Paul W Gabrielson

List of Publications by Year
in descending order

59 papers	2,937 citations	236833 25 h-index	182361 51 g-index
60 all docs	60 docs citations	60 times ranked	2219 citing authors

#	Article	IF	Citations
1	Systematic Revision of Symbiodiniaceae Highlights the Antiquity and Diversity of Coral Endosymbionts. Current Biology, 2018, 28, 2570-2580.e6.	1.8	1,242
2	Genomics reveals abundant speciation in the coral reef building alga Porolithon onkodes (Corallinales, Rhodophyta). Journal of Phycology, 2018, 54, 429-434.	1.0	87
3	Morphometric and molecular analyses confirm two distinct species of Calliarthron (Corallinales, Rhodophyta), a genus endemic to the northeast Pacific. Phycologia, 2011, 50, 298-316.	0.6	83
4	Genetic analysis of the Linnaean Ulva lactuca (Ulvales, Chlorophyta) holotype and related type specimens reveals name misapplications, unexpected origins, and new synonymies. Journal of Phycology, 2019, 55, 503-508.	1.0	79
5	DNA sequencing, anatomy, and calcification patterns support a monophyletic, subarctic, carbonate reefâ€forming Clathromorphum (Hapalidiaceae, Corallinales, Rhodophyta). Journal of Phycology, 2015, 51, 189-203.	1.0	67
6	THE ATLANTIC SPECIES OF SOLIERIA (GIGARTINALES, RHODOPHYTA): THEIR MORPHOLOGY, DISTRIBUTION AND AFFINITIES. Journal of Phycology, 1982, 18, 31-45.	1.0	65
7	Comment on â€œAcquiring DNA sequence data from dried archival red algae (Florideophyceae) for the purpose of applying available names to contemporary genetic species: a critical assessmentâ€• ¹Appears in Botany 90(3): 191â€“203. doi:10.1139/b11-079.. Botany, 2012, 90, 1191-1194.	0.5	65
8	Mediterranean Lithophyllum stictiforme (Corallinales, Rhodophyta) is a genetically diverse species complex: implications for species circumscription, biogeography and conservation of coralligenous habitats. Journal of Phycology, 2019, 55, 473-492.	1.0	65
9	Mesophyllum erubescens (Corallinales, Rhodophyta)â€”so many species in one epithet. Phytotaxa, 2014, 190, 299.	0.1	62
10	Sequencing type material resolves the identity and distribution of the generitype Lithophyllum incrustans, and related European species L.Âhibernicum and L.Âbathyporum (Corallinales, Rhodophyta). Journal of Phycology, 2015, 51, 791-807.	1.0	62
11	Systematics of red algae (Rhodophyta). Critical Reviews in Plant Sciences, 1986, 3, 325-366.	2.7	57
12	Reassessment of branchedLithophyllumspp. (Corallinales, Rhodophyta) in the Caribbean Sea with global implications. Phycologia, 2016, 55, 619-639.	0.6	55
13	Crusticorallina gen. nov., a nongeniculate genus in the subfamily Corallinoideae (Corallinales,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	55
14	Minimally destructive sampling of type specimens of Pyropia (Bangiales, Rhodophyta) recovers complete plastid and mitochondrial genomes. Scientific Reports, 2014, 4, 5113.	1.6	53
15	THE MORPHOLOGY OF AGARDHIELLA SUBULATA REPRESENTING THE AGARDHIELLEAE, A NEW TRIBE IN THE SOLIERIACEAE (GIGARTINALES, RHODOPHYTA)¹. Journal of Phycology, 1982, 18, 46-58.	1.0	52
16	Misleading morphologies and the importance of sequencing type specimens for resolving coralline taxonomy (<scp>C</scp>orallinales, <scp>R</scp>hodophyta): <scp>P</scp>achyarthron cretaceum is <scp>C</scp>orallina officinalis. Journal of Phycology, 2014, 50, 760-764.	1.0	50
17	Molecular-assisted alpha taxonomy reveals pseudocryptic diversity among species ofBossiella(Corallinales, Rhodophyta) in the eastern Pacific Ocean. Phycologia, 2014, 53, 443-456.	0.6	44
18	The coralline genera Sporolithon and Heydrichia (Sporolithales, Rhodophyta) clarified by sequencing type material of their generitypes and other species. Journal of Phycology, 2017, 53, 1044-1059.	1.0	40

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19	CHIHARAEA AND YAMADAIA (CORALLINALES, RHODOPHYTA) REPRESENT REDUCED AND RECENTLY DERIVED ARTICULATED CORALLINE MORPHOLOGIES¹. Journal of Phycology, 2012, 48, 859-868.	1.0	35
20	Genomic analysis of the lectotype specimens of European Ulva rigida and Ulva lacinulata (Ulvaceae, Chlorophyta) reveals the ongoing misapplication of names. European Journal of Phycology, 2022, 57, 143-153.	0.9	35
21	DNA sequencing resolves species ofSpongites(Corallinales, Rhodophyta) in the Northeast Pacific and South Africa, includingS. agulhensis sp. nov.. Phycologia, 2015, 54, 471-490.	0.6	34
22	MORPHOLOGY AND TAXONOMY OF MERISTIELLA GEN. NOV. (SOLIERIACEAE, RHODOPHYTA). Journal of Phycology, 1987, 23, 481-493.	1.0	33
23	Resolving cryptic species of Bossiella (Corallinales, Rhodophyta) using contemporary and historical DNA. American Journal of Botany, 2015, 102, 1912-1930.	0.8	31
24	Mitogenome analysis of a green tide forming Ulva from California, USA confirms its identity as Ulva expansa (Ulvaceae, Chlorophyta). Mitochondrial DNA Part B: Resources, 2018, 3, 1302-1303.	0.2	29
25	VEGETATIVE AND REPRODUCTIVE MORPHOLOGY OF EUCHEUMA ISIFORME (SOLIERIACEAE, GIGARTINALES,) Tj ETQq1 1 0.784314 rgBT	1.0	28
26	A cladistic analysis of Rhodophyta: Florideophycidean orders. British Phycological Journal, 1987, 22, 125-138.	1.3	28
27	A re-evaluation of subtidalLithophyllumspecies (Corallinales, Rhodophyta) from North Carolina, USA, and the proposal ofL. searlesii sp. nov.. Phycologia, 2018, 57, 318-330.	0.6	28
28	Calcifying algae maintain settlement cues to larval abalone following algal exposure to extreme ocean acidification. Scientific Reports, 2017, 7, 5774.	1.6	26
29	New Insights into the Genus Lithophyllum (Lithophylloideae, Corallinaceae, Corallinales) from Deepwater Rhodolith Beds Offshore the NW Gulf of Mexico. Phytotaxa, 2014, 190, 162.	0.1	25
30	AGARDHIELLA VERSUS NEOAGARDHIELLA (SOLIERIACEAE, RHODOPHYTA): ANOTHER LOOK AT THE LECTOTYPIFICATION OF GIGARTINA TENERA. Taxon, 1985, 34, 275-280.	0.4	23
31	Molecular Sequencing of Northeast Pacific Type Material Reveals Two Earlier Names for Prionitis Lyallii, Prionitis Jubata and Prionitis Sternbergii, with Brief Comments on Grateloupia Versicolor (Halymeniaceae, Rhodophyta). Phycologia, 2008, 47, 89-97.	0.6	23
32	Sequencing of historic and modern specimens reveals cryptic diversity in Nothogenia (Scinaiaceae, Rhodophyta). Phycologia, 2015, 54, 97-108.	0.6	22
33	Molecular Assisted Identification Reveals Hidden Red Algae Diversity from the Burica Peninsula, Pacific Panama. Diversity, 2017, 9, 19.	0.7	22
34	Neogoniolithon (Corallinales, Rhodophyta) on the Atlantic coast of Mexico, including N. siankanensis sp. nov.Â. Phytotaxa, 2014, 190, 64.	0.1	21
35	Taxonomic revisions based on genetic analysis of type specimens of Ulva conglobata, <scp>U. laetevirens</scp>, <scp>U. pertusa</scp> and U. spathulata (Ulvales, Chlorophyta). Phycological Research, 2021, 69, 148-153.	0.8	18
36	Molecular and Morphological Diversity of Lithothamnion spp. (Hapalidiales, Rhodophyta) from Deepwater Rhodolith Beds in the Northwestern Gulf of Mexico. Phytotaxa, 2016, 278, 81.	0.1	17

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37	Why one species in New Zealand,Pugetia delicatissima(Kallymeniaceae, Rhodophyta), should become two new genera,Judithiagen. nov. andWendyagen. nov.. European Journal of Phycology, 2016, 51, 83-98.	0.9	17
38	Evolutionary reversals in Bossiella (Corallinales, Rhodophyta): first report of a coralline genus with both geniculate and nongeniculate species. Journal of Phycology, 2018, 54, 788-798.	1.0	15
39	Type specimen sequencing, multilocus analyses, and species delimitation methods recognize the cosmopolitan Corallina berteroi and establish the northern Japanese C. yendoi sp. nov. (Corallinaceae, Rhodophyta). Journal of Phycology, 2021, 57, 1659-1672.	1.0	15
40	Sarcopeltis gen. nov. (Gigartinaceae, Rhodophyta), with S. skottsbergii comb. nov. from southern South America and S. antarctica sp. nov. from the Antarctic Peninsula . Phytotaxa, 2020, 468, 75-88.	0.1	15
41	Lithothamnion (Hapalidiales, Rhodophyta) in the changing Arctic and Subarctic: DNA sequencing of type and recent specimens provides a systematics foundation*. European Journal of Phycology, 2021, 56, 468-493.	0.9	13
42	On the absence of previously reported Japanese and Peruvian species of Prionitis (Halymeniaceae, Rhodophyta) in the northeast Pacific. Phycological Research, 2008, 56, 105-114.	0.8	12
43	Analysis of the complete plastomes of three species of Membranoptera (Ceramiales, Rhodophyta) from Pacific North America. Journal of Phycology, 2017, 53, 32-43.	1.0	12
44	Reassignment of some South African species to Chamberlainium, with a comment about the recognition of families of Corallinales (Rhodophyta). Phycologia, 2020, 59, 464-496.	0.6	12
45	Reassessment of misapplied names, Phymatolithon ferox and P. repandum (Hapalidiales,) Tj ETQq1 1 0.784314 rgBT /Ov collected material. Phycologia, 2020, 59, 449-455.	0.6	10
46	DNA Sequencing of Type Material Reveals Pneophyllum marlothii comb. nov. from South Africa and P.Âdiscoideum comb. nov. (Chamberlainoideae, Corallinales, Rhodophyta) from Argentina. Journal of Phycology, 2020, 56, 1625-1641.	1.0	9
47	Sporolithon mesophoticum sp. nov. (Sporolithales, Rhodophyta) from Plantagenet Bank off Bermuda at a depth of 178 m. Phytotaxa, 2018, 385, 67.	0.1	8
48	Phymatolithon (Melobesioideae, Hapalidiales) in the Borealâ€“Subarctic Transition Zone of the North Atlantic. Smithsonian Contributions To the Marine Sciences, 2018, , 2-90.	1.0	6
49	DNA sequencing reveals three new species of Chamberlainium (Corallinales, Rhodophyta) from South Africa, all formerly passing under Spongites yendoi. Botanica Marina, 2021, 64, 19-40.	0.6	5
50	Phymatolithopsis gen. nov. (Hapalidiales, Corallinophycidae, Rhodophyta) based on molecular and morphoâ€anatomical evidence. Journal of Phycology, 2022, 58, 161-178.	1.0	5
51	Neopolyporolithon loculosum is a junior synonym of N. arcticum comb. nov. (Hapalidiales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.6	4
52	DNA sequencing of type material and newly collected specimens reveals two heterotypic synonyms for Harveylithon munitum (Metagoniolithoideae, Corallinales, Rhodophyta) and three new species. Journal of Phycology, 2021, 57, 1234-1253.	1.0	4
53	DNA Analysis of the Lectotype Specimen of Ulva nematoidea Bory (Ulvaceae, Chlorophyta) Determines Its Synonymy with Ulva lactuca L.. Cryptogamie, Algologie, 2022, 43, .	0.3	4
54	The complete mitogenome of the rockweed Fucus distichus (Fucaceae, Phaeophyceae). Mitochondrial DNA Part B: Resources, 2017, 2, 203-204.	0.2	3

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55	Reinstatement of Indian Ocean Porolithon coarctatum and P.Âgardineri based on sequencing type specimens, and P.Âepiphyticum sp. nov. (Corallinales, Rhodophyta), with comments on subfamilies Hydrolithoideae and Metagoniolithoideae. Botanica Marina, 2021, 64, 363-377.	0.6	3
56	Caribbean corals exhibit species-specific differences in competitive abilities with an aggressive encrusting alga, Ramicrusta textilis. Coral Reefs, 2021, 40, 1729-1740.	0.9	2
57	ON THE IDENTITY OF IRIDAEA PUNICEA POSTELS & RUPRECHT (GIGARTINACEAE, RHODOPHYTA). Taxon, 1989, 38, 389-393.	0.4	1
58	Gracilaria parva sp. nov. (Gracilariales, Rhodophyta) a Diminutive Species from the Tropical Eastern Pacific. Taxonomy, 2022, 2, 48-56.	0.4	1
59	First report of any species of the red algal order Nemaliales from mainland Ecuador: Neoizziella asiatica (Liagoraceae, Rhodophyta). Botanica Marina, 2022, 65, 135-139.	0.6	0