

Kyohei Kuroda

List of Publications by Year in descending order

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1242
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Chasing the elusive Euryarchaeota class WSA2: genomes reveal a uniquely fastidious methyl-reducing methanogen. <i>ISME Journal</i> , 2016, 10, 2478-2487. | 9.8 | 239 |
| 2 | Evaluating digestion efficiency in full-scale anaerobic digesters by identifying active microbial populations through the lens of microbial activity. <i>Scientific Reports</i> , 2016, 6, 34090. | 3.3 | 87 |
| 3 | Operation-driven heterogeneity and overlooked feed-associated populations in global anaerobic digester microbiome. <i>Water Research</i> , 2017, 124, 77-84. | 11.3 | 82 |
| 4 | Community Composition of Known and Uncultured Archaeal Lineages in Anaerobic or Anoxic Wastewater Treatment Sludge. <i>Microbial Ecology</i> , 2015, 69, 586-596. | 2.8 | 59 |
| 5 | Cometabolism of the Superphylum Patescibacteria with Anammox Bacteria in a Long-Term Freshwater Anammox Column Reactor. <i>Water (Switzerland)</i> , 2021, 13, 208. | 2.7 | 51 |
| 6 | High organic loading treatment for industrial molasses wastewater and microbial community shifts corresponding to system development. <i>Bioresource Technology</i> , 2015, 196, 225-234. | 9.6 | 49 |
| 7 | A Single-Granule-Level Approach Reveals Ecological Heterogeneity in an Upflow Anaerobic Sludge Blanket Reactor. <i>PLoS ONE</i> , 2016, 11, e0167788. | 2.5 | 46 |
| 8 | Thermodynamically diverse syntrophic aromatic compound catabolism. <i>Environmental Microbiology</i> , 2017, 19, 4576-4586. | 3.8 | 32 |
| 9 | Temporal variation of eukaryotic community structures in UASB reactor treating domestic sewage as revealed by 18S rRNA gene sequencing. <i>Scientific Reports</i> , 2019, 9, 12783. | 3.3 | 26 |
| 10 | Identification and Detection of Prokaryotic Symbionts in the Ciliate <i>Metopus</i> from Anaerobic Granular Sludge. <i>Microbes and Environments</i> , 2015, 30, 335-338. | 1.6 | 23 |
| 11 | Effects of Predation by Protists on Prokaryotic Community Function, Structure, and Diversity in Anaerobic Granular Sludge. <i>Microbes and Environments</i> , 2016, 31, 279-287. | 1.6 | 22 |
| 12 | Development of a BRâ€“UASBâ€“DHS system for natural rubber processing wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 459-465. | 2.2 | 21 |
| 13 | High-rate cotreatment of purified terephthalate and dimethyl terephthalate manufacturing wastewater by a mesophilic upflow anaerobic sludge blanket reactor and the microbial ecology relevant to aromatic compound degradation. <i>Water Research</i> , 2022, 219, 118581. | 11.3 | 20 |
| 14 | 16S rRNA gene-based comprehensive analysis of microbial community compositions in a full-scale leachate treatment system. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 708-715. | 2.2 | 15 |
| 15 | Diversity Profile of Microbes Associated with Anaerobic Sulfur Oxidation in an Upflow Anaerobic Sludge Blanket Reactor Treating Municipal Sewage. <i>Microbes and Environments</i> , 2015, 30, 157-163. | 1.6 | 13 |
| 16 | Metabolic Potential of the Superphylum <i>Patescibacteria</i> ; Reconstructed from Activated Sludge Samples from a Municipal Wastewater Treatment Plant. <i>Microbes and Environments</i> , 2022, 37, n/a. | 1.6 | 11 |
| 17 | Ecogenomics Reveals Microbial Metabolic Networks in a Psychrophilic Methanogenic Bioreactor Treating Soy Sauce Production Wastewater. <i>Microbes and Environments</i> , 2021, 36, n/a. | 1.6 | 9 |
| 18 | Influence of Green Tuff Fertilizer Application on Soil Microorganisms, Plant Growth, and Soil Chemical Parameters in Green Onion (<i>Allium fistulosum</i> L.) Cultivation. <i>Agronomy</i> , 2020, 10, 929. | 3.0 | 8 |

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|----|---|------|-----------|
| 19 | Elucidation of the biodegradation pathways of bis(2-hydroxyethyl) terephthalate and dimethyl terephthalate under anaerobic conditions revealed by enrichment culture and microbiome analysis. Chemical Engineering Journal, 2022, 450, 137916. | 12.7 | 8 |
| 20 | Development of UASB-DHS System for Treating Industrial Wastewater Containing Ethylene Glycol. Journal of Water and Environment Technology, 2015, 13, 131-140. | 0.7 | 7 |
| 21 | Draft Genome Sequence of <i>Anaerolineae</i> Strain TC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. Genome Announcements, 2015, 3, . | 0.8 | 7 |
| 22 | Development of slow sponge sand filter (SpSF) as a post-treatment of UASB-DHS reactor effluent treating municipal wastewater. Water Science and Technology, 2016, 74, 65-72. | 2.5 | 7 |
| 23 | Accurate evaluation of blackening disease in lotus (<i>Nelumbo nucifera</i> Gaertn.) using a quantitative PCR-based assay for <i>Hirschmanniella diversa</i> Sher and H. imamuri Sher. Crop Protection, 2021, 139, 105380. | 2.1 | 7 |
| 24 | Draft Genome Sequence of Bacteroidales Strain TBC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. Genome Announcements, 2015, 3, . | 0.8 | 4 |
| 25 | Microbial community structure of a simultaneous nitrogen and phosphorus removal reactor following treatment in a UASB-DHS system. Water Science and Technology, 2015, 71, 454-461. | 2.5 | 4 |
| 26 | Growth of nitrite-oxidizing <i>Nitrospira</i> and ammonia-oxidizing <i>Nitrosomonas</i> in marine recirculating trickling biofilter reactors. Environmental Microbiology, 2022, 24, 3735-3750. | 3.8 | 4 |
| 27 | Development of animal feeding additives from mushroom waste media of shochu lees. International Journal of Recycling of Organic Waste in Agriculture, 2019, 8, 215-220. | 2.0 | 3 |
| 28 | Reduction of alkalinity supplementation for acid-based wastewater treatment using a thermophilic multi-feed upflow anaerobic sludge blanket reactor. Environmental Technology (United Kingdom), 2021, 42, 32-42. | 2.2 | 3 |
| 29 | Assessing the effect of green tuff as a novel natural inorganic carrier on methane-producing activity of an anaerobic sludge microbiome. Environmental Technology and Innovation, 2021, 24, 101835. | 6.1 | 3 |
| 30 | Diversity of <i>Candidatus</i> <i>Patescibacteria</i> in Activated Sludge Revealed by a Size-Fractionation Approach. Microbes and Environments, 2022, 37, n/a. | 1.6 | 3 |
| 31 | Phylogenetic analyses of the lotus root parasitic nematodes <i>Hirschmanniella diversa</i> and <i>H. imamuri</i> based on the 18S ribosomal RNA (rRNA) gene and 5.8S rRNA gene/internal transcribed spacer region. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2021, 51, 5-9. | 0.3 | 2 |
| 32 | Development of the Edible Mushroom Cultivation Technology Based on the Combined Use of Sewage Sludge and Local Biomass. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2016, 72, III_515-III_522. | 0.1 | 1 |
| 33 | High Organic Loading Treatment of Synthetic Soy-sauce Production Wastewater Using a Combined System Consisting of a Psychrophilic (20 °C) UASB Reactor and a DHS Reactor at Ambient Temperature. Journal of Japan Society on Water Environment, 2017, 40, 67-75. | 0.4 | 1 |
| 34 | Development of the Button Mushroom Cultivation Technology Based on the Combined Use of Sewage Sludge Compost and Cow Manure. Journal of Japan Society of Civil Engineers Ser G (Environmental) 1000-0000/2021/0000-0000/0000 | 0.1 | 1 |
| 35 | YIELD IMPROVEMENT OF BUTTON MUSHROOM (<i>AGARICUS BISPORUS</i>) PRODUCTION BY USE OF SEWAGE SLUDGE COMPOST AND CONVERSION OF WASTE BEDS TO FERTILIZER. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2018, 74, III_101-III_109. | 0.1 | 1 |
| 36 | MOLECULAR ANALYSIS OF LOTUS PRODUCTION SOIL CAUSING REPLANT PROBLEM AND EVALUATION OF FERTILIZATION EFFECT OF BACILLUS AND NON-PARASITIC NEMATODES PREDOMINATED COMPOST. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2018, 74, III_255-III_264. | 0.1 | 1 |

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|----|---|-----|-----------|
| 37 | Chemical and Microbial Characteristics of Blackening Disease in Lotus (<i>Nelumbo nucifera</i> Gaertn.) Caused by <i>Hirschmanniella diversa</i> Sher. <i>Agronomy</i> , 2021, 11, 2517. | 3.0 | 1 |
| 38 | Implementation of design based learning for the development of SDGs educational games. <i>Journal of Technology and Science Education</i> , 2022, 12, 496. | 1.2 | 1 |
| 39 | Development of mass production technology of mushroom using sewage sludge and consideration for agricultural use of CO ₂ gas generated in mushroom cultivation process. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2019, 75, III_443-III_450. | 0.1 | 0 |
| 40 | CHANGES OF MICROBIAL AND NEMATODES COMMUNITY STRUCTURES IN SWEETPOTATO (<i>IPOMOEA</i>) Tj ETQq0 0 0 rgBT /Overlock Society of Civil Engineers Ser G (Environmental Research), 2020, 76, III_141-III_148. | 0.1 | 0 |