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List of Publications by Year in descending order

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Version: 2024-02-01

50 papers	2,241 citations	186209 28 h-index	223716 46 g-index
50 all docs	50 docs citations	50 times ranked	2692 citing authors

#	Article	IF	Citations
1	IMTA with Gracilaria vermiculophylla: Productivity and nutrient removal performance of the seaweed in a land-based pilot scale system. Aquaculture, 2011, 312, 77-87.	1.7	248
2	Seaweeds: an opportunity for wealth and sustainable livelihood for coastal communities. Journal of Applied Phycology, 2014, 26, 1939-1951.	1.5	192
3	Traditional vs. Integrated Multi-Trophic Aquaculture of Gracilaria chilensis C. J. Bird, J. McLachlan & E. C. Oliveira: Productivity and physiological performance. Aquaculture, 2009, 293, 211-220.	1.7	130
4	Role of dietary seaweed supplementation on growth performance, digestive capacity and immune and stress responsiveness in European seabass (Dicentrarchus labrax). Aquaculture Reports, 2016, 3, 189-197.	0.7	104
5	Lipidomic Approaches towards Deciphering Glycolipids from Microalgae as a Reservoir of Bioactive Lipids. Marine Drugs, 2016, 14, 101.	2.2	96
6	Screening of Ulva rigida, Gracilaria sp., Fucus vesiculosus and Saccharina latissima as Functional Ingredients. International Journal of Molecular Sciences, 2018, 19, 2987.	1.8	89
7	Lipidomics as a new approach for the bioprospecting of marine macroalgae â€" Unraveling the polar lipid and fatty acid composition of Chondrus crispus. Algal Research, 2015, 8, 181-191.	2.4	81
8	Nitrogen uptake responses of Gracilaria vermiculophylla (Ohmi) Papenfuss under combined and single addition of nitrate and ammonium. Journal of Experimental Marine Biology and Ecology, 2011, 407, 190-199.	0.7	80
9	Chlorophyta and Rhodophyta macroalgae: A source of health promoting phytochemicals. Food Chemistry, 2015, 183, 122-128.	4.2	79
10	Recovery of phycobiliproteins from the red macroalga Gracilaria sp. using ionic liquid aqueous solutions. Green Chemistry, 2016, 18, 4287-4296.	4.6	71
11	Valorization of Lipids from Gracilaria sp. through Lipidomics and Decoding of Antiproliferative and Anti-Inflammatory Activity. Marine Drugs, 2017, 15, 62.	2.2	68
12	Furthering knowledge of seaweed growth and development to facilitate sustainable aquaculture. New Phytologist, 2017, 216, 967-975.	3.5	64
13	Cultivating the Macroalgal Holobiont: Effects of Integrated Multi-Trophic Aquaculture on the Microbiome of Ulva rigida (Chlorophyta). Frontiers in Marine Science, 2020, 7, .	1.2	61
14	Decoding bioactive polar lipid profile of the macroalgae Codium tomentosum from a sustainable IMTA system using a lipidomic approach. Algal Research, 2015, 12, 388-397.	2.4	53
15	Lipidomic Signatures Reveal Seasonal Shifts on the Relative Abundance of High-Valued Lipids from the Brown Algae Fucus vesiculosus. Marine Drugs, 2019, 17, 335.	2.2	53
16	Metal content of kelp (Laminaria digitata) co-cultivated with Atlantic salmon in an Integrated Multi-Trophic Aquaculture system. Aquaculture, 2016, 450, 234-243.	1.7	51
17	Effect of Oven-Drying on the Recovery of Valuable Compounds from Ulva rigida, Gracilaria sp. and Fucus vesiculosus. Marine Drugs, 2019, 17, 90.	2.2	49
18	Structural, Physical, and Chemical Modifications Induced by Microwave Heating on Native Agar-like Galactans. Journal of Agricultural and Food Chemistry, 2012, 60, 4977-4985.	2.4	39

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19	Production of Mycosporine-Like Amino Acids from Gracilaria vermiculophylla (Rhodophyta) Cultured Through One Year in an Integrated Multi-trophic Aquaculture (IMTA) System. Marine Biotechnology, 2017, 19, 246-254.	1.1	39
20	Valuing Bioactive Lipids from Green, Red and Brown Macroalgae from Aquaculture, to Foster Functionality and Biotechnological Applications. Molecules, 2020, 25, 3883.	1.7	39
21	Ecophysiological studies of the non-indigenous speciesGracilaria vermiculophylla(Rhodophyta) and its abundance patterns in Ria de Aveiro lagoon, Portugal. European Journal of Phycology, 2011, 46, 453-464.	0.9	38
22	A New Look for the Red Macroalga Palmaria palmata: A Seafood with Polar Lipids Rich in EPA and with Antioxidant Properties. Marine Drugs, 2019, 17, 533.	2.2	38
23	Recovery of carotenoids from brown seaweeds using aqueous solutions of surface-active ionic liquids and anionic surfactants. Separation and Purification Technology, 2018, 196, 300-308.	3.9	37
24	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed Porphyra dioica. Molecules, 2018, 23, 187.	1.7	36
25	Lipidomic signature of the green macroalgae Ulva rigida farmed in a sustainable integrated multi-trophic aquaculture. Journal of Applied Phycology, 2019, 31, 1369-1381.	1.5	36
26	Single-step extraction of carotenoids from brown macroalgae using non-ionic surfactants. Separation and Purification Technology, 2017, 172, 268-276.	3.9	34
27	The impact of seaweed life phase and postharvest storage duration on the chemical and rheological properties of hybrid carrageenans isolated from Portuguese Mastocarpus stellatus. Carbohydrate Polymers, 2012, 87, 2655-2663.	5.1	33
28	Effects of dietary Gracilaria sp. and Alaria sp. supplementation on growth performance, metabolic rates and health in meagre (Argyrosomus regius) subjected to pathogen infection. Journal of Applied Phycology, 2017, 29, 433-447.	1.5	32
29	Distribution and population dynamics of the introduced seaweedGrateloupia turuturu(Halymeniaceae, Rhodophyta) along the Portuguese coast. Phycologia, 2011, 50, 392-402.	0.6	29
30	Lipophilic Fraction of Cultivated Bifurcaria bifurcata R. Ross: Detailed Composition and In Vitro Prospection of Current Challenging Bioactive Properties. Marine Drugs, 2017, 15, 340.	2.2	26
31	Environmental Impacts of Experimental Production of Lactic Acid for Bioplastics from Ulva spp.. Sustainability, 2018, 10, 2462.	1.6	26
32	Polar Lipids Composition, Antioxidant and Anti-Inflammatory Activities of the Atlantic Red Seaweed Grateloupia turuturu. Marine Drugs, 2021, 19, 414.	2.2	22
33	Bioprospecting for lipophilic-like components of five Phaeophyta macroalgae from the Portuguese coast. Journal of Applied Phycology, 2016, 28, 3151-3158.	1.5	19
34	Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. Algal Research, 2021, 55, 102242.	2.4	17
35	The microbiome of the habitatâ€forming brown alga Fucus vesiculosus (Phaeophyceae) has similar crossâ€Atlantic structure that reflects past and present drivers¹. Journal of Phycology, 2021, 57, 1681-1698.	1.0	17
36	Seaweed Alaria esculenta as a biomonitor species of metal contamination in Aughinish Bay (Ireland). Ecological Indicators, 2016, 69, 19-25.	2.6	16

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37	Impact of cultivation of Mastocarpus stellatus in IMTA on the seaweeds chemistry and hybrid carrageenan properties. Carbohydrate Polymers, 2015, 116, 140-148.	5.1	15
38	Effects of light, temperature and stocking density on Halopteris scoparia growth. Journal of Applied Phycology, 2017, 29, 405-411.	1.5	13
39	Dietary Supplementation with the Red Seaweed Porphyra umbilicalis Protects against DNA Damage and Pre-Malignant Dysplastic Skin Lesions in HPV-Transgenic Mice. Marine Drugs, 2019, 17, 615.	2.2	12
40	On the bioremediation efficiency of Mastocarpus stellatus (Stackhouse) Guiry, in an integrated multi-trophic aquaculture system. Journal of Applied Phycology, 2015, 27, 1289-1295.	1.5	9
41	Red seaweeds Porphyra umbilicalis and Grateloupia turuturu display antigenotoxic and longevity-promoting potential in Drosophila melanogaster. European Journal of Phycology, 2019, 54, 519-530.	0.9	9
42	Marine macroalgae as a dietary source of genoprotection in gilthead seabream (Sparus aurata) against endogenous and exogenous challenges. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 219, 12-24.	1.3	9
43	Searching for antigenotoxic properties of marine macroalgae dietary supplementation against endogenous and exogenous challenges. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 939-956.	1.1	8
44	Fuel characteristics and combustion behavior of seaweed-derived hydrochars. Turkish Journal of Chemistry, 2019, 43, 475-491.	0.5	6
45	Red seaweeds strengthening the nexus between nutrition and health: phytochemical characterization and bioactive properties of Grateloupia turuturu and Porphyra umbilicalis extracts. Journal of Applied Phycology, 2021, 33, 3365-3381.	1.5	5
46	Comparative genoprotection ability of wild-harvested vs. aqua-cultured Ulva rigida coupled with phytochemical profiling. European Journal of Phycology, 2021, 56, 105-118.	0.9	4
47	Benthic assemblages of rock pools in northern Portugal: seasonal and between-pool variability. Scientia Marina, 2011, .	0.3	4
48	Enzyme-Assisted Release of Antioxidant Peptides from Porphyra dioica Conchocelis. Antioxidants, 2021, 10, 249.	2.2	3
49	Screening for Health-Promoting Fatty Acids in Ascidians and Seaweeds Grown under the Influence of Fish Farming Activities. Marine Drugs, 2021, 19, 469.	2.2	1
50	The Red Seaweed Grateloupia turuturu Prevents Epidermal Dysplasia in HPV16-Transgenic Mice. Nutrients, 2021, 13, 4529.	1.7	1