Katsunori Yanagawa

List of Publications by Year
in descending order

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25	658	567281 15	610901 24
papers	citations	h-index	g-index

26	26	26	862
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Abundance ofZetaproteobacteriawithin crustal fluids in backâ€arc hydrothermal fields of the Southern Mariana Trough. Environmental Microbiology, 2009, 11, 3210-3222.	3.8	93
2	Niche Separation of Methanotrophic Archaea (ANME-1 and -2) in Methane-Seep Sediments of the Eastern Japan Sea Offshore Joetsu. Geomicrobiology Journal, 2011, 28, 118-129.	2.0	61
3	Ecological and genomic profiling of anaerobic methane-oxidizing archaea in a deep granitic environment. ISME Journal, 2018, 12, 31-47.	9.8	59
4	Formation and Collapse of Gas Hydrate Deposits in High Methane Flux Area of the Joetsu Basin, Eastern Margin of Japan Sea. Journal of Geography (Chigaku Zasshi), 2009, 118, 43-71.	0.3	58
5	Metabolically active microbial communities in marine sediment under high-CO2 and low-pH extremes. ISME Journal, 2013, 7, 555-567.	9.8	51
6	The first microbiological contamination assessment by deep-sea drilling and coring by the D/V Chikyu at the Iheya North hydrothermal field in the Mid-Okinawa Trough (IODP Expedition 331). Frontiers in Microbiology, 2013, 4, 327.	3.5	40
7	First Cultivation and Ecological Investigation of a Bacterium Affiliated with the Candidate Phylum OP5 from Hot Springs. Applied and Environmental Microbiology, 2008, 74, 6223-6229.	3.1	37
8	Effects of low pH conditions on decay of methanogenic biomass. Water Research, 2020, 179, 115883.	11.3	34
9	Molecular and Isotopic Composition of Volatiles in Gas Hydrates and in Sediment from the Joetsu Basin, Eastern Margin of the Japan Sea. Energies, 2015, 8, 4647-4666.	3.1	30
10	Microbial Community Stratification Controlled by the Subseafloor Fluid Flow and Geothermal Gradient at the Iheya North Hydrothermal Field in the Mid-Okinawa Trough (Integrated Ocean Drilling) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.1	28
11	Variability of subseafloor viral abundance at the geographically and geologically distinct continental margins. FEMS Microbiology Ecology, 2014, 88, 60-68.	2.7	26
12	Distinct microbial communities thriving in gas hydrate-associated sediments from the eastern Japan Sea. Journal of Asian Earth Sciences, 2014, 90, 243-249.	2.3	25
13	Biogeochemical Cycle of Methanol in Anoxic Deep-Sea Sediments. Microbes and Environments, 2016, 31, 190-193.	1.6	20
14	Transition of microbiological and sedimentological features associated with the geochemical gradient in a travertine mound in northern Sumatra, Indonesia. Sedimentary Geology, 2016, 343, 85-98.	2.1	19
15	Defining boundaries for the distribution of microbial communities beneath the sediment-buried, hydrothermally active seafloor. ISME Journal, 2017, 11, 529-542.	9.8	18
16	Endolithic Microbial Habitats Hosted in Carbonate Nodules Currently Forming within Sediment at a High Methane Flux Site in the Sea of Japan. Geosciences (Switzerland), 2019, 9, 463.	2.2	13
17	Gas hydrate estimates in muddy sediments from the oxygen isotope of water fraction. Chemical Geology, 2017, 470, 107-115.	3.3	9
18	Ubiquity of Euglena mutabilis Population in Three Ecologically Distinct Acidic Habitats in Southwestern Japan. Water (Switzerland), 2021, 13, 1570.	2.7	9

#	Article	IF	Citations
19	Dissolved gas analysis of pore water in subsurface sediments retrieved at eastern margin of Japan Sea (MD179 gas hydrates cruise). Journal of the Japanese Association for Petroleum Technology, 2012, 77, 268-273.	0.0	7
20	Geochemistry of pore waters from gas hydrate research in the eastern margin of the Japan Sea (MD179). Journal of the Japanese Association for Petroleum Technology, 2012, 77, 262-267.	0.0	7
21	Microbial Community Structures and Methanogenic Functions in Wetland Peat Soils. Microbes and Environments, 2022, 37, n/a.	1.6	4
22	A new model for a hydrothermal circulation system and limit of the life. Journal of the Geological Society of Japan, 2017, 123, 237-250.	0.6	1
23	Quantification of Microbial Communities in Hydrothermal Vent Habitats of the Southern Mariana Trough and the Mid-Okinawa Trough. , 2015, , 61-69.		1
24	A Novel Archaeal Lineage in Boiling Hot Springs around Oyasukyo Gorge (Akita, Japan). Microbes and Environments, 2021, 36, n/a.	1.6	1
25	Subseafloor biosphere mediating global methane cycle. Journal of the Japanese Association for Petroleum Technology, 2012, 77, 374-383.	0.0	0