

Haruo Yamaguchi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Morphology of <i>Gambierdiscus scabrosus</i> sp. nov. (Gonyaulacales): a new epiphytic toxic dinoflagellate from coastal areas of Japan. <i>Journal of Phycology</i> , 2014, 50, 506-514.	2.3	68
2	Research note: High efficiency transformation of the diatom <i>Phaeodactylum tricornutum</i> with a promoter from the diatom <i>Cylindrotheca fusiformis</i> . <i>Phycological Research</i> , 2009, 57, 142-146.	1.6	57
3	Quantitative PCR assay for detection and enumeration of ciguatera-causing dinoflagellate <i>Gambierdiscus</i> spp. (Gonyaulacales) in coastal areas of Japan. <i>Harmful Algae</i> , 2016, 52, 11-22.	4.8	44
4	RNA Sequencing Revealed Numerous Polyketide Synthase Genes in the Harmful Dinoflagellate <i>Karenia mikimotoi</i> . <i>PLoS ONE</i> , 2015, 10, e0142731.	2.5	37
5	Characterization of marine diatom-infecting virus promoters in the model diatom <i>Phaeodactylum tricornutum</i> . <i>Scientific Reports</i> , 2015, 5, 18708.	3.3	34
6	Utilization of phosphate diester by the marine diatom <i>Chaetoceros ceratosporus</i> . <i>Journal of Plankton Research</i> , 2005, 27, 603-606.	1.8	29
7	Phosphotriesterase activity in marine bacteria of the genera <i>Phaeobacter</i> , <i>Ruegeria</i> , and <i>Thalassospira</i> . <i>International Biodeterioration and Biodegradation</i> , 2016, 115, 186-191.	3.9	29
8	Utilization of phosphate diesters by phosphodiesterase-producing marine diatoms. <i>Journal of Plankton Research</i> , 2014, 36, 281-285.	1.8	24
9	Temperature and salinity effects and toxicity of <i>Gambierdiscus caribaeus</i> (Dinophyceae) from Thailand. <i>Phycologia</i> , 2016, 55, 274-278.	1.4	24
10	Occurrence of <i>Karenia papilionacea</i> (Dinophyceae) and its novel sister phylotype in Japanese coastal waters. <i>Harmful Algae</i> , 2016, 57, 59-68.	4.8	24
11	Effects of temperature, salinity and their interaction on growth of the benthic dinoflagellate <i>Ostreopsis</i> cf. <i>ovata</i> (Dinophyceae) from Japanese coastal waters. <i>Phycological Research</i> , 2012, 60, 297-304.	1.6	23
12	Effects of temperature, salinity and their interaction on growth of toxic <i>Ostreopsis</i> sp. 1 and <i>Ostreopsis</i> sp. 6 (Dinophyceae) isolated from Japanese coastal waters. <i>Fisheries Science</i> , 2013, 79, 285-291.	1.6	21
13	Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR. <i>Harmful Algae</i> , 2021, 103, 102008.	4.8	20
14	Culture method and growth characteristics of marine benthic dinoflagellate <i>Ostreopsis</i> spp. isolated from Japanese coastal waters. <i>Fisheries Science</i> , 2012, 78, 993-1000.	1.6	19
15	Characterization of <i>Gambierdiscus</i> and <i>Cyclodinium</i> (<i>Dinophyceae</i>) isolates from Thailand based on morphology and phylogeny. <i>Phycological Research</i> , 2015, 63, 125-133.	1.6	17
16	Abundance and seasonal population dynamics of the potentially ciguatera-causing dinoflagellate <i>Gambierdiscus</i> in Japanese coastal areas between 2007 and 2013. <i>Plankton and Benthos Research</i> , 2018, 13, 46-58.	0.6	14
17	Development of endogenous promoters that drive high-level expression of introduced genes in the model diatom <i>Phaeodactylum tricornutum</i> . <i>Marine Genomics</i> , 2018, 42, 41-48.	1.1	12
18	The effects of light intensity on the growth of Japanese <i>Gambierdiscus</i> spp. (Dinophyceae). <i>Harmful Algae</i> , 2016, 60, 107-115.	4.8	9

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19	Determination of optimal culture conditions for toxin production by a <i>Prorocentrum lima</i> complex strain with high diarrhetic shellfish toxins yield. <i>Harmful Algae</i> , 2021, 103, 102025.	4.8	9
20	Horizontal and vertical distribution of <i>Gambierdiscus</i> spp. (Dinophyceae) including novel phylotypes in Japan identified by 18S rDNA metabarcoding. <i>Harmful Algae</i> , 2022, 111, 102163.	4.8	7
21	Bloom dynamics of noxious <i>Chattonella</i> spp. (Raphidophyceae) in contrastingly enclosed coastal environments: a comparative study of two coastal regions. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 657-663.	0.8	6
22	Growth Rate-dependent Cell Death of Diatoms due to Viral Infection and Their Subsequent Coexistence in a Semi-continuous Culture System. <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	6
23	Development of a method to assess the ichthyotoxicity of the harmful marine microalgae <i>Karenia</i> spp. using gill cell cultures from red sea bream (<i>Pagrus major</i>). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1603-1612.	2.3	5
24	Effects of temperature, salinity, and light intensity on the growth of the diatom <i>Rhizosolenia setigera</i> in Japan. <i>Phycologia</i> , 2020, 59, 551-555.	1.4	4
25	Selective utilization of phosphorus compounds by <i>Chaetoceros tenuissimus</i> (Bacillariophyceae): Approach using ^{31}P nuclear magnetic resonance analysis. <i>Phycological Research</i> , 2022, 70, 151-159.	1.6	2
26	Preliminary Analysis of Diatom-infecting Viruses in Ariake Sound, Japan. <i>Japan Agricultural Research Quarterly</i> , 2019, 53, 223-228.	0.4	0
27	Occurrence of <i>Takayama</i> (Dinophyceae) in Uranouchi Inlet, Japan. <i>Plankton and Benthos Research</i> , 2022, 17, 100-103.	0.6	0