

Kyohei Kuroda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4158367/publications.pdf>

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	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
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.	1.6	87
3	Operation-driven heterogeneity and overlooked feed-associated populations in global anaerobic digester microbiome. <i>Water Research</i> , 2017, 124, 77-84.	5.3	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.	1.4	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.	1.2	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.	4.8	49
7	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
8	Thermodynamically diverse syntrophic aromatic compound catabolism. <i>Environmental Microbiology</i> , 2017, 19, 4576-4586.	1.8	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.	1.6	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.	0.7	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.	0.7	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.	1.2	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.	5.3	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.	1.1	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.	0.7	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.	0.7	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.	0.7	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.	1.3	8

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
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 <i>H. imamuri</i> Sher. <i>Crop Protection</i> , 2021, 139, 105380.	1.0	7
24	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
25	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
26	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
27	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
28	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
29	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
30	Diversity of <i>Candidatus</i> <i>Patescibacteria</i> in Activated Sludge Revealed by a Size-Fractionation Approach. <i>Microbes and Environments</i> , 2022, 37, n/a.	0.7	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. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 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. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 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. <i>Journal of Japan Society on Water Environment</i> , 2017, 40, 67-75.	0.1	1
34	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>		
35	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
36	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

#	ARTICLE	IF	CITATIONS
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.	1.3	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.	0.5	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 (<i>Environmental Research</i>), 2020, 76, III_141-III_148.	0.1	0