

Helena Abreu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,581
citations

24
h-index

39
g-index

50
ext. papers

1,941
ext. citations

4.8
avg, IF

4.61
L-index

#	Paper	IF	Citations
48	IMTA with <i>Gracilaria vermiculophylla</i> : Productivity and nutrient removal performance of the seaweed in a land-based pilot scale system. <i>Aquaculture</i> , 2011 , 312, 77-87	4.4	203
47	Seaweeds: an opportunity for wealth and sustainable livelihood for coastal communities. <i>Journal of Applied Phycology</i> , 2014 , 26, 1939-1951	3.2	144
46	Traditional vs. Integrated Multi-Trophic Aquaculture of <i>Gracilaria chilensis</i> C. J. Bird, J. McLachlan & E. C. Oliveira: Productivity and physiological performance. <i>Aquaculture</i> , 2009 , 293, 211-220	4.4	107
45	Role of dietary seaweed supplementation on growth performance, digestive capacity and immune and stress responsiveness in European seabass (<i>Dicentrarchus labrax</i>). <i>Aquaculture Reports</i> , 2016 , 3, 189-197	2.3	72
44	Lipidomic Approaches towards Deciphering Glycolipids from Microalgae as a Reservoir of Bioactive Lipids. <i>Marine Drugs</i> , 2016 , 14,	6	68
43	Lipidomics as a new approach for the bioprospecting of marine macroalgae Unraveling the polar lipid and fatty acid composition of <i>Chondrus crispus</i> . <i>Algal Research</i> , 2015 , 8, 181-191	5	64
42	Nitrogen uptake responses of <i>Gracilaria vermiculophylla</i> (Ohmi) Papenfuss under combined and single addition of nitrate and ammonium. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011 , 407, 190-199	2.1	62
41	Chlorophyta and Rhodophyta macroalgae: a source of health promoting phytochemicals. <i>Food Chemistry</i> , 2015 , 183, 122-8	8.5	61
40	Recovery of phycobiliproteins from the red macroalga <i>Gracilaria</i> sp. using ionic liquid aqueous solutions. <i>Green Chemistry</i> , 2016 , 18, 4287-4296	10	59
39	Valorization of Lipids from <i>Gracilaria</i> sp. through Lipidomics and Decoding of Antiproliferative and Anti-Inflammatory Activity. <i>Marine Drugs</i> , 2017 , 15,	6	54
38	Screening of , sp., and as Functional Ingredients. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	53
37	Metal content of kelp (<i>Laminaria digitata</i>) co-cultivated with Atlantic salmon in an Integrated Multi-Trophic Aquaculture system. <i>Aquaculture</i> , 2016 , 450, 234-243	4.4	40
36	Decoding bioactive polar lipid profile of the macroalgae <i>Codium tomentosum</i> from a sustainable IMTA system using a lipidomic approach. <i>Algal Research</i> , 2015 , 12, 388-397	5	40
35	Ecophysiological studies of the non-indigenous species <i>Gracilaria vermiculophylla</i> (Rhodophyta) and its abundance patterns in Ria de Aveiro lagoon, Portugal. <i>European Journal of Phycology</i> , 2011 , 46, 453-464	2.2	32
34	Furthering knowledge of seaweed growth and development to facilitate sustainable aquaculture. <i>New Phytologist</i> , 2017 , 216, 967-975	9.8	31
33	Production of Mycosporine-Like Amino Acids from <i>Gracilaria vermiculophylla</i> (Rhodophyta) Cultured Through One Year in an Integrated Multi-trophic Aquaculture (IMTA) System. <i>Marine Biotechnology</i> , 2017 , 19, 246-254	3.4	30
32	Recovery of carotenoids from brown seaweeds using aqueous solutions of surface-active ionic liquids and anionic surfactants. <i>Separation and Purification Technology</i> , 2018 , 196, 300-308	8.3	30

31	Single-step extraction of carotenoids from brown macroalgae using non-ionic surfactants. <i>Separation and Purification Technology</i> , 2017 , 172, 268-276	8.3	30
30	Lipidomic Signatures Reveal Seasonal Shifts on the Relative Abundance of High-Valued Lipids from the Brown Algae. <i>Marine Drugs</i> , 2019 , 17,	6	29
29	Structural, physical, and chemical modifications induced by microwave heating on native agar-like galactans. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 4977-85	5.7	28
28	Effect of Oven-Drying on the Recovery of Valuable Compounds from , sp. and. <i>Marine Drugs</i> , 2019 , 17,	6	26
27	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed <i>Porphyra dioica</i> . <i>Molecules</i> , 2018 , 23,	4.8	26
26	The impact of seaweed life phase and postharvest storage duration on the chemical and rheological properties of hybrid carrageenans isolated from Portuguese <i>Mastocarpus stellatus</i> . <i>Carbohydrate Polymers</i> , 2012 , 87, 2655-2663	10.3	26
25	Effects of dietary <i>Gracilaria</i> sp. and <i>Alaria</i> sp. supplementation on growth performance, metabolic rates and health in meagre (<i>Argyrosomus regius</i>) subjected to pathogen infection. <i>Journal of Applied Phycology</i> , 2017 , 29, 433-447	3.2	25
24	Distribution and population dynamics of the introduced seaweed <i>Grateloupia turuturu</i> (Halymeniaceae, Rhodophyta) along the Portuguese coast. <i>Phycologia</i> , 2011 , 50, 392-402	2.7	23
23	A New Look for the Red Macroalga : A Seafood with Polar Lipids Rich in EPA and with Antioxidant Properties. <i>Marine Drugs</i> , 2019 , 17,	6	21
22	Cultivating the Macroalgal Holobiont: Effects of Integrated Multi-Trophic Aquaculture on the Microbiome of <i>Ulva rigida</i> (Chlorophyta). <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	20
21	Lipidomic signature of the green macroalgae <i>Ulva rigida</i> farmed in a sustainable integrated multi-trophic aquaculture. <i>Journal of Applied Phycology</i> , 2019 , 31, 1369-1381	3.2	20
20	Lipophilic Fraction of Cultivated <i>Bifurcaria bifurcata</i> R. Ross: Detailed Composition and In Vitro Prospection of Current Challenging Bioactive Properties. <i>Marine Drugs</i> , 2017 , 15,	6	19
19	Valuing Bioactive Lipids from Green, Red and Brown Macroalgae from Aquaculture, to Foster Functionality and Biotechnological Applications. <i>Molecules</i> , 2020 , 25,	4.8	19
18	Bioprospecting for lipophilic-like components of five Phaeophyta macroalgae from the Portuguese coast. <i>Journal of Applied Phycology</i> , 2016 , 28, 3151-3158	3.2	17
17	Impact of cultivation of <i>Mastocarpus stellatus</i> in IMTA on the seaweeds chemistry and hybrid carrageenan properties. <i>Carbohydrate Polymers</i> , 2015 , 116, 140-8	10.3	13
16	Environmental Impacts of Experimental Production of Lactic Acid for Bioplastics from <i>Ulva</i> spp.. <i>Sustainability</i> , 2018 , 10, 2462	3.6	11
15	Seaweed <i>Alaria esculenta</i> as a biomonitor species of metal contamination in Aughinish Bay (Ireland). <i>Ecological Indicators</i> , 2016 , 69, 19-25	5.8	10
14	On the bioremediation efficiency of <i>Mastocarpus stellatus</i> (Stackhouse) Guiry, in an integrated multi-trophic aquaculture system. <i>Journal of Applied Phycology</i> , 2015 , 27, 1289-1295	3.2	8

13	Dietary Supplementation with the Red Seaweed Protects against DNA Damage and Pre-Malignant Dysplastic Skin Lesions in HPV-Transgenic Mice. <i>Marine Drugs</i> , 2019 , 17,	6	8
12	Effects of light, temperature and stocking density on <i>Halopteris scoparia</i> growth. <i>Journal of Applied Phycology</i> , 2017 , 29, 405-411	3.2	8
11	Polar Lipids Composition, Antioxidant and Anti-Inflammatory Activities of the Atlantic Red Seaweed. <i>Marine Drugs</i> , 2021 , 19,	6	7
10	Red seaweeds <i>Porphyra umbilicalis</i> and <i>Grateloupia turuturu</i> display antigenotoxic and longevity-promoting potential in <i>Drosophila melanogaster</i> . <i>European Journal of Phycology</i> , 2019 , 54, 519-530	2.2	6
9	Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. <i>Algal Research</i> , 2021 , 55, 102242	5	6
8	Searching for antigenotoxic properties of marine macroalgae dietary supplementation against endogenous and exogenous challenges. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018 , 81, 939-956	3.2	6
7	Fuel characteristics and combustion behavior of seaweed-derived hydrochars. <i>Turkish Journal of Chemistry</i> , 2019 , 43, 475-491	1	5
6	Marine macroalgae as a dietary source of genoprotection in gilthead seabream (<i>Sparus aurata</i>) against endogenous and exogenous challenges. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 219, 12-24	3.2	5
5	The microbiome of the habitat-forming brown alga <i>Fucus vesiculosus</i> (Phaeophyceae) has similar cross-Atlantic structure that reflects past and present drivers. <i>Journal of Phycology</i> , 2021 , 57, 1681-1698 ³		3
4	Enzyme-Assisted Release of Antioxidant Peptides from <i>Conchocelis</i> . <i>Antioxidants</i> , 2021 , 10,	7.1	2
3	Red seaweeds strengthening the nexus between nutrition and health: phytochemical characterization and bioactive properties of <i>Grateloupia turuturu</i> and <i>Porphyra umbilicalis</i> extracts. <i>Journal of Applied Phycology</i> , 2021 , 33, 3365-3381	3.2	2
2	Benthic assemblages of rock pools in northern Portugal: seasonal and between-pool variability. <i>Scientia Marina</i> , 2011 ,	1.8	1
1	Comparative genoprotection ability of wild-harvested vs. aqua-cultured <i>Ulva rigida</i> coupled with phytochemical profiling. <i>European Journal of Phycology</i> , 2021 , 56, 105-118	2.2	0