

Ga Hun Boo

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Supermatrix Data Highlight the Phylogenetic Relationships of Photosynthetic Stramenopiles. Protist, 2012, 163, 217-231.	0.6	102
2	Complex phylogeographic patterns in the freshwater alga <i>Synura</i> provide new insights into ubiquity vs. endemism in microbial eukaryotes. Molecular Ecology, 2010, 19, 4328-4338.	2.0	77
3	Highly Conserved Mitochondrial Genomes among Multicellular Red Algae of the Florideophyceae. Genome Biology and Evolution, 2015, 7, 2394-2406.	1.1	76
4	Analysis of the Draft Genome of the Red Seaweed <i>Gracilariopsis chorda</i> Provides Insights into Genome Size Evolution in Rhodophyta. Molecular Biology and Evolution, 2018, 35, 1869-1886.	3.5	71
5	A novel phylogeny of the Gelidiales (Rhodophyta) based on five genes including the nuclear CesaA, with descriptions of <i>Orthogonacladia</i> gen. nov. and <i>Orthogonacladiaceae</i> fam. nov.. Molecular Phylogenetics and Evolution, 2016, 101, 359-372.	1.2	45
6	Mitogenomes from type specimens, a genotyping tool for morphologically simple species: ten genomes of agar-producing red algae. Scientific Reports, 2016, 6, 35337.	1.6	41
7	Taxonomy and distribution of selected species of the agarophyte genus <i>Gelidium</i> (Gelidiales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 T	1.5	37
8	Taxonomy and biogeography of <i>Agarum</i> and <i>Thalassiophyllum</i> (Laminariales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T 831-840.	0.4	31
9	<i>Gelidiophycus</i> (Rhodophyta: Gelidiales): A new genus of marine algae from East Asia. Taxon, 2013, 62, 1105-1116.	0.4	31
10	Genetic connectivity between trans-oceanic populations of <i>Capreolia implexa</i> (Gelidiales, Rhodophyta) in cool temperate waters of Australasia and Chile. Aquatic Botany, 2014, 119, 73-79.	0.8	29
11	Morphology and phylogeny of <i>Ramirezia osornoensis</i> gen. & sp. nov. and <i>Phyllymenia acletoi</i> sp. nov. (Halymeniales, Rhodophyta) from South America. Phycologia, 2014, 53, 23-36.	0.6	24
12	Contrasting patterns of genetic structure and phylogeography in the marine agarophytes <i>Gelidiophycus divaricatus</i> and <i>G. freshwateri</i> (Gelidiales, Rhodophyta) from East Asia. Journal of Phycology, 2019, 55, 1319-1334.	1.0	24
13	Phylogenomics and multigene phylogenies decipher two new cryptic marine algae from California, <i>Gelidium gabrielsonii</i> and <i>G. kathyanniae</i> (Gelidiales, Rhodophyta). Journal of Phycology, 2019, 55, 160-172.	1.0	22
14	A revised classification of the Gelidiellaceae (Rhodophyta) with descriptions of three new genera: <i>Huismaniella</i> , <i>Millerella</i> and <i>Perronella</i> . Taxon, 2016, 65, 965-979.	0.4	21
15	Phylogenetic Relationships of <i>Gelidiella</i> (Gelidiales, Rhodophyta) from Madagascar with a Description of <i>Gelidiella incrassata</i> sp. nov.. Cryptogamie, Algologie, 2015, 36, 219-237.	0.3	19
16	<i>Cryptonemia rotunda</i> (Halymeniales) and <i>Schizymenia apoda</i> (Nemastomatales), two new records of red algae from Korea. Algae, 2012, 27, 1-8.	0.9	19
17	CLASSIFICATION OF THE GENUS <i>ISHIGE</i> (ISHIGEALES, PHAEOPHYCEAE) IN THE NORTH PACIFIC OCEAN WITH RECOGNITION OF <i>ISHIGE FOLIACEA</i> BASED ON PLASTID <i>rbcL</i> AND MITOCHONDRIAL <i>cox3</i> GENE SEQUENCES ¹ . Journal of Phycology, 2009, 45, 906-913.	1.0	18
18	Genomic and phylogenetic analysis of <i>Ceramium cimbricum</i> (Ceramiales, Rhodophyta) from the Atlantic and Pacific Oceans supports the naming of a new invasive Pacific entity <i>Ceramium sungminbooi</i> sp. nov.. Botanica Marina, 2016, 59, 211-222.	0.6	16

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19	<i>Neorubra decipiens</i> gen. & comb. nov. and <i>Phyllymenia lancifolia</i> comb. nov. (Halymeniales, Rhodophyta) from South America. <i>Phycologia</i> , 2014, 53, 409-422.	0.6	15
20	Distribution patterns and introduction pathways of the cosmopolitan brown alga <i>Colpomenia peregrina</i> using mt cox3 and atp6 sequences. <i>Journal of Applied Phycology</i> , 2014, 26, 491-504.	1.5	15
21	Genetic segregation and differentiation of a common subtidal alga <i>Pterocladia lucida</i> (Gelidiales,) Tj ETQq1 1 0.784314 rgBT /Overloc 1.5	1.5	15
22	Genetic discontinuity of <i>Digenea</i> (Rhodomelaceae, Rhodophyta) from Mexico supports recognition of two new species, <i>D. mexicana</i> and <i>D. rafaelii</i> . <i>Algae</i> , 2018, 33, 231-241.	0.9	15
23	The invasive seaweed <i>Sargassum filicinum</i> (Fucales, Phaeophyceae) is on the move along the Mexican Pacific coastline. <i>Botanica Marina</i> , 2012, 55, 547-551.	0.6	14
24	Transfer of the red alga <i>Gelidium zollingeri</i> Sonder (Gelidiales) to <i>Yonagunia</i> (Halymeniales) based on morphological and molecular evidence. <i>Phycologia</i> , 2013, 52, 279-287.	0.6	12
25	Two Novel Species of <i>Yonagunia</i> (Halymeniales, Rhodophyta) were Uncovered in the South of Madagascar during the Atimo-Vatae Expedition. <i>Cryptogamie, Algologie</i> , 2015, 36, 199-217.	0.3	12
26	Molecular identification of gelidioid algae (Gelidiales, Rhodophyta) from Singapore with a description of <i>Gelidium sentosaense</i> sp. nov. <i>Phycologia</i> , 2016, 55, 247-256.	0.6	12
27	Kelps in Korea: from population structure to aquaculture to potential carbon sequestration. <i>Algae</i> , 2022, 37, 85-103.	0.9	12
28	<i>Parviphycus albertanoae</i> sp. nov. (Gelidiales, Rhodophyta) from the Mediterranean Sea. <i>Phycologia</i> , 2014, 53, 243-251.	0.6	10
29	<i>Hypnea musciformis</i> (Cystocloniaceae) from the Yucatan Peninsula: morphological variability in relation to life-cycle phase. <i>Phycologia</i> , 2016, 55, 230-242.	0.6	10
30	Mitochondrial cox1 and cob sequence diversities in <i>Gelidium vagum</i> (Gelidiales, Rhodophyta) in Korea. <i>Algae</i> , 2014, 29, 15-25.	0.9	10
31	Complete mitochondrial genome of the agarophyte red alga <i>Gelidium vagum</i> (Gelidiales). <i>Mitochondrial DNA</i> , 2014, 25, 267-268.	0.6	9
32	Morphological reassessment and molecular assessment of <i>Sargassum</i> (Fucales: Phaeophyceae) species from the Gulf of California, Mexico. <i>Phytotaxa</i> , 2014, 183, 201.	0.1	9
33	<i>Gelidium adriaticum</i> sp. nov. and <i>Gelidium carolinianum</i> sp. nov. (Gelidiales, Rhodophyta) from the Mediterranean Sea. <i>Phycologia</i> , 2019, 58, 359-373.	0.6	9
34	Phylogenetic relationships and biogeography of <i>Ptilophora</i> (Gelidiales, Rhodophyta) with descriptions of <i>P. aureolusa</i> , <i>P. amalagasya</i> and <i>P. spongiophila</i> from Madagascar. <i>Journal of Phycology</i> , 2018, 54, 249-263.	1.0	8
35	Complete Mitochondrial Genomes Reveal Population-Level Patterns in the Widespread Red Alga <i>Gelidiella fanii</i> (Gelidiales, Rhodophyta). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	8
36	<i>Pteroclatiella feldmannii</i> sp. nov. and <i>P. hamelii</i> sp. nov. (Gelidiales, Rhodophyta), Two New Species Uncovered in Madagascar During the Atimo Vatae Expedition. <i>Cryptogamie, Algologie</i> , 2016, 37, 179-198.	0.3	8

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37	The complete mitochondrial genome of <i>Xiphister atropurpureus</i> (Perciformes: Stichaeidae). Mitochondrial DNA Part B: Resources, 2017, 2, 161-162.	0.2	7
38	Ancient Tethyan Vicariance and Long-Distance Dispersal Drive Global Diversification and Cryptic Speciation in the Red Seaweed <i>Pterocladia</i> . Frontiers in Plant Science, 2022, 13, .	1.7	7
39	Genetic variability and biogeography of the widespread red alga <i>Hypnea flexicaulis</i> (Gigartinales, Rhodophyta) based on <i>rbcL</i> and <i>cox1</i> sequences. Botanica Marina, 2015, 58, 167-174.	0.6	6
40	Phylogeny and distribution of the genus <i>Pikea</i> (Gigartinales, Rhodophyta) with special reference to <i>P. yoshizakii</i> from Korea. Phycologia, 2016, 55, 3-11.	0.6	6
41	<i>Callophyllis cornu-cervi</i> (Perestenko) comb. nov. (Gigartinales, Rhodophyta): re-evaluation of the endemic monotypic genus <i>lonia</i> from the Sea of Okhotsk based on morphology and molecular evidence. Botanica Marina, 2013, 56, 119-129.	0.6	5
42	Phylogeny and morphology of <i>Parviphycus myriocladus</i> (BÅrgesen) comb. nov. (Gelidiales,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.6	5
43	<i>Pterocladia maribagoensis</i> (Gelidiales, Rhodophyta), a new marine alga from Cebu, Philippines. Phytotaxa, 2016, 288, 239.	0.1	5
44	A new marine alga, <i>Pterocladia andresii</i> sp. nov. (Gelidiales, Rhodophyta) and its relationship to <i>P. caloglossoides</i> from Pacific South America. Phytotaxa, 2017, 319, 139.	0.1	5
45	A molecular investigation of <i>Saccharina sessilis</i> from the Aleutian Islands reveals a species complex, necessitating the new combination <i>Saccharina subsessilis</i> . Algae, 2018, 33, 157-166.	0.9	5
46	Further investigations on the PHAEOTHAMNIOPHYCEAE using a multigene phylogeny, with descriptions of five new species. Journal of Phycology, 2020, 56, 358-379.	1.0	4
47	Populations of a New Morphotype of Corrugate <i>Lessonia Bory</i> in the Beagle Channel, Sub-Antarctic Magellanic Ecoregion: A Possible Case of On-Going Speciation. Cryptogamie, Algologie, 2020, 41, .	0.3	4
48	Vegetative reproduction and phylogeny of a new subtidal alga from Korea: <i>Dipterocladia yongdeokkoi</i> sp. nov. (Ceramilales, Rhodophyta). Phycologia, 2019, 58, 26-35.	0.6	3
49	The genus <i>Rosenvingea</i> (Phaeophyceae: Scytosiphonaceae) in south-west Australia, with the description of <i>Rosenvingea australis</i> sp. nov.. Botanica Marina, 2018, 61, 373-382.	0.6	2
50	A new species of marine algae from Korea based on morphology and molecular data: <i>Gelidium palmatum</i> sp. nov. (Gelidiales, Rhodophyta). Algae, 2020, 35, 33-43.	0.9	2
51	Mitogenome of <i>Mytilus trossulus</i> (Mytilidae, Bivalvia) isolated from a 1920 herbarium specimen. Mitochondrial DNA Part B: Resources, 2016, 1, 452-453.	0.2	1
52	<i>Gelidium sanyaense</i> sp. nov. and <i>G. yangmeikengense</i> sp. nov. (Gelidiales, Rhodophyta) from southern China based on morphology and molecular data. Phycologia, 2018, 57, 41-51.	0.6	1
53	<i>Gelidium rosulatum</i> (Gelidiales, Rhodophyta), a new species of subtidal marine algae from Korea. Phycologia, 0, , 1-9.	0.6	1
54	The complete mitochondrial genome of the horned lizard <i>Phrynosoma blainvillii</i> (Squamata:) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.2	0

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55	Discovery of <i>Wilsonosiphonia fujiae</i> (Rhodomelaceae, Tj ETQq1 1 0.784314 rgBT /Overlo from Hawaii to <i>Wilsonosiphonia</i> / . Phytotaxa, 2020, 451, 63-72.	0.1	0