Aki Kato

List of Publications by Year
in descending order

27	523	933447 10	642732 23
papers	citations	h-index	g-index

27	27	27	538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	REVISION OF THE MASTOPHOROIDEAE (CORALLINALES, RHODOPHYTA) AND POLYPHYLY IN NONGENICULATE SPECIES WIDELY DISTRIBUTED ON PACIFIC CORAL REEFS1. Journal of Phycology, 2011, 47, 662-672.	2.3	91
2	Dolomite-rich coralline algae in reefs resist dissolution in acidified conditions. Nature Climate Change, 2013, 3, 268-272.	18.8	90
3	GENETIC DIVERSITY AND INTROGRESSION IN TWO CULTIVATED SPECIES (PORPHYRA) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 OFPORPHYRA(BANGIALES, RHODOPHYTA)¹. Journal of Phycology, 2009, 45, 493-502.	2.3	62
4	Estimate of calcification responses to thermal and freshening stresses based on culture experiments with symbiotic and aposymbiotic primary polyps of a coral, Acropora digitifera. Global and Planetary Change, 2012, 92-93, 1-7.	3.5	36
5	Comparative study of wild and cultivated Porphyra yezoensis (Bangiales, Rhodophyta) based on molecular and morphological data. Journal of Applied Phycology, 2008, 20, 261-270.	2.8	34
6	Taxonomic circumscription of heterogeneous species <scp>N</scp>eogoniolithon brassicaâ€florida (<scp>C</scp>orallinales, <scp>R</scp>hodophyta) in <scp>J</scp>apan. Phycological Research, 2013, 61, 15-26.	1.6	33
7	REASSESSMENT OF THE LITTLE-KNOWN CRUSTOSE RED ALGAL GENUSPOLYSTRATA(GIGARTINALES), BASED ON MORPHOLOGY AND SSU rDNA SEQUENCES. Journal of Phycology, 2006, 42, 922-933.	2.3	29
8	Calcification responses of symbiotic and aposymbiotic corals to near-future levels of ocean acidification. Biogeosciences, 2013, 10, 6807-6814.	3.3	26
9	Negative effects of ocean acidification on two crustose coralline species using genetically homogeneous samples. Marine Environmental Research, 2014, 94, 1-6.	2.5	19
10	Characterization of the crustose red alga Peyssonnelia japonica (Rhodophyta, Gigartinales) and its taxonomic relationship with Peyssonneliaâ€ƒboudouresquei based on morphological and molecular data. Phycological Research, 2009, 57, 74-86.	1.6	15
11	Recent introduction of a freshwater red alga Chantransia macrospora (Batrachospermales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.6	10
12	A morphological study of Peyssonnelia meridionalis (Gigartinales, Rhodophyta), with discussion of spermatangial types within the genus. Phycologia, 2002, 41, 191-198.	1.4	9
13	Molecular evidence confirms the parasite Congracilaria babae (Gracilariaceae, Rhodophyta) from Malaysia. Journal of Applied Phycology, 2014, 26, 1287-1300.	2.8	9
14	Distribution of Lithophyllum kuroshioense sp. nov., Lithophyllum subtile and L. kaiseri (Corallinales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	8
15	Effects of water temperature, light and nitrate on the growth of sporelings of the non-geniculate coralline alga Lithophyllum okamurae (Corallinales, Rhodophyta). Journal of Applied Phycology, 2020, 32, 1923-1931.	2.8	8
16	A new crustose red alga Peyssonnelia rumoiana (Rhodophyta, Gigartinales) from Japan. Phycological Research, 2003, 51, 21-28.	1.6	6
17	TAXONOMY AND PHYLOGENY OF NEPHROSELMIS CLAVISTELLA SP. NOV. (NEPHROSELMIDOPHYCEAE,) Tj ETQq1 1 0.784314	2.3	5
18	Nephroselmis excentrica sp. nov. (Nephroselmidophyceae, Chlorophyta) from Okinawa-jima, Japan. Phycologia, 2012, 51, 271-282.	1.4	5

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19	A new crustose red alga Peyssonnelia rumoiana (Rhodophyta, Gigartinales) from Japan. Phycological Research, 2003, 51, 21-28.	1.6	5
20	Sexually reproducing populations ofPeyssonnelia rosenvingii(Gigartinales, Rhodophyta) in the North Pacific. European Journal of Phycology, 2000, 35, 93-96.	2.0	4
21	New records of Peyssonnelia armorica and Peyssonnelia harveyana (Rhodophyta, Gigartinales) from Japan. Phycological Research, 2005, 53, 266-274.	1.6	4
22	Global Diversity and Geographic Distributions of Padina Species (Dictyotales, Phaeophyceae): New Insights Based on Molecular and Morphological Analyses. Journal of Phycology, 2021, 57, 454-472.	2.3	4
23	Two new species of Padina (Dictyotales, Phaeophyceae) from southern Japan, P. ogasawaraensis sp. nov. and P. reniformis sp. nov., based on morphology and molecular markers. Phycologia, 2018, 57, 20-31.	1.4	3
24	Western Pacific. Coastal Research Library, 2017, , 335-347.	0.4	2
25	Chemical composition of Laurencia spp. collected from the Seto Inland Sea of Japan. Biochemical Systematics and Ecology, 2021, 96, 104259.	1.3	2
26	Morphological and molecular assessment of Lithophyllum okamurae with the description of L. neo-okamurae sp. nov. (Corallinales, Rhodophyta). Phycologia, 0, , 1-15.	1.4	2
27	A review of the influence of ocean acidification on marine organisms in coral reefs. Oceanography in Japan, 2010, 19, 21-40.	0.5	2