Daisuke Tanikawa

List of Publications by Year
in descending order

27	383	840776 11	794594 19
papers	citations	h-index	g-index

27	27	27	332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of downflow hanging sponge (DHS) reactor as post treatment of existing combined anaerobic tank treating natural rubber processing wastewater. Water Science and Technology, 2017, 75, 57-68.	2.5	38
2	Effluent treatment in an aquaponics-based closed aquaculture system with single-stage nitrificationâ€“denitrification using a down-flow hanging sponge reactor. International Biodeterioration and Biodegradation, 2018, 132, 268-273.	3.9	38
3	Performance evaluation of the pilot scale upflow anaerobic sludge blanket â€“ Downflow hanging sponge system for natural rubber processing wastewater treatment in South Vietnam. Bioresource Technology, 2017, 237, 204-212.	9.6	36
4	High-rate anaerobic treatment system for solid/lipid-rich wastewater using anaerobic baffled reactor with scum recovery. Bioresource Technology, 2018, 263, 145-152.	9.6	33
5	Non-aerated single-stage nitrogen removal using a down-flow hanging sponge reactor as post-treatment for nitrogen-rich wastewater treatment. Chemosphere, 2019, 233, 645-651.	8.2	30
6	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. Water Science and Technology, 2016, 73, 1777-1784.	2.5	27
7	Greenhouse gas emissions from open-type anaerobic wastewater treatment system in natural rubber processing factory. Journal of Cleaner Production, 2016, 119, 32-37.	9.3	24
8	Development of a BRâ€“UASBâ€“DHS system for natural rubber processing wastewater treatment. Environmental Technology (United Kingdom), 2016, 37, 459-465.	2.2	21
9	Pre-treatment and post-treatment systems for enhancing natural rubber industrial wastewater treatment. Chemical Engineering Research and Design, 2020, 138, 256-262.	5.6	18
10	Elimination of hydrogen sulfide from biogas by a two-stage trickling filter system using effluent from anaerobicâ€“aerobic wastewater treatment. International Biodeterioration and Biodegradation, 2018, 130, 98-101.	3.9	16
11	Evaluation of key factors for residual rubber coagulation in natural rubber processing wastewater. Journal of Water Process Engineering, 2020, 33, 101041.	5.6	15
12	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. Chemosphere, 2021, 283, 131233.	8.2	12
13	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. Water Science and Technology, 2016, 74, 500-507.	2.5	10
14	Anaerobic Baffled Reactor in Treatment of Natural Rubber Processing Wastewater: Reactor Performance and Analysis of Microbial Community. Journal of Water and Environment Technology, 2017, 15, 241-251.	0.7	10
15	A novel approach for toluene gas treatment using a downflow hanging sponge reactor. Applied Microbiology and Biotechnology, 2018, 102, 5625-5634.	3.6	9
16	Development of a molasses wastewater treatment system equipped with a biological desulfurization process. Environmental Science and Pollution Research, 2020, 27, 24738-24748.	5.3	9
17	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
18	Ammonia Stripping from High Ammonia-Containing Wastewater by Downflow Hanging Sponge (DHS) Reactor. Journal of Water and Environment Technology, 2016, 14, 303-307.	0.7	7

#	Article	IF	Citations
19	Estimation of microbial community for denitrification in the down-flow hanging sponge (DHS) reactor. International Biodeterioration and Biodegradation, 2020, 153, 105022.	3.9	6
20	Characteristics of greenhouse gas emissions from an anaerobic wastewater treatment system in a natural rubber processing factory. Environmental Technology (United Kingdom), 2019, 40, 2954-2961.	2.2	5
21	Anaerobic biological treatment of EG/PG water-soluble copolymer coupled with down-flow hanging sponge reactor. Environmental Technology and Innovation, 2021, 21, 101325.	6.1	5
22	Evaluation of Process Performance for Lipid-rich Wastewater Treatment Using a Combination System of an Anaerobic Baffled Reactor and an Aerobic Trickling Filter. Journal of Water and Environment Technology, 2016, 14, 90-95.	0.7	3
23	Direct resource recovery from sewage using a combined system of anaerobic-aerobic biological treatment and food production. Water Practice and Technology, 2021, 16, 1206-1214.	2.0	2
24	Performance of DHS Reactor for Treatment of Toluene Gas. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2012, 68, III_595-III_601.	0.1	1
25	Application of Anaerobic Baffled Reactor for Agro-Industrial Wastewater Treatment. International Journal of Hydrology, 2017, 1, .	0.6	1
26	CHARACTERISTICS OF METHANE EMISSION FROM ANAEROBIC LAGOON SYSTEM TREATING PALM OIL MILL EFFLUENT (POME). Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2013, 69, 157-165.	0.1	0
27	Obstruction of Mesophilic Non-dilution Methane Fermentation Processing from Results of Microbial Consortia Analysis. Journal of the Japan Society of Material Cycles and Waste Management, 2010, 21, 10-18.	0.0	0