James A Coyer

List of Publications by Year
in descending order

39	2,255	279798	315739
papers	citations	23 h-index	38 g-index

41	41	41	2375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	North Atlantic phylogeography and large-scale population differentiation of the seagrass Zostera marina L.. Molecular Ecology, 2004, 13, 1923-1941.	3.9	277
2	COMMUNITY-WIDE EFFECTS OF NONINDIGENOUS SPECIES ON TEMPERATE ROCKY REEFS. Ecology, 2002, 83, 3182-3193.	3.2	181
3	Climate change impact on seaweed meadow distribution in the North Atlantic rocky intertidal. Ecology and Evolution, 2013, 3, 1356-1373.	1.9	170
4	EVOLUTION OF MACROCYSTIS SPP. (PHAEOPHYCEAE) AS DETERMINED BY ITS1 AND ITS2 SEQUENCES1,. Journal of Phycology, 2001, 37, 574-585.	2.3	113
5	The fate of the Arctic seaweed Fucus distichus under climate change: an ecological niche modeling approach. Ecology and Evolution, 2016, 6, 1712-1724.	1.9	109
6	Stress Ecology in Fucus: Abiotic, Biotic and Genetic Interactions. Advances in Marine Biology, 2011, 59, 37-105.	1.4	95
7	The phylogeographic architecture of the fucoid seaweed Ascophyllum nodosum: an intertidal â€˜marine treeâ€™ and survivor of more than one glacialâ€“interglacial cycle. Journal of Biogeography, 2010, 37, 842-856.	3.0	93
8	A mtDNA-based phylogeny of the brown algal genus Fucus (Heterokontophyta; Phaeophyta). Molecular Phylogenetics and Evolution, 2006, 39, 209-222.	2.7	83
9	Interactions between corals and algae on a temperate zone rocky reef: mediation by sea urchins. Journal of Experimental Marine Biology and Ecology, 1993, 167, 21-37.	1.5	82
10	An Expressed Sequence Tag Analysis of the Intertidal Brown Seaweeds Fucus serratus (L.) and F. vesiculosus (L.) (Heterokontophyta, Phaeophyceae) in Response to Abiotic Stressors. Marine Biotechnology, 2010, 12, 195-213.	2.4	77
11	Historical invasions of the intertidal zone of Atlantic North America associated with distinctive patterns of trade and emigration. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8239-8244.	7.1	73
12	Genome-wide transcriptomic responses of the seagrasses Zostera marina and Nanozostera noltii under a simulated heatwave confirm functional types. Marine Genomics, 2014, 15, 65-73.	1.1	68
13	GENETIC VARIABILITY AND SPATIAL SEPARATION IN THE SEA PALM KELP POSTELSIA PALMAEFORMIS (PHAEOPHYCEAE) AS ASSESSED WITH M13 FINGERPRINTS AND RAPDS1. Journal of Phycology, 1997, 33, 561-568.	2.3	64
14	Title is missing!. Hydrobiologia, 2003, 501, 149-166.	2.0	63
15	Trans-Pacific and trans-Arctic pathways of the intertidal macroalga Fucus distichus L. reveal multiple glacial refugia and colonizations from the North Pacific to the North Atlantic. Journal of Biogeography, 2011, 38, 756-771.	3.0	58
16	Thermal stress resistance of the brown alga Fucus serratus along the North-Atlantic coast: Acclimatization potential to climate change. Marine Genomics, 2014, 13, 27-36.	1.1	57
17	A fast and inexpensive DNA extraction/purification protocol for brown macroalgae. Molecular Ecology Notes, 2007, 7, 191-193.	1.7	56
18	Seascape drivers of <scp>M</scp>acrocystis pyrifera population genetic structure in the northeast <scp>P</scp>acific. Molecular Ecology, 2015, 24, 4866-4885.	3.9	55

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19	Convergent adaptation to a marginal habitat by homoploid hybrids and polyploid ecads in the seaweed genus Fucus. Biology Letters, 2006, 2, 405-408.	2.3	54
20	Asexual propagation in the coral reef macroalga Halimeda (Chlorophyta, Bryopsidales): production, dispersal and attachment of small fragments. Journal of Experimental Marine Biology and Ecology, 2002, 278, 47-65.	1.5	44
21	GENETIC VARIABILITY WITHIN A POPULATION AND BETWEEN DIPLOID/HAPLOID TISSUE OF MACROCYSTIS PYRIFERA (PHAEOPHYCEAE)1. Journal of Phycology, 1994, 30, 545-552.	2.3	41
22	Phylogeography of the seaweed Ishige okamurae (Phaeophyceae): evidence for glacial refugia in the northwest Pacific region. Marine Biology, 2012, 159, 1021-1028.	1.5	40
23	An evaluation of small-scale genetic diversity and the mating system in Zostera noltii on an intertidal sandflat in the Wadden Sea. Annals of Botany, 2011, 107, 127-134.	2.9	33
24	Climate Oscillations, Range Shifts and Phylogeographic Patterns of North Atlantic Fucaceae. , 2016, , 279-308.		27
25	Variation in thermal stress response in two populations of the brown seaweed,Fucus distichus, from the Arctic and subarctic intertidal. Royal Society Open Science, 2016, 3, 150429.	2.4	26
26	Clonal architecture in an intertidal bed of the dwarf eelgrass Zostera noltii in the Northern Wadden Sea: persistence through extreme physical perturbation and the importance of a seed bank. Marine Biology, 2009, 156, 2139-2148.	1.5	22
27	The Seagrass Methylome Is Associated With Variation in Photosynthetic Performance Among Clonal Shoots. Frontiers in Plant Science, 2020, 11, 571646.	3.6	21
28	DISCOVERY OF A FERTILE PELAGOPHYCUSxMACROCYSTIS(PHAEOPHYTA) PUTATIVE HYBRID AND SUBSEQUENT PRODUCTION OF F2 SPOROPHYTES IN THE LABORATORY1. Journal of Phycology, 1992, 28, 127-130.	2.3	16
29	Waterfowl grazing in autumn enhances spring seedling recruitment of intertidal Zostera noltii. Aquatic Botany, 2010, 93, 202-205.	1.6	16
30	Utilization of purple and red sea urchins (Strongylocentrotus purpuratus Stimpson and S.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td laboratory. Journal of Experimental Marine Biology and Ecology, 1987, 105, 21-38.	1.5	15
31	Being abundant is not enough: a decrease in effective population size over eight generations in a Norwegian population of the seaweed,Fucus serratus. Biology Letters, 2008, 4, 755-757.	2.3	15
32	PATERNAL LEAKAGE OF MITOCHONDRIAL DNA IN A FUCUS (PHAEOPHYCEAE) HYBRID ZONE¹. Journal of Phycology, 2009, 45, 621-624.	2.3	15
33	Distribution patterns and introduction pathways of the cosmopolitan brown alga Colpomenia peregrina using mt cox3 and atp6 sequences. Journal of Applied Phycology, 2014, 26, 491-504.	2.8	15
34	Numerous mitigation transplants of the eelgrass Zostera marina in southern California shuffle genetic diversity and may promote hybridization with Zostera pacifica. Biological Conservation, 2014, 176, 133-143.	4.1	15
35	Decadal stability in genetic variation and structure in the intertidal seaweed Fucus serratus (Heterokontophyta: Fucaceae). BMC Evolutionary Biology, 2018, 18, 94.	3.2	10
36	A FIELD-COMPATIBLE METHOD FOR EXTRACTION OF FINGERPRINT-QUALITY DNA FROM MACROCYSTIS PYRIFERA (PHAEOPHYCEAE)1. Journal of Phycology, 1995, 31, 177-180.	2.3	9

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37	Unravelling the complexity of salt marsh â€˜Fucus cottoniiâ€™ forms (Phaeophyceae, Fucales). European Journal of Phycology, 2017, 52, 360-370.	2.0	9
38	GENETIC VARIABILITY AND PARENTAGE IN MACROCYSTIS PYRIFERA (PHAEOPHYCEAE) USING MULTI-LOCUS DNA FINGERPRINTING1. Journal of Phycology, 1995, 31, 819-823.	2.3	8
39	Reply to Hu and Duan (Mar Biol â€¦): Insufficient geographical sampling could severely influence phylogeographic interpretations; comment on â€œPhylogeography of the seaweed Ishige okamurae (Phaeophyceae): evidence for glacial refugia in the northwest Pacific regionâ€•(Lee et al. 2012). Marine Biology, 2013, 160, 1519-1520.	1.5	1