

Daisuke Tanikawa

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

383
citations

840776

11
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic biological treatment of EG/PG water-soluble copolymer coupled with down-flow hanging sponge reactor. <i>Environmental Technology and Innovation</i> , 2021, 21, 101325.	6.1	5
2	Direct resource recovery from sewage using a combined system of anaerobic-aerobic biological treatment and food production. <i>Water Practice and Technology</i> , 2021, 16, 1206-1214.	2.0	2
3	Seeding the drainage canal of a wastewater treatment system for the natural rubber industry with rubber for the enhanced removal of organic matter and nitrogen. <i>Chemosphere</i> , 2021, 283, 131233.	8.2	12
4	Development of a molasses wastewater treatment system equipped with a biological desulfurization process. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24738-24748.	5.3	9
5	Evaluation of key factors for residual rubber coagulation in natural rubber processing wastewater. <i>Journal of Water Process Engineering</i> , 2020, 33, 101041.	5.6	15
6	Pre-treatment and post-treatment systems for enhancing natural rubber industrial wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2020, 138, 256-262.	5.6	18
7	Estimation of microbial community for denitrification in the down-flow hanging sponge (DHS) reactor. <i>International Biodeterioration and Biodegradation</i> , 2020, 153, 105022.	3.9	6
8	Non-aerated single-stage nitrogen removal using a down-flow hanging sponge reactor as post-treatment for nitrogen-rich wastewater treatment. <i>Chemosphere</i> , 2019, 233, 645-651.	8.2	30
9	Characteristics of greenhouse gas emissions from an anaerobic wastewater treatment system in a natural rubber processing factory. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2954-2961.	2.2	5
10	Elimination of hydrogen sulfide from biogas by a two-stage trickling filter system using effluent from anaerobic-aerobic wastewater treatment. <i>International Biodeterioration and Biodegradation</i> , 2018, 130, 98-101.	3.9	16
11	High-rate anaerobic treatment system for solid/lipid-rich wastewater using anaerobic baffled reactor with scum recovery. <i>Bioresource Technology</i> , 2018, 263, 145-152.	9.6	33
12	Effluent treatment in an aquaponics-based closed aquaculture system with single-stage nitrification-denitrification using a down-flow hanging sponge reactor. <i>International Biodeterioration and Biodegradation</i> , 2018, 132, 268-273.	3.9	38
13	A novel approach for toluene gas treatment using a downflow hanging sponge reactor. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5625-5634.	3.6	9
14	Development of downflow hanging sponge (DHS) reactor as post treatment of existing combined anaerobic tank treating natural rubber processing wastewater. <i>Water Science and Technology</i> , 2017, 75, 57-68.	2.5	38
15	Performance evaluation of the pilot scale upflow anaerobic sludge blanket - Downflow hanging sponge system for natural rubber processing wastewater treatment in South Vietnam. <i>Bioresource Technology</i> , 2017, 237, 204-212.	9.6	36
16	Anaerobic Baffled Reactor in Treatment of Natural Rubber Processing Wastewater: Reactor Performance and Analysis of Microbial Community. <i>Journal of Water and Environment Technology</i> , 2017, 15, 241-251.	0.7	10
17	Application of Anaerobic Baffled Reactor for Agro-Industrial Wastewater Treatment. <i>International Journal of Hydrology</i> , 2017, 1, .	0.6	1
18	Treatment of natural rubber processing wastewater using a combination system of a two-stage up-flow anaerobic sludge blanket and down-flow hanging sponge system. <i>Water Science and Technology</i> , 2016, 73, 1777-1784.	2.5	27

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19	Impact of aluminum chloride on process performance and microbial community structure of granular sludge in an upflow anaerobic sludge blanket reactor for natural rubber processing wastewater treatment. <i>Water Science and Technology</i> , 2016, 74, 500-507.	2.5	10
20	Ammonia Stripping from High Ammonia-Containing Wastewater by Downflow Hanging Sponge (DHS) Reactor. <i>Journal of Water and Environment Technology</i> , 2016, 14, 303-307.	0.7	7
21	Evaluation of Process Performance for Lipid-rich Wastewater Treatment Using a Combination System of an Anaerobic Baffled Reactor and an Aerobic Trickling Filter. <i>Journal of Water and Environment Technology</i> , 2016, 14, 90-95.	0.7	3
22	Greenhouse gas emissions from open-type anaerobic wastewater treatment system in natural rubber processing factory. <i>Journal of Cleaner Production</i> , 2016, 119, 32-37.	9.3	24
23	Development of a BRÁUASBÁDHS system for natural rubber processing wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 459-465.	2.2	21
24	Development of UASB-DHS System for Treating Industrial Wastewater Containing Ethylene Glycol. <i>Journal of Water and Environment Technology</i> , 2015, 13, 131-140.	0.7	7
25	CHARACTERISTICS OF METHANE EMISSION FROM ANAEROBIC LAGOON SYSTEM TREATING PALM OIL MILL EFFLUENT (POME). <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2013, 69, 157-165.	0.1	0
26	Performance of DHS Reactor for Treatment of Toluene Gas. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2012, 68, III_595-III_601.	0.1	1
27	Obstruction of Mesophilic Non-dilution Methane Fermentation Processing from Results of Microbial Consortia Analysis. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , 2010, 21, 10-18.	0.0	0