

Olivier De Clerck

List of Publications by Year in descending order

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Version: 2024-02-01

170
papers

8,568
citations

66343

42
h-index

53230

85
g-index

176
all docs

176
docs citations

176
times ranked

8564
citing authors

#	ARTICLE	IF	CITATIONS
1	The Magnitude of Global Marine Species Diversity. <i>Current Biology</i> , 2012, 22, 2189-2202.	3.9	797
2	Phylogeny and Molecular Evolution of the Green Algae. <i>Critical Reviews in Plant Sciences</i> , 2012, 31, 1-46.	5.7	723
3	BioORACLE: a global environmental dataset for marine species distribution modelling. <i>Global Ecology and Biogeography</i> , 2012, 21, 272-281.	5.8	661
4	BioORACLE v2.0: Extending marine data layers for bioclimatic modelling. <i>Global Ecology and Biogeography</i> , 2018, 27, 277-284.	5.8	567
5	DNA-based species delimitation in algae. <i>European Journal of Phycology</i> , 2014, 49, 179-196.	2.0	286
6	What we can learn from sushi: a review on seaweed-bacterial associations. <i>FEMS Microbiology Ecology</i> , 2013, 83, 1-16.	2.7	234
7	The green seaweed <i>Ulva</i> : a model system to study morphogenesis. <i>Frontiers in Plant Science</i> , 2015, 6, 72.	3.6	173
8	Research note: Identity of the Qingdao algal bloom. <i>Phycological Research</i> , 2009, 57, 147-151.	1.6	166
9	European seaweeds under pressure: Consequences for communities and ecosystem functioning. <i>Journal of Sea Research</i> , 2015, 98, 91-108.	1.6	155
10	A multi-locus time-calibrated phylogeny of the siphonous green algae. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 642-653.	2.7	142
11	Evolution and Cytological Diversification of the Green Seaweeds (Ulvophyceae). <i>Molecular Biology and Evolution</i> , 2010, 27, 2052-2061.	8.9	138
12	Insights into the Evolution of Multicellularity from the Sea Lettuce Genome. <i>Current Biology</i> , 2018, 28, 2921-2933.e5.	3.9	134
13	Algal taxonomy: a road to nowhere?. <i>Journal of Phycology</i> , 2013, 49, 215-225.	2.3	132
14	Diversity and Temporal Dynamics of the Epiphytic Bacterial Communities Associated with the Canopy-Forming Seaweed <i>Cystoseira compressa</i> (Esper) Gerloff and Nizamuddin. <i>Frontiers in Microbiology</i> , 2016, 7, 476.	3.5	112
15	DNA taxonomy in morphologically plastic taxa: Algorithmic species delimitation in the <i>Boodlea</i> complex (Chlorophyta: Cladophorales). <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 122-133.	2.7	107
16	SYSTEMATICS OF <i>GRATELOUPIA FILICINA</i> (HALYMENIACEAE, RHODOPHYTA), BASED ON <i>rbcl</i> SEQUENCE ANALYSES AND MORPHOLOGICAL EVIDENCE, INCLUDING THE REINSTATEMENT OF <i>G. MINIMA</i> AND THE DESCRIPTION OF <i>G. CAPENSIS</i> SP. NOV.1. <i>Journal of Phycology</i> , 2005, 41, 391-410.	2.3	104
17	Macroecology meets macroevolution: evolutionary niche dynamics in the seaweed <i>Halimeda</i> . <i>Global Ecology and Biogeography</i> , 2009, 18, 393-405.	5.8	101
18	Data mining approach identifies research priorities and data requirements for resolving the red algal tree of life. <i>BMC Evolutionary Biology</i> , 2010, 10, 16.	3.2	101

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19	Who Is in There? Exploration of Endophytic Bacteria within the Siphonous Green Seaweed <i>Bryopsis</i> (Bryopsidales, Chlorophyta). <i>PLoS ONE</i> , 2011, 6, e26458.	2.5	98
20	Improving Transferability of Introduced Species TM Distribution Models: New Tools to Forecast the Spread of a Highly Invasive Seaweed. <i>PLoS ONE</i> , 2013, 8, e68337.	2.5	94
21	Extensive cryptic species diversity and fine-scale endemism in the marine red alga <i>Portieria</i> in the Philippines. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122660.	2.6	93
22	Species boundaries and phylogenetic relationships within the green algal genus <i>Codium</i> (Bryopsidales) based on plastid DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 240-254.	2.7	89
23	A REVISED CLASSIFICATION OF THE DICTYOTEAE (DICTYOTALES, PHAEOPHYCEAE) BASED ON <i>rbc L</i> AND 26S RIBOSOMAL DNA SEQUENCE ANALYSES 1. <i>Journal of Phycology</i> , 2006, 42, 1271-1288.	2.3	87
24	Neoproterozoic origin and multiple transitions to macroscopic growth in green seaweeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2551-2559.	7.1	85
25	Phylogeny and Evolution of the Brown Algae. <i>Critical Reviews in Plant Sciences</i> , 2020, 39, 281-321.	5.7	82
26	Molecular phylogeny of the Siphonocladales (Chlorophyta: Cladophorophyceae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1237-1256.	2.7	73
27	SPECIES DELIMITATION, TAXONOMY, AND BIOGEOGRAPHY OF <i>DICTYOTA</i> IN EUROPE (DICTYOTALES), <i>Trends in Plant Science</i> , 2017, 22, 726-738.	2.3	73
28	The Algal Revolution. <i>Trends in Plant Science</i> , 2017, 22, 726-738.	8.8	73
29	Toward an inordinate fondness for stars, beetles and <i>Lobophora</i> ? Species diversity of the genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) in New Caledonia. <i>Journal of Phycology</i> , 2014, 50, 1101-1119.	2.3	72
30	Furthering knowledge of seaweed growth and development to facilitate sustainable aquaculture. <i>New Phytologist</i> , 2017, 216, 967-975.	7.3	64
31	Prioritizing marine invasive alien species in the European Union through horizon scanning. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 794-845.	2.0	62
32	Diversity and Evolution of Algae. <i>Advances in Botanical Research</i> , 2012, , 55-86.	1.1	60
33	Permanent residents or temporary lodgers: characterizing intracellular bacterial communities in the siphonous green alga <i>Bryopsis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122659.	2.6	54
34	MOLECULAR AND MORPHOMETRIC DATA PINPOINT SPECIES BOUNDARIES IN HALIMEDA SECTION RHIPSALIS (BRYOPSIDALES, CHLOROPHYTA)1. <i>Journal of Phycology</i> , 2005, 41, 606-621.	2.3	53
35	Species Diversity, Phylogeny and Large Scale Biogeographic Patterns of the Genus <i>Padina</i> (Phaeophyceae, Dictyotales). <i>Journal of Phycology</i> , 2013, 49, 130-142.	2.3	53
36	Species Specificity of Bacteria Associated to the Brown Seaweeds <i>Lobophora</i> (Dictyotales), <i>Frontiers in Microbiology</i> , 2016, 7, 316.	3.5	53

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37	Checklist of the marine macroalgae of Vietnam. <i>Botanica Marina</i> , 2013, 56, 207-227.	1.2	52
38	An integrative systematic approach to species diversity and distribution in the genus <i>Mesophyllum</i> (Corallinales, Rhodophyta) in Atlantic and Mediterranean Europe. <i>European Journal of Phycology</i> , 2015, 50, 20-36.	2.0	51
39	In search of relevant predictors for marine species distribution modelling using the MarineSPEED benchmark dataset. <i>Diversity and Distributions</i> , 2018, 24, 144-157.	4.1	51
40	Historical biogeography of the highly diverse brown seaweed <i>Lobophora</i> (Dictyotales, Phaeophyceae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 110, 81-92.	2.7	49
41	Phylogeny and taxonomy of <i>Halimeda incrassata</i> , including descriptions of <i>H. kanaloana</i> and <i>H. heteromorpha</i> spp. nov. (Bryopsidales, Chlorophyta). <i>European Journal of Phycology</i> , 2006, 41, 337-362.	2.0	48
42	Adaptation to Extreme Antarctic Environments Revealed by the Genome of a Sea Ice Green Alga. <i>Current Biology</i> , 2020, 30, 3330-3341.e7.	3.9	48
43	Allelopathic interactions between the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae) and scleractinian corals. <i>Scientific Reports</i> , 2016, 6, 18637.	3.3	47
44	Seaweed reproductive biology: environmental and genetic controls. <i>Botanica Marina</i> , 2017, 60, .	1.2	46
45	Status of vulnerable <i>Cystoseira</i> populations along the Italian infralittoral fringe, and relationships with environmental and anthropogenic variables. <i>Marine Pollution Bulletin</i> , 2018, 129, 762-771.	5.0	46
46	Patterns and drivers of species diversity in the Indo-Pacific red seaweed <i>Portieria</i> . <i>Journal of Biogeography</i> , 2018, 45, 2299-2313.	3.0	46
47	Concise review of the genus <i>Caulerpa</i> J.V. Lamouroux. <i>Journal of Applied Phycology</i> , 2020, 32, 23-39.	2.8	46
48	The Plastid Genome in Cladophorales Green Algae Is Encoded by Hairpin Chromosomes. <i>Current Biology</i> , 2017, 27, 3771-3782.e6.	3.9	45
49	Evolution and phylogeography of <i>Halimeda</i> section <i>Halimeda</i> (Bryopsidales, Chlorophyta). <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 789-803.	2.7	42
50	<i>Rugulopteryx</i> (Dictyotales, Phaeophyceae), a genus recently introduced to the Mediterranean. <i>Phycologia</i> , 2009, 48, 536-542.	1.4	42
51	MORPHOMETRIC TAXONOMY OF SIPHONOUS GREEN ALGAE: A METHODOLOGICAL STUDY WITHIN THE GENUS <i>HALIMEDA</i> (BRYOPSIDALES). <i>Journal of Phycology</i> , 2005, 41, 126-139.	2.3	41
52	Contrasting Geographical Distributions as a Result of Thermal Tolerance and Long-Distance Dispersal in Two Allegedly Widespread Tropical Brown Algae. <i>PLoS ONE</i> , 2012, 7, e30813.	2.5	39
53	Systematics of the marine microfilamentous green algae <i>Uronema curvatum</i> and <i>Urospora microscopica</i> (Chlorophyta). <i>European Journal of Phycology</i> , 2009, 44, 487-496.	2.0	36
54	Shedding new light on old algae: Matching names and sequences in the brown algal genus <i>Lobophora</i> (Dictyotales, Phaeophyceae). <i>Taxon</i> , 2016, 65, 689-707.	0.7	36

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55	Biological activities associated to the chemodiversity of the brown algae belonging to genus <i>Lobophora</i> (Dictyotales, Phaeophyceae). <i>Phytochemistry Reviews</i> , 2017, 16, 1-17.	6.5	34
56	Disentangling the Influence of Environment, Host Specificity and Thallus Differentiation on Bacterial Communities in Siphonous Green Seaweeds. <i>Frontiers in Microbiology</i> , 2019, 10, 717.	3.5	34
57	PHYLOGENETIC ANALYSIS OF <i>PSEUDOCHELODENDRUM</i> STRAINS REVEALS CRYPTIC DIVERSITY ABOVE THE FAMILY LEVEL IN THE SIPHONOUS GREEN ALGAE (BRYOPSIDALES, CHLOROPHYTA). <i>Journal of Phycology</i> , 2009, 45, 726-731.	2.3	33
58	First freshwater coralline alga and the role of local features in a major biome transition. <i>Scientific Reports</i> , 2016, 6, 19642.	3.3	33
59	Radiation of the coralline red algae (Corallinophycidae, Rhodophyta) crown group as inferred from a multilocus time-calibrated phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2020, 150, 106845.	2.7	33
60	Taxonomic reappraisal of <i>Dilophus okamurai</i> (Dictyotales, Phaeophyta) from the western Pacific Ocean. <i>Phycologia</i> , 2009, 48, 1-12.	1.4	32
61	Complex phylogenetic distribution of a non-canonical genetic code in green algae. <i>BMC Evolutionary Biology</i> , 2010, 10, 327.	3.2	32
62	Gain and loss of elongation factor genes in green algae. <i>BMC Evolutionary Biology</i> , 2009, 9, 39.	3.2	29
63	Life without a cell membrane: Challenging the specificity of bacterial endophytes within Bryopsis (Bryopsidales, Chlorophyta). <i>BMC Microbiology</i> , 2011, 11, 255.	3.3	29
64	Characterization of <i>Grateloupia lanceola</i> (Halymeniales, Rhodophyta), an obscure foliose <i>Grateloupia</i> from the Iberian Peninsula, based on morphology, comparative sequence analysis and mycosporine-like amino acid composition. <i>European Journal of Phycology</i> , 2007, 42, 231-242.	2.0	27
65	NICHE PARTITIONING AND THE COEXISTENCE OF TWO CRYPTIC <i>DICTYOTA</i> (DICTYOTALES). <i>Journal of Phycology</i> , 2007, 42, 1075-1087.	2.3	27
66	Brown Algae as a Model for Plant Organogenesis. <i>Methods in Molecular Biology</i> , 2013, 959, 97-125.	0.9	27
67	Uncovering the genetic basis for early isogamete differentiation: a case study of <i>Ectocarpus siliculosus</i> . <i>BMC Genomics</i> , 2013, 14, 909.	2.8	27
68	<i>Polyopes lancifolius</i> (Halymeniales, Rhodophyta), a new component of the Japanese marine flora introduced to Europe. <i>Phycologia</i> , 2010, 49, 86-96.	1.4	25
69	Morphology and Phylogenetic Position of the Freshwater Green Microalgae <i>Chlorochytrium</i> (Chlorophyceae) and <i>Scotinosphaera</i> (Scotinosphaerales, ord. nov., Ulvophyceae). <i>Journal of Phycology</i> , 2013, 49, 115-129.	2.3	25
70	Tracing the introduction history of the brown seaweed <i>Dictyota cyanoloma</i> (Phaeophyceae). <i>Journal of Phycology</i> , 2010, 46, 1075-1087.	2.0	25
71	Biotic interactions as drivers of algal origin and evolution. <i>New Phytologist</i> , 2017, 216, 670-681.	7.3	25
72	A risk assessment of aquarium trade introductions of seaweed in European waters. <i>Biological Invasions</i> , 2018, 20, 1171-1187.	2.4	24

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73	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. <i>Journal of Phycology</i> , 2019, 55, 1319-1334.	2.3	24
74	Auxin Function in the Brown Alga <i>Dictyota dichotoma</i> . <i>Plant Physiology</i> , 2019, 179, 280-299.	4.8	24
75	Annotated and illustrated survey of the marine macroalgae from Motupore Island and vicinity (Port) Tj ETQq1 1 0.784314 rgBT/Overl 0.9 23	0.9	23
76	<i>Cladophora rhodolithicola</i> sp. nov. (Cladophorales, Chlorophyta), a diminutive species from European maerl beds. <i>European Journal of Phycology</i> , 2009, 44, 155-169.	2.0	23
77	New phylogenetic hypotheses for the core Chlorophyta based on chloroplast sequence data. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	23
78	Using structured eradication feasibility assessment to prioritize the management of new and emerging invasive alien species in Europe. <i>Global Change Biology</i> , 2020, 26, 6235-6250.	9.5	22
79	Marine macroalgal biodiversity of northern Madagascar: morpho-genetic systematics and implications of anthropic impacts for conservation. <i>Biodiversity and Conservation</i> , 2021, 30, 1501-1546.	2.6	22
80	Global biodiversity patterns of marine forests of brown macroalgae. <i>Global Ecology and Biogeography</i> , 2022, 31, 636-648.	5.8	22
81	Taxonomy of the <i>Dictyota ciliolata</i> "crenulata" complex (Dictyotales, Phaeophyceae). <i>Phycologia</i> , 2013, 52, 171-181.	1.4	21
82	Biogeographic Affinities of Dictyotales from Madagascar: A Phylogenetic Approach. <i>Cryptogamie, Algologie</i> , 2015, 36, 129-141.	0.9	21
83	Phylotranscriptomic insights into a Mesoproterozoic "Neoproterozoic origin and early radiation of green seaweeds (Ulvophyceae). <i>Nature Communications</i> , 2022, 13, 1610.	12.8	21
84	Distinctive morphological features, life-cycle phases and seasonal variations in subtropical populations of <i>Dictyota dichotoma</i> (Dictyotales, Phaeophyceae). <i>Botanica Marina</i> , 2008, 51, 132-144.	1.2	20
85	Variability of Non-Polar Secondary Metabolites in the Red Alga <i>Portieria</i> . <i>Marine Drugs</i> , 2011, 9, 2438-2468.	4.6	20
86	Fishing for data and sorting the catch: assessing the data quality, completeness and fitness for use of data in marine biogeographic databases. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	3.0	20
87	Abiotic regulation of growth and fertility in the sporophyte of <i>Dictyota dichotoma</i> (Hudson) J.V. Lamouroux (Dictyotales, Phaeophyceae). <i>Journal of Applied Phycology</i> , 2016, 28, 2915-2924.	2.8	20
88	Concise review of the genus <i>Dictyota</i> J.V. Lamouroux. <i>Journal of Applied Phycology</i> , 2020, 32, 1521-1543.	2.8	20
89	A molecular toolkit for the green seaweed <i>Ulva mutabilis</i> . <i>Plant Physiology</i> , 2021, 186, 1442-1454.	4.8	20
90	Molecular systematics of red algae. <i>Systematics Association Special Volume</i> , 2007, , 103-121.	0.2	20

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91	Are well-studied marine biodiversity hotspots still blackspots for animal barcoding?. <i>Global Ecology and Conservation</i> , 2021, 32, e01909.	2.1	20
92	The red algal genus <i>Reticulocaulis</i> from the Arabian Sea, including <i>R. obpyriformis</i> sp. nov., with comments on the family Naccariaceae. <i>Phycologia</i> , 2003, 42, 44-55.	1.4	19
93	Global biogeography and diversification of a group of brown seaweeds (Phaeophyceae) driven by clade-specific evolutionary processes. <i>Journal of Biogeography</i> , 2021, 48, 703-715.	3.0	19
94	The marine green and brown algae of Rodrigues (Mauritius, Indian Ocean). <i>Journal of Natural History</i> , 2004, 38, 2959-3019.	0.5	18
95	Mechanistic niche modelling to identify favorable growth sites of temperate macroalgae. <i>Algal Research</i> , 2019, 41, 101529.	4.6	18
96	Branched <i>Halymenia</i> species (Halymeniaceae, Rhodophyta) in the Indo-Pacific region, including descriptions of <i>Halymenia hawaiiiana</i> sp. nov. and <i>H. tondoana</i> sp. nov. <i>European Journal of Phycology</i> , 2012, 47, 421-432.	2.0	17
97	Systematics and biogeography of the genus <i>Pseudocodium</i> (Bryopsidales, Chlorophyta), including the description of <i>P. natalense</i> sp. nov. from South Africa. <i>Phycologia</i> , 2008, 47, 225-235.	1.4	16
98	<i>Spongophloea</i> , a new genus of red algae based on <i>Thamnoclonium</i> sect. <i>Nematophorae</i> Weber-van Bosse (Halymeniales). <i>European Journal of Phycology</i> , 2011, 46, 1-15.	2.0	16
99	Host specificity and coevolution of Flavobacteriaceae endosymbionts within the siphonous green seaweed <i>Bryopsis</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 608-614.	2.7	16
100	Diversity, Ecology, Biogeography, and Evolution of the Prevalent Brown Algal Genus <i>Lobophora</i> in the Greater Caribbean Sea, Including the Description of Five New Species. <i>Journal of Phycology</i> , 2020, 56, 592-607.	2.3	16
101	How endo- is endo-? Surface sterilization of delicate samples: a <i>Bryopsis</i> (Bryopsidales, Chlorophyta) case study. <i>Symbiosis</i> , 2010, 51, 131-138.	2.3	15
102	Overgrowth and killing of corals by the brown alga <i>Lobophora hederacea</i> (Dictyotales, Phaeophyceae) on healthy reefs in New Caledonia: A new case of the epizooism syndrome. <i>Phycological Research</i> , 2015, 63, 152-153.	1.6	15
103	Refining species boundaries in algae. <i>Journal of Phycology</i> , 2017, 53, 12-16.	2.3	15
104	Diversity and origin of the genus <i>Lobophora</i> in the Mediterranean Sea including the description of two new species. <i>Phycologia</i> , 2019, 58, 163-168.	1.4	14
105	The marine red algae of Rodrigues (Mauritius, Indian Ocean). <i>Journal of Natural History</i> , 2004, 38, 3021-3057.	0.5	13
106	New records and observations of macroalgae and associated pathogens from the Falkland Islands, Patagonia and Tierra del Fuego. <i>Botanica Marina</i> , 2016, 59, 105-121.	1.2	13
107	Two-step cell polarization in algal zygotes. <i>Nature Plants</i> , 2017, 3, 16221.	9.3	13
108	Characterizing algal microbiomes using long-read nanopore sequencing. <i>Algal Research</i> , 2021, 59, 102456.	4.6	13

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109	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.	0.9	12
110	A rosette by any other name: species diversity in the Bangiales (Rhodophyta) along the South African coast. <i>European Journal of Phycology</i> , 2018, 53, 67-82.	2.0	12
111	<i>Lobophora</i> (Dictyotales) Species Richness, Ecology and Biogeography Across the North Eastern Atlantic Archipelagos and Description of Two New Species. <i>Journal of Phycology</i> , 2020, 56, 346-357.	2.3	12
112	Modelling the distribution and ecology of <i>Trichosolen</i> blooms on coral reefs worldwide. <i>Marine Biology</i> , 2011, 158, 2239-2246.	1.5	11
113	Systematics of the red algal genus <i>Halymenia</i> (Halymeniaceae, Rhodophyta): characterization of the genotype <i>H. floresii</i> and description of <i>Neofolia rosea</i> gen. et sp. nov.. <i>European Journal of Phycology</i> , 2018, 53, 520-536.	2.0	11
114	Description of ten new <i>Lobophora</i> species from the Bismarck Sea (Papua New Guinea). <i>Phycological Research</i> , 2019, 67, 228-238.	1.6	11
115	Auxin's origin: do PILS hold the key?. <i>Trends in Plant Science</i> , 2022, 27, 227-236.	8.8	11
116	Seaweeds as a promising resource for blue economy development in Tunisia: current state, opportunities, and challenges. <i>Journal of Applied Phycology</i> , 2022, 34, 489-505.	2.8	11
117	CHARACTERIZATION OF <i>MARTENSIA</i> (DELESSERIACEAE, RHODOPHYTA) BASED ON A MORPHOLOGICAL AND MOLECULAR STUDY OF THE TYPE SPECIES, <i>M. ELEGANS</i> , AND <i>M. NATALENSIS</i> SP. NOV. FROM SOUTH AFRICA. <i>Journal of Phycology</i> , 2009, 45, 678-691.	2.3	10
118	<i>Chaetomorpha philippinensis</i> (Cladophorales, Chlorophyta), a new marine microfilamentous green alga from tropical waters. <i>Phycologia</i> , 2011, 50, 384-391.	1.4	10
119	Molecular phylogeny of the widespread <i>Martensia fragilis</i> complex (Delesseriaceae, Rhodophyta) from the Indo-Pacific region reveals three new species of <i>Martensia</i> from Taiwan. <i>European Journal of Phycology</i> , 2013, 48, 173-187.	2.0	10
120	Notes on <i>Dictyota vieillardii</i> and <i>D. adnata</i> (Dictyotaceae, Phaeophyta). <i>Taxon</i> , 1997, 46, 33-36.	0.7	9
121	<i>Leptofaucha coralligena</i> (Faucheaceae, Rhodophyta), a new species from the Mediterranean Sea. <i>European Journal of Phycology</i> , 2009, 44, 107-121.	2.0	9
122	Atypical development of <i>Chaetomorpha antennina</i> in culture (Cladophorales, Chlorophyta). <i>Phycological Research</i> , 2011, 59, 91-97.	1.6	9
123	The new species <i>Codium recurvatum</i> from Tanzania. <i>European Journal of Phycology</i> , 2012, 47, 216-222.	2.0	9
124	Molecular evolution of candidate male reproductive genes in the brown algal model <i>Ectocarpus</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 5.	3.2	9
125	Limited interspecific variation in grazing susceptibility of the brown alga <i>Lobophora</i> to herbivory. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 518, 151175.	1.5	9
126	Systematics and Biogeography of the Red Algal Genus <i>Yonagunia</i> (Halymeniaceae, Rhodophyta) from the Indo-Pacific Including the Description of Two New Species from Taiwan. <i>Journal of Phycology</i> , 2020, 56, 1542-1556.	2.3	9

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127	Morphological and molecular assessment of <i>Grateloupia</i> (Halymeniales, Rhodophyta) from Egypt revealed a new introduced species in the Mediterranean Sea, <i>Grateloupia gibbesii</i> . <i>Phycologia</i> , 2021, 60, 83-95.	1.4	9
128	Photopolarization of <i>Fucus</i> zygotes is determined by time sensitive vectorial addition of environmental cues during axis amplification. <i>Frontiers in Plant Science</i> , 2015, 6, 26.	3.6	8
129	Two newly discovered <i>Grateloupia</i> (Halymeniaceae, Rhodophyta) species on aquaculture rafts on the west coast of South Africa, including the widely introduced <i>Grateloupia turuturu</i> . <i>Phycologia</i> , 2016, 55, 659-664.	1.4	8
130	Systematic revision of the widespread species <i>Sarcodia ceylanica</i> (Sarcodiaceae, Rhodophyta) in the Indo-Pacific Oceans, including <i>S. suiae</i> sp. nov. <i>Phycologia</i> , 2017, 56, 63-76.	1.4	8
131	Organization of plastid genomes in the freshwater red algal order Batrachospermales (Rhodophyta). <i>Journal of Phycology</i> , 2018, 54, 25-33.	2.3	8
132	An appraisal of the genus <i>Pyropia</i> (Bangiales, Rhodophyta) from southern Africa based on a multi-gene phylogeny, morphology and ecology, including the description of <i>Pyropia meridionalis</i> sp. nov.. <i>South African Journal of Botany</i> , 2020, 131, 18-32.	2.5	8
133	The marine flora of Rodrigues (Republic of Mauritius, Indian Ocean): an island with low habitat diversity or one in the process of colonization?. <i>Journal of Natural History</i> , 2004, 38, 3059-3076.	0.5	7
134	Complex patterns of actin molecular evolution in the red alga <i>Stylonema alsidii</i> (Stylonematophyceae, Rhodophyta). <i>Phycological Research</i> , 2009, 57, 59-65.	1.6	7
135	GIS-Based Environmental Analysis, Remote Sensing, and Niche Modeling of Seaweed Communities. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 93-114.	0.3	7
136	Diversity and assemblage structure of tropical marine flora on lava flows of different ages. <i>Aquatic Botany</i> , 2018, 144, 20-30.	1.6	7
137	Characterisation of <i>Nesoia latifolia</i> (Halymeniaceae, Rhodophyta) from Europe with emphasis on cystocarp development and description of <i>Nesoia mediterranea</i> sp. nov. <i>Phycologia</i> , 2019, 58, 393-404.	1.4	7
138	Impacts of environmental stress on resistance and resilience of algal-associated bacterial communities. <i>Ecology and Evolution</i> , 2021, 11, 15004-15019.	1.9	7
139	Transcriptional dynamics of gametogenesis in the green seaweed <i>Ulva mutabilis</i> identifies an RWP-RK transcription factor linked to reproduction. <i>BMC Plant Biology</i> , 2022, 22, 19.	3.6	7
140	Ancient Tethyan Vicariance and Long-Distance Dispersal Drive Global Diversification and Cryptic Speciation in the Red Seaweed <i>Pterocladia</i> . <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
141	Morphology, vegetative and reproductive development of the red alga <i>Portieria hornemannii</i> (Gigartinales: Rhizophyllidaceae). <i>Aquatic Botany</i> , 2011, 95, 94-102.	1.6	6
142	<i>Dictyota falklandica</i> sp. nov. (Dictyotales, Phaeophyceae) from the Falkland Islands and southernmost South America. <i>Phycologia</i> , 2019, 58, 640-647.	1.4	6
143	<i>Lobophora</i> (Dictyotales, Phaeophyceae) from the western Indian Ocean: diversity and biogeography. <i>South African Journal of Botany</i> , 2021, 142, 230-246.	2.5	6
144	Phenological and molecular studies on the introduced seaweed <i>Dictyota cyanoloma</i> (Dictyotales, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2016, 17, 766.	1.6	6

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145	Revisiting the systematics of the genera <i>Grateloupia</i> , <i>Phyllymenia</i> , and <i>Prionitis</i> (Halymeniaceae, Rhodophyta) with a description of a new species “ <i>Prionitis taiwaniensis borealis</i> ”. <i>Journal of Phycology</i> , 2022, 58, 234-250.	2.3	6
146	Polarization of brown algal zygotes. <i>Seminars in Cell and Developmental Biology</i> , 2023, 134, 90-102.	5.0	6
147	Salinity and host drive <i>Ulva</i> -associated bacterial communities across the Atlantic-Baltic Sea gradient. <i>Molecular Ecology</i> , 2023, 32, 6260-6277.	3.9	6
148	MORPHOLOGY AND SYSTEMATICS OF <i>SCIUROTHAMNION STEGENGAE</i> GEN. ET SP. NOV. (CERAMIACEAE, Tj ET Qq 0,0 0 rg BT / Overlock	2.3	5
149	<i>Rhipidosiphon lewmanomontiae</i> sp. nov. (Bryopsidales, Chlorophyta), a calcified udoteacean alga from the central Indo-Pacific based on morphological and molecular investigations. <i>Phycologia</i> , 2011, 50, 403-412.	1.4	5
150	Cryptic diversity in the macroalgal genus <i>Lobophora</i> (Dictyotales) reveals environmental drivers of algal assemblages. <i>Marine Biology</i> , 2020, 167, 1.	1.5	5
151	A fresh look at macroalgal-coral interactions: are macroalgae a threat to corals?. <i>Perspectives in Phycology</i> , 2016, 3, 129-140.	1.9	5
152	No Name, No Game. <i>European Journal of Taxonomy</i> , 2012, , .	0.6	5
153	Phylogenetic position of <i>Newhousia</i> (Dictyotales, Phaeophyceae) and the description of <i>N. sumayensis</i> sp. nov. from Guam. <i>Phycologia</i> , 2022, 61, 255-264.	1.4	5
154	<i>Caulerpa sedoides</i> f. <i>geminata</i> (Codiales, Chlorophyta) from Papua New Guinea, and a reappraisal of the different forms of <i>C. sedoides</i> . <i>Phycological Research</i> , 1998, 46, 131-137.	1.6	4
155	A morphological study and taxonomic revision of <i>Euptilota</i> (Ceramiaceae, Rhodophyta). <i>European Journal of Phycology</i> , 2004, 39, 369-393.	2.0	4
156	The Forgotten genus <i>Pseudoderbesia</i> (Bryopsidales, Chlorophyta). <i>Cryptogamie, Algologie</i> , 2014, 35, 207-219.	0.9	4
157	Marine flora of the Iles Eparses (Scattered Islands): A longitudinal transect through the Mozambique Channel. <i>Acta Oecologica</i> , 2016, 72, 33-40.	1.1	4
158	Complete mitochondrial genomes of six species of the freshwater red algal order Batrachospermales (Rhodophyta). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 607-610.	0.4	4
159	Systematic revision of the foliose Halymeniaceae (Halymeniales, Rhodophyta) from Europe, with the description of <i>Halymenia ballesterosii</i> sp. nov. from the Mediterranean Sea and <i>Nesoia hommersandii</i> from the Canary Islands. <i>European Journal of Phycology</i> , 2020, 55, 454-466.	2.0	4
160	<i>Aglaothamnion rigidulum</i> nov. spec. (Rhodophyta, Ceramiaceae) from South Africa. <i>Botanica Marina</i> , 2004, 47, .	1.2	3
161	The occurrence of <i>Dictyota canariensis</i> (Dictyotales, Phaeophyceae) in the Gulf of Mexico. <i>Botanica Marina</i> , 2014, 57, .	1.2	3
162	Multilocus coalescent species delimitation to evaluate traditionally defined morphotypes in <i>Hydrangea</i> sect. <i>Asperae</i> (Hydrangeaceae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 415-425.	2.7	3

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163	Egg activation-triggered shape change in the <i>Dictyota dichotoma</i> (Phaeophyceae) zygote is actin- and myosin and secretion dependent. <i>Annals of Botany</i> , 2017, 120, 529-538.	2.9	3
164	<i>Dictyota cyanoloma</i> (Dictyotales, Phaeophyceae), a Newly Introduced Brown Algal Species in California. <i>Journal of Phycology</i> , 2021, 57, 370-378.	2.3	3
165	First report of the Hawaiian genus <i>Newhousia</i> (Dictyotales, Phaeophyceae) from Madang, Papua New Guinea and description of the new species <i>N. yhaga</i> sp. nov.. <i>Botanica Marina</i> , 2016, 59, 31-37.	1.2	2
166	Phylogeny and Sequence Space: A Combined Approach to Analyze the Evolutionary Trajectories of Homologous Proteins. The Case Study of Aminodeoxychorismate Synthase. <i>Acta Biotheoretica</i> , 2020, 68, 139-156.	1.5	2
167	French Mediterranean and Atlantic populations of the brown algal genus <i>Taonia</i> (Dictyotales) display differences in phylogeny, surface metabolomes and epibacterial communities. <i>Algal Research</i> , 2021, 59, 102452.	4.6	2
168	<i>Skeletonella nelsoniae</i> gen. et sp. nov., representing a new tribe of marine macroalgae, the Skeletonelleae (Ceramiaceae, Rhodophyta). <i>Phycologia</i> , 2007, 46, 63-73.	1.4	1
169	Embracing algal models. <i>Seminars in Cell and Developmental Biology</i> , 2022, , .	5.0	1
170	<i>Vanvoorstia incipiens</i> sp. nov. (Delesseriaceae, Rhodophyta) from Tanzania, East Africa. <i>Phycologia</i> , 1999, 38, 394-400.	1.4	0