Mitsuru Eguchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12169298/publications.pdf

Version: 2024-02-01

38 papers	679 citations	567281 15 h-index	580821 25 g-index
40 all docs	40 docs citations	40 times ranked	702 citing authors

#	Article	IF	Citations
1	Community structure of actively growing bacteria in a coastal fish-farming area. PLoS ONE, 2020, 15, e0235336.	2.5	5
2	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
3	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
4	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
5	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
6	Distribution of Flavobacterium psychrophilum and its gyrA genotypes in a river. Fisheries Science, 2019, 85, 913-923.	1.6	7
7	Microbial decomposition process of organic matter in sinking particles, resuspendable particles, and bottom sediments at a coastal fish farming area. Fisheries Science, 2017, 83, 635-647.	1.6	4
8	Environmental microbes in finfish aquaculture. Nippon Suisan Gakkaishi, 2017, 83, 333-336.	0.1	0
9	Microbial communities in various waters used for fish larval rearing. Aquaculture Research, 2016, 47, 370-378.	1.8	4
10	Influence of seasonal solar ultraviolet radiation on microbial mineralization activity in tidal flats in Osaka Bay, Japan. Fisheries Science, 2015, 81, 1099-1104.	1.6	1
11	Community structures of actively growing bacteria stimulated by coral mucus. Journal of Experimental Marine Biology and Ecology, 2015, 469, 105-112.	1.5	23
12	Bacterial production is enhanced by coral mucus in reef systems. Journal of Experimental Marine Biology and Ecology, 2014, 461, 331-336.	1.5	13
13	Population structure of the fish pathogen Flavobacterium psychrophilum at whole-country and model river levels in Japan. Veterinary Research, 2013, 44, 34.	3.0	51
14	Benefits of live phytoplankton, Chlorella vulgaris, as a biocontrol agent against fish pathogen Vibrio anguillarum. Fisheries Science, 2012, 78, 367-373.	1.6	14
15	Microbial mineralization of organic matter in sinking particles, bottom sediments and seawater in a coastal fish culturing area. Aquaculture Research, 2012, 43, 1741-1755.	1.8	7
16	Quantitative PCR assay for the detection of the parasitic ciliate Cryptocaryon irritans. Fisheries Science, 2011, 77, 607-613.	1.6	22
17	The Phytoplankton Nannochloropsis oculata Enhances the Ability of Roseobacter Clade Bacteria to Inhibit the Growth of Fish Pathogen Vibrio anguillarum. PLoS ONE, 2011, 6, e26756.	2.5	69
18	Viable but Non-culturable State of Bacterial Cold-water Disease Pathogen Flavobacterium psychrophilum at Various Temperatures. Fish Pathology, 2010, 45, 158-163.	0.7	10

#	Article	IF	Citations
19	Dynamics of the Bacterial Cold-water Disease Pathogen, Flavobacterium psychrophilum, in Infected Fish Organs and Rearing Water after Warmed Water Treatment. Fish Pathology, 2010, 45, 58-65.	0.7	18
20	Safety of electrolyzed seawater for use in aquaculture. Aquaculture, 2007, 264, 119-129.	3.5	30
21	Transcriptional regulation of the Na+-NADH:quinone oxidoreductase gene, nqr, in Vibrioï¿½anguillarum, a fish pathogen, in the stationary phase. Fisheries Science, 2007, 73, 348-355.	1.6	2
22	Analysis of bacterial communities in Nannochloropsis sp. cultures used for larval fish production. Fisheries Science, 2007, 73, 543-549.	1.6	19
23	Association between bacterial community structures and mortality of fish larvae in intensive rearing systems. Fisheries Science, 2007, 73, 784-791.	1.6	20
24	Short-term covariation of dissolved oxygen and phytoplankton photosynthesis in a coastal fish aquaculture site. Estuarine, Coastal and Shelf Science, 2007, 74, 515-527.	2.1	21
25	Response to low osmotic stress in a fish pathogen, Vibrio anguillarum. FEMS Microbiology Ecology, 2006, 22, 225-231.	2.7	15
26	Significance of Na+in the fish pathogen,Vibrio anguillarum, under energy depleted condition. FEMS Microbiology Letters, 2004, 234, 163-167.	1.8	15
27	Characteristics of Na+-dependent respiratory chain in Vibrio anguillarum, a fish pathogen, in comparison with other marine Vibrios. FEMS Microbiology Ecology, 2003, 44, 225-230.	2.7	13
28	Physiological State of Vibrio anguillarum, a Fish Pathogen, under Starved and Low-Osmotic Environments.. Microbes and Environments, 2003, 18, 160-166.	1.6	7
29	Survival of Vibrio anguillarum, a Fish Pathogen, in Freshwater by Forming Biofilms.. Microbes and Environments, 2003, 18, 196-202.	1.6	7
30	Disinfection of seawater for hatchery aquaculture systems using electrolytic water treatment. Aquaculture, 2002, 207, 213-224.	3.5	62
31	Sphingomonas alaskensis Strain AFO1, an Abundant Oligotrophic Ultramicrobacterium from the North Pacific. Applied and Environmental Microbiology, 2001, 67, 4945-4954.	3.1	82
32	Survival of Vibrio anguillarum in freshwater environments: adaptation or debilitation?. Journal of Infection and Chemotherapy, 2000, 6, 126-129.	1.7	32
33	The starvation-stress response of Vibrio (Listoneila) anguillarum. Microbiology (United Kingdom), 1997, 143, 2305-2312.	1.8	34
34	Direct Detection of a Fish Pathogen, Vibrio anguillarum Serotype J-O-1, in Freshwater by Fluorescent Antibody Technique. Fisheries Science, 1997, 63, 253-257.	1.6	13
35	Dissolved Oxygen Consumption by Bottom Sediments of Shrimp Pond and Mangrove Forest in Thailand. Fisheries Science, 1997, 63, 480-481.	1.6	2
36	Occurrence of viable photoautotrophic picoplankton in the aphotic zone of Lake Biwa, Japan. Journal of Plankton Research, 1996, 18, 539-550.	1.8	17

#	Article	IF	Citations
37	Development of Monoclonal Antibodies that Specifically React with a Fish Pathogen, Vibrio anguillarum serotype J-O-1. Fisheries Science, 1996, 62, 710-714.	1.6	7
38	Oligotrophic properties of heterotrophic bacteria and in situ heterotrophic activity in pelagic seawates. FEMS Microbiology Letters, 1990, 73, 23-30.	1.8	25