

Fumitake Nishimura

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Determination of Sex Hormones and Nonylphenol Ethoxylates in the Aqueous Matrixes of Two Pilot-Scale Municipal Wastewater Treatment Plants. <i>Environmental Science & Technology</i> , 2004, 38, 3028-3035.	10.0	96
2	O ₃ /H ₂ O ₂ Process for Both Removal of Odorous Algal-Derived Compounds and Control of Bromate Ion Formation. <i>Ozone: Science and Engineering</i> , 2011, 33, 121-135.	2.5	41
3	Impact of Long-Term Perfluorooctanoic Acid (PFOA) Exposure on Activated Sludge Process. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	39
4	Effects of microbial activity on perfluorinated carboxylic acids (PFCAs) generation during aerobic biotransformation of fluorotelomer alcohols in activated sludge. <i>Science of the Total Environment</i> , 2018, 610-611, 776-785.	8.0	35
5	Effect of alkaline microwaving pretreatment on anaerobic digestion and biogas production of swine manure. <i>Scientific Reports</i> , 2017, 7, 1668.	3.3	33
6	A simple biofilm model of bacterial competition for attached surface. <i>Water Research</i> , 2002, 36, 996-1006.	11.3	28
7	Biodegradation Property of 8:2 Fluorotelomer Alcohol (8:2 FTOH) under Aerobic/Anoxic/Anaerobic Conditions. <i>Journal of Water and Environment Technology</i> , 2016, 14, 177-190.	0.7	28
8	Behavior of inorganic elements during sludge ozonation and their effects on sludge solubilization. <i>Water Research</i> , 2011, 45, 2029-2037.	11.3	23
9	Enhanced generation of perfluoroalkyl carboxylic acids (PFCAs) from fluorotelomer alcohols (FTOHs) via ammonia-oxidation process. <i>Chemosphere</i> , 2018, 198, 311-319.	8.2	18
10	Changes of microbial substrate metabolic patterns through a wastewater reuse process, including WWTP and SAT concerning depth. <i>Water Research</i> , 2014, 60, 105-117.	11.3	15
11	Removal of high concentration ammonia from wastewater by a combination of partial nitrification and anammox treatment. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1485-1489.	2.2	13
12	Investigation of 1,4-dioxane originating from incineration residues produced by incineration of municipal solid waste. <i>Chemosphere</i> , 2008, 71, 894-901.	8.2	12
13	Anammox reactor exposure to thiocyanate: Long-term performance and microbial community dynamics. <i>Bioresource Technology</i> , 2020, 317, 123960.	9.6	11
14	Evaluation of a novel oxidation ditch system with dual DO control technology for biological nutrient removal by mass balance analysis. <i>Desalination</i> , 2012, 286, 24-33.	8.2	10
15	REMOVAL OF AMMONIUM NITROGEN IN BIO-ZEOLITE REACTOR. <i>Doboku Gakkai Ronbunshu</i> , 1994, 1994, 159-166.	0.2	9
16	Removal of Dissolved Organic Matter and Disinfection By-products Formation Potential in the Upper Layer during Soil Aquifer Treatment. <i>Journal of Water and Environment Technology</i> , 2015, 13, 107-118.	0.7	9
17	Occurrence of tributyltin (TBT)-resistant bacteria is not related to TBT pollution in Mekong River and coastal sediment: With a hypothesis of selective pressure from suspended solid. <i>Chemosphere</i> , 2007, 68, 1459-1464.	8.2	8
18	Applicability of <i>Corbicula</i> as a bioindicator for monitoring organochlorine pesticides in fresh and brackish waters. <i>Environmental Monitoring and Assessment</i> , 2011, 179, 47-63.	2.7	8

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19	Anaerobic Digestion of Oxidation Ditch Sludge at Low Temperatures with Hyperthermophilic Pretreatment. <i>Journal of Water and Environment Technology</i> , 2019, 17, 67-75.	0.7	8
20	Bioaccumulation and primary risk assessment of persistent organic pollutants with various bivalves. <i>Water Science and Technology</i> , 2012, 66, 2620-2629.	2.5	7
21	Spatial and daily variations of nitrous oxide emissions from biological reactors in a full-scale activated sludge anoxic/oxic process. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 333-339.	2.2	7
22	Effects of using lactic acid bacteria in the storage and subsequent anaerobic co-digestion of crushed kitchen garbage. <i>Bioresource Technology Reports</i> , 2021, 13, 100640.	2.7	6
23	Development of a combined BAC and bz reactor for removal of nitrogen in wastewater from sludge drying process. <i>Water Science and Technology</i> , 1996, 34, 145.	2.5	5
24	Nitrogen behavior during sludge ozonation: a long-term observation by pilot experiments. <i>Water Science and Technology</i> , 2014, 70, 289-296.	2.5	5
25	Utilization of high solid waste activated sludge from small facilities by anaerobic digestion and application as fertilizer. <i>Water Science and Technology</i> , 2019, 80, 2320-2327.	2.5	5
26	Growth Characteristics of Photosynthetic Bacteria Cultured in Anaerobic Digestate of Sewage Sludge to be Used as Fertilizer. <i>Waste and Biomass Valorization</i> , 0, , 1.	3.4	4
27	Evaluation of PFCA removal by SAT using a pilot-scale reactor. <i>Water Practice and Technology</i> , 2017, 12, 706-716.	2.0	2
28	Evaluation of Dissolved Organic Matter Removals through WWT and SAT Using Pilot-Scale and Lab-Scale Reactors. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	2
29	Cultivation of Filtered Anaerobically Digested Sewage Sludge under Light Illumination for Improvement of Fertilizer Quality. <i>Journal of Japan Society on Water Environment</i> , 2021, 44, 27-33.	0.4	2
30	Development of a combined BAC and BZ reactor for removal of nitrogen in wastewater from sludge drying process. <i>Water Science and Technology</i> , 1996, 34, 145-151.	2.5	2
31	MODELING OF BIOACCUMULATION CHARACTERISTICS OF POPs IN BIVALVES. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2013, 69, 137-156.	0.1	1
32	Nitrogen Behavior in the Advanced Sewage Treatment Process Combined Sludge Ozonation and Phosphorus Recovery. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 578-587.	0.0	1
33	DEVELOPMENT OF STORAGE METHOD OF CRUSHED KITCHEN GARBAGE USING LACTIC ACID FERMENTATION IN JOHKASOU FOR METHANE FERMENTATION. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2020, 76, III_491-III_501.	0.1	1
34	GENETIC DIVERSITY AND GENETIC STRUCTURE OF AN ENDANGERED SPECIES, ERIOCAULON NUDICUSPE, GROWING IN ARTIFICIAL DISTURBING HABITATS. <i>International Journal of GEOMATE</i> , 2017, 13, .	0.3	1
35	MODELING AND OPERATION PARAMETERS FOR SINGLE HIGH-LOADED DENITRIFICATION REACTOR. <i>Doboku Gakkai Ronbunshu</i> , 1994, 1994, 149-158.	0.2	0
36	OPERATIONAL PARAMETERS OF COMBINED BAC AND BZ REACTOR FOR NITROGEN REMOVAL FROM SLUDGE-DRYING SCRUBBER WASTEWATER. <i>Doboku Gakkai Ronbunshu</i> , 1997, 1997, 61-69.	0.2	0

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37	Water Quality of Grove Soil Leachate under Artificial Acid Rain and Its Effects on the Growth of Aquatic Microorganisms.. Journal of Japan Society on Water Environment, 2000, 23, 510-515.	0.4	0
38	CHARACTERISTICS OF NUTRIENTS RUNOFF FROM SIGENOBU RIVER BASINS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_1225-I_1230.	0.1	0
39	Effects of Crush Process on Methane Conversion Efficiency in Thermophilic Anaerobic Digestion with Coffee Grounds. Journal of Water and Environment Technology, 2014, 12, 245-257.	0.7	0
40	Approach to Performance Stabilization for High-Efficiency Solid-Liquid Separation and Anammox Treatment of Mainstream Municipal Wastewater. Journal of Environmental Conservation Engineering, 2016, 45, 313-324.	0.1	0
41	Improvement of Anammox Rate in High-Efficiency Solid-Liquid Separation and Anammox Treatment of Mainstream Municipal Wastewater. Journal of Japan Society on Water Environment, 2016, 39, 145-152.	0.4	0
42	RUNOFF CHARACTERISTICS OF STORMWATER AND WASHOFF WATER QUALITY FROM ROOF AND ROAD SURFACES. Proceedings of Hydraulic Engineering, 2001, 45, 55-60.	0.0	0
43	AMMONIA REMOVAL CHARACTERISTICS OF POROUS CONCRETE WITH ZEOLITE FOR ENHANCING SELF-PURIFICATION ABILITY IN RIVER SYSTEM. International Journal of GEOMATE, 2015, , .	0.3	0
44	TREATMENT CHARACTERISTICS AND OPERATIONAL PARAMETERS OF A NEWLY DEVELOPED REACTOR WITH SLUDGE SEPARATION FILTER AND AIRLIFT PUMP FOR CARBON AND NITROGEN REMOVAL. Journal of Urban and Environmental Engineering, 0, , 136-141.	0.3	0