Mitsuru Eguchi

List of Publications by Year
in descending order

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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	Sphingomonas alaskensis Strain AFO1, an Abundant Oligotrophic Ultramicrobacterium from the North Pacific. Applied and Environmental Microbiology, 2001, 67, 4945-4954.	3.1	82
2	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
3	Disinfection of seawater for hatchery aquaculture systems using electrolytic water treatment. Aquaculture, 2002, 207, 213-224.	3.5	62
4	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
5	The starvation-stress response of Vibrio (Listoneila) anguillarum. Microbiology (United Kingdom), 1997, 143, 2305-2312.	1.8	34
6	Survival of Vibrio anguillarum in freshwater environments: adaptation or debilitation?. Journal of Infection and Chemotherapy, 2000, 6, 126-129.	1.7	32
7	Safety of electrolyzed seawater for use in aquaculture. Aquaculture, 2007, 264, 119-129.	3.5	30
8	Oligotrophic properties of heterotrophic bacteria and in situ heterotrophic activity in pelagic seawates. FEMS Microbiology Letters, 1990, 73, 23-30.	1.8	25
9	Community structures of actively growing bacteria stimulated by coral mucus. Journal of Experimental Marine Biology and Ecology, 2015, 469, 105-112.	1.5	23
10	Quantitative PCR assay for the detection of the parasitic ciliate Cryptocaryon irritans. Fisheries Science, 2011, 77, 607-613.	1.6	22
11	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
12	Association between bacterial community structures and mortality of fish larvae in intensive rearing systems. Fisheries Science, 2007, 73, 784-791.	1.6	20
13	Analysis of bacterial communities in Nannochloropsis sp. cultures used for larval fish production. Fisheries Science, 2007, 73, 543-549.	1.6	19
14	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
15	Occurrence of viable photoautotrophic picoplankton in the aphotic zone of Lake Biwa, Japan. Journal of Plankton Research, 1996, 18, 539-550.	1.8	17
16	Significance of Na+in the fish pathogen,Vibrio anguillarum, under energy depleted condition. FEMS Microbiology Letters, 2004, 234, 163-167.	1.8	15
17	Response to low osmotic stress in a fish pathogen, Vibrio anguillarum. FEMS Microbiology Ecology, 2006, 22, 225-231.	2.7	15
18	Benefits of live phytoplankton, Chlorella vulgaris, as a biocontrol agent against fish pathogen Vibrio anguillarum. Fisheries Science, 2012, 78, 367-373.	1.6	14

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19	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
20	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
21	Bacterial production is enhanced by coral mucus in reef systems. Journal of Experimental Marine Biology and Ecology, 2014, 461, 331-336.	1.5	13
22	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
23	Physiological State of Vibrio anguillarum, a Fish Pathogen, under Starved and Low-Osmotic Environments.. Microbes and Environments, 2003, 18, 160-166.	1.6	7
24	Survival of Vibrio anguillarum, a Fish Pathogen, in Freshwater by Forming Biofilms.. Microbes and Environments, 2003, 18, 196-202.	1.6	7
25	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
26	Distribution of Flavobacterium psychrophilum and its gyrA genotypes in a river. Fisheries Science, 2019, 85, 913-923.	1.6	7
27	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
28	Community structure of actively growing bacteria in a coastal fish-farming area. PLoS ONE, 2020, 15, e0235336.	2.5	5
29	Microbial communities in various waters used for fish larval rearing. Aquaculture Research, 2016, 47, 370-378.	1.8	4
30	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
31	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
32	Dissolved Oxygen Consumption by Bottom Sediments of Shrimp Pond and Mangrove Forest in Thailand. Fisheries Science, 1997, 63, 480-481.	1.6	2
33	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
34	Environmental microbes in finfish aquaculture. Nippon Suisan Gakkaishi, 2017, 83, 333-336.	0.1	0
35	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
36	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0

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37	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0
38	Community structure of actively growing bacteria in a coastal fish-farming area. , 2020, 15, e0235336.		0