Shuhei Takizawa

List of Publications by Year
in descending order

9	119	1478280 6	1474057 9
papers	citations	h-index	g-index

9	9	9	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pretreatment with rumen fluid improves methane production in the anaerobic digestion of paper sludge. Waste Management, 2018, 78, 379-384.	3.7	37
2	Preservation of rumen fluid for the pretreatment of waste paper to improve methane production. Waste Management, 2019, 87, 672-678.	3.7	17
3	Pretreatment of Lignocellulosic Biomass with Cattle Rumen Fluid for Methane Production: Fate of Added Rumen Microbes and Indigenous Microbes of Methane Seed Sludge. Microbes and Environments, 2019, 34, 421-428.	0.7	17
4	Recovery of the fibrolytic microorganisms from rumen fluid by flocculation for simultaneous treatment of lignocellulosic biomass and volatile fatty acid production. Journal of Cleaner Production, 2020, 257, 120626.	4.6	15
5	Change of Endoglucanase Activity and Rumen Microbial Community During Biodegradation of Cellulose Using Rumen Microbiota. Frontiers in Microbiology, 2020, 11, 603818.	1.5	11
6	Shifts in xylanases and the microbial community associated with xylan biodegradation during treatment with rumen fluid. Microbial Biotechnology, 2022, 15, 1729-1743.	2.0	9
7	Exploration of microbial communities contributing to effective methane production from scum under anaerobic digestion. PLoS ONE, 2021, 16, e0257651.	1.1	7
8	Sodium dodecyl sulfate improves the treatment of waste paper with rumen fluid at lower concentration but decreases at higher condition. Journal of Material Cycles and Waste Management, 2020, 22, 656-663.	1.6	3
9	Characteristics of various fibrolytic isozyme activities in the rumen microbial communities of Japanese Black and Holstein Friesian cattle under different conditions. Animal Science Journal, 2021, 92, e13653.	0.6	3