

# Kyohei Kuroda

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

884  
citations

623188

14  
h-index

500791

28  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1242  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.3	20
2	Diversity of <i>Candidatus</i> Patescibacteria in Activated Sludge Revealed by a Size-Fractionation Approach. <i>Microbes and Environments</i> , 2022, 37, n/a.	0.7	3
3	Growth of nitrite-oxidizing <i>Nitrospira</i> and ammonia-oxidizing <i>Nitrosomonas</i> in marine recirculating trickling biofilter reactors. <i>Environmental Microbiology</i> , 2022, 24, 3735-3750.	1.8	4
4	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.	0.7	11
5	Implementation of design based learning for the development of SDGs educational games. <i>Journal of Technology and Science Education</i> , 2022, 12, 496.	0.5	1
6	Elucidation of the biodegradation pathways of bis(2-hydroxyethyl) terephthalate and dimethyl terephthalate under anaerobic conditions revealed by enrichment culture and microbiome analysis. <i>Chemical Engineering Journal</i> , 2022, 450, 137916.	6.6	8
7	Reduction of alkalinity supplementation for acid-based wastewater treatment using a thermophilic multi-feed upflow anaerobic sludge blanket reactor. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 32-42.	1.2	3
8	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 <i>H. imamuri</i> Sher. <i>Crop Protection</i> , 2021, 139, 105380.	1.0	7
9	Ecogenomics Reveals Microbial Metabolic Networks in a Psychrophilic Methanogenic Bioreactor Treating Soy Sauce Production Wastewater. <i>Microbes and Environments</i> , 2021, 36, n/a.	0.7	9
10	Assessing the effect of green tuff as a novel natural inorganic carrier on methane-producing activity of an anaerobic sludge microbiome. <i>Environmental Technology and Innovation</i> , 2021, 24, 101835.	3.0	3
11	Cometabolism of the Superphylum <i>Patescibacteria</i> with Anammox Bacteria in a Long-Term Freshwater Anammox Column Reactor. <i>Water (Switzerland)</i> , 2021, 13, 208.	1.2	51
12	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.	1.3	1
13	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. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2021, 51, 5-9.	0.3	2
14	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.	1.3	8
15	CHANGES OF MICROBIAL AND NEMATODES COMMUNITY STRUCTURES IN SWEETPOTATO ( <i>IPOMOEA</i> ) Tj ETQq1 1 0.784314 rgBT (C Society of Civil Engineers Ser G (Environmental Research), 2020, 76, III_141-III_148.	0.1	0
16	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.	1.6	26
17	Development of animal feeding additives from mushroom waste media of shochu lees. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019, 8, 215-220.	2.0	3
18	Development of mass production technology of mushroom using sewage sludge and consideration for agricultural use of CO <sub>2</sub> 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

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19	YIELD IMPROVEMENT OF BUTTON MUSHROOM ( <i>AGARICUS BISPORUS</i> ) PRODUCTION BY USE OF SEWAGE SLUDGE COMPOST AND CONVERSION OF WASTE BEDS TO FERTILIZER. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2018, 74, III_101-III_109.	0.1	1
20	MOLECULAR ANALYSIS OF LOTUS PRODUCTION SOIL CAUSING REPLANT PROBLEM AND EVALUATION OF FERTILIZATION EFFECT OF BACILLUS AND NON-PARASITIC NEMATODES PREDOMINATED COMPOST. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2018, 74, III_255-III_264.	0.1	1
21	Thermodynamically diverse syntrophic aromatic compound catabolism. <i>Environmental Microbiology</i> , 2017, 19, 4576-4586.	1.8	32
22	Operation-driven heterogeneity and overlooked feed-associated populations in global anaerobic digester microbiome. <i>Water Research</i> , 2017, 124, 77-84.	5.3	82
23	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. <i>Journal of Japan Society on Water Environment</i> , 2017, 40, 67-75.	0.1	1
24	Development of the Button Mushroom Cultivation Technology Based on the Combined Use of Sewage Sludge Compost and Cow Manure. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental)</i>	0.1	1
25	Development of the Edible Mushroom Cultivation Technology Based on the Combined Use of Sewage Sludge and Local Biomass. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, III_515-III_522.	0.1	1
26	Development of slow sponge sand filter (SpSF) as a post-treatment of UASB-DHS reactor effluent treating municipal wastewater. <i>Water Science and Technology</i> , 2016, 74, 65-72.	1.2	7
27	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.	0.7	22
28	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.	1.1	15
29	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.	1.6	87
30	Chasing the elusive Euryarchaeota class WSA2: genomes reveal a uniquely fastidious methyl-reducing methanogen. <i>ISME Journal</i> , 2016, 10, 2478-2487.	4.4	239
31	Development of a UASB-DHS system for natural rubber processing wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 459-465.	1.2	21
32	A Single-Granule-Level Approach Reveals Ecological Heterogeneity in an Upflow Anaerobic Sludge Blanket Reactor. <i>PLoS ONE</i> , 2016, 11, e0167788.	1.1	46
33	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.	0.7	13
34	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.	0.7	23
35	Development of UASB-DHS System for Treating Industrial Wastewater Containing Ethylene Glycol. <i>Journal of Water and Environment Technology</i> , 2015, 13, 131-140.	0.3	7
36	Draft Genome Sequence of Bacteroidales Strain TBC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. <i>Genome Announcements</i> , 2015, 3, .	0.8	4

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37	Draft Genome Sequence of <i>Anaerolineae</i> Strain TC1, a Novel Isolate from a Methanogenic Wastewater Treatment System. <i>Genome Announcements</i> , 2015, 3, .	0.8	7
38	High organic loading treatment for industrial molasses wastewater and microbial community shifts corresponding to system development. <i>Bioresource Technology</i> , 2015, 196, 225-234.	4.8	49
39	Microbial community structure of a simultaneous nitrogen and phosphorus removal reactor following treatment in a UASB-DHS system. <i>Water Science and Technology</i> , 2015, 71, 454-461.	1.2	4
40	Community Composition of Known and Uncultured Archaeal Lineages in Anaerobic or Anoxic Wastewater Treatment Sludge. <i>Microbial Ecology</i> , 2015, 69, 586-596.	1.4	59