and Microbial Community Structure in a Saline Wastewater Treatment Process	42, 3709-3718	2008	

84	K. Furukawa, H. Abe, N. Abe, M. Harada, S. Tsuneda, Y. Ito	Bioorganic & Medicinal Chemistry Letters	Fluorescence Generation from Tandem Repeats of a Malachite Green RNA Aptamer Using Rolling Circle Transcription	18, 4562-4565	2008	
85	N. Kishida, S. Tsuneda, Y. Sakakibara, J.H. Kim, R. Sudo	Water Sci. Technol.	Real-Time Control Strategy for Simultaneous Nitrogen and Phosphorus Removal Using Aerobic Granular Sludge	58, 445-450	2008	
86	H. Abe, J. Wang, K. Furukawa, K. Oki, M. Uda, S. Tsuneda, Y. Ito	Bioconjugate Chem.	A Reduction-Triggered Fluorescence Probe for Sensing Nucleic Acids	19, 1219-1226	2008	
87	K. Soejima, S. Matsumoto, S. Ogushi, K. Naraki, A. Terada, S. Tsuneda, A. Hirata	Process Biochem.	Modeling and Experimental Study on the Anaerobic/Aerobic/Anoxic Process for Simultaneous Nitrogen and Phosphorus Removal: The Effect of Acetate Addition	43, 605-614	2008	
88	H. Urakawa, J. Matsumoto, K. Inaba, S. Tsuneda	FEMS Microbiol. Lett.	DNA Microarray Mediated Transcriptional Profiling of Nitrosomonas europaea in Response to Linear Alkylbenzene Sulfonates	282, 166-173	2008	
89	T. Osaka, Y. Ebie, S. Tsuneda, Y. Inamori	FEMS Microbiol. Ecology	Identification of the Bacterial Community Involved in Methane-Dependent Denitrification in Activated Sludge Using DNA Stable-Isotope Probing	64, 494-506	2008	
90	K. Isaka, Y. Date, Y. Kimura, T. Sumino, S. Tsuneda	FEMS Microbiol. Lett.	Nitrogen Removal Performance Using Anaerobic Ammonium Oxidation at Low Temperatures	282, 32-38	2008	
91	A. Shibata, K. Furukawa, H. Abe, S. Tsuneda, Y. Ito	Bioorganic & Medicinal Chemistry Letters	Rhodamine-Based Fluorogenic Probe for Imaging Biological Thiol	18, 2246-2249	2008	
92	K. Yamada, T. Terahara, S. Kurata, T. Yokomaku, S. Tsuneda	Environ. Microbiol.	Retrieval of Entire Genes from Environmental DNA by Inverse PCR with Pre-Amplification of Target Genes Using Primers Containing Locked Nucleic Acids	10, 978-987	2008	