

João Cotas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4906322/publications.pdf>

Version: 2024-02-01

40
papers

1,309
citations

471061

17
h-index

476904

29
g-index

44
all docs

44
docs citations

44
times ranked

940
citing authors

#	ARTICLE	IF	CITATIONS
1	Seaweed Phenolics: From Extraction to Applications. <i>Marine Drugs</i> , 2020, 18, 384.	2.2	234
2	Seaweed Potential in the Animal Feed: A Review. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 559.	1.2	149
3	The Evolution Road of Seaweed Aquaculture: Cultivation Technologies and the Industry 4.0. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6528.	1.2	124
4	A Comprehensive Review of the Nutraceutical and Therapeutic Applications of Red Seaweeds (Rhodophyta). <i>Life</i> , 2020, 10, 19.	1.1	113
5	Seaweed's Bioactive Candidate Compounds to Food Industry and Global Food Security. <i>Life</i> , 2020, 10, 140.	1.1	97
6	Seaweeds Compounds: An Ecosustainable Source of Cosmetic Ingredients?. <i>Cosmetics</i> , 2021, 8, 8.	1.5	77
7	Evaluation and Characterization of Alginate Extracted from Brown Seaweed Collected in the Red Sea. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6290.	1.3	44
8	Antitumour Potential of <i>Gigartina pistillata</i> Carrageenans against Colorectal Cancer Stem Cell-Enriched Tumourspheres. <i>Marine Drugs</i> , 2020, 18, 50.	2.2	42
9	Seaweeds as Valuable Sources of Essential Fatty Acids for Human Nutrition. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4968.	1.2	41
10	Environmental Impact on Seaweed Phenolic Production and Activity: An Important Step for Compound Exploitation. <i>Marine Drugs</i> , 2021, 19, 245.	2.2	39
11	Marine macroalgae in a circular economy context: A comprehensive analysis focused on residual biomass. <i>Biotechnology Advances</i> , 2022, 60, 107987.	6.0	32
12	Effect of Carrageenans on Vegetable Jelly in Humans with Hypercholesterolemia. <i>Marine Drugs</i> , 2020, 18, 19.	2.2	28
13	Invasive Seaweeds in the Iberian Peninsula: A Contribution for Food Supply. <i>Marine Drugs</i> , 2020, 18, 560.	2.2	27
14	Introductory Chapter: Alginates - A General Overview. , 2020, , .		27
15	Red Seaweed Pigments from a Biotechnological Perspective. <i>Phycology</i> , 2022, 2, 1-29.	1.7	25
16	Extraction and Analysis of Compounds with Antibacterial Potential from the Red Alga <i>Grateloupia turuturu</i> . <i>Journal of Marine Science and Engineering</i> , 2019, 7, 220.	1.2	22
17	Seaweeds's pigments and phenolic compounds with antimicrobial potential. <i>Biomolecular Concepts</i> , 2022, 13, 89-102.	1.0	22
18	The effect of salinity on <i>Fucus ceranoides</i> (Ochrophyta, Phaeophyceae) in the Mondego River (Portugal). <i>Journal of Oceanology and Limnology</i> , 2019, 37, 881-891.	0.6	18

#	ARTICLE	IF	CITATIONS
19	Calliblepharis jubata Cultivation Potential—A Comparative Study between Controlled and Semi-Controlled Aquaculture. Applied Sciences (Switzerland), 2020, 10, 7553.	1.3	15
20	Seaweeds as a Fermentation Substrate: A Challenge for the Food Processing Industry. Processes, 2021, 9, 1953.	1.3	13
21	Seaweeds—nutraceutical and biomedical potential in cancer therapy: a concise review. Journal of Cancer Metastasis and Treatment, 0, 2021, .	0.5	12
22	On the Health Benefits vs. Risks of Seaweeds and Their Constituents: The Curious Case of the Polymer Paradigm. Marine Drugs, 2021, 19, 164.	2.2	12
23	Seaweeds—carbohydrate polymers as plant growth promoters. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100097.	1.6	12
24	Seaweed-Based Products and Mushroom β -Glucan as Tomato Plant Immunological Inducers. Vaccines, 2020, 8, 524.	2.1	11
25	Effects of Heat Treatment Processes: Health Benefits and Risks to the Consumer. Applied Sciences (Switzerland), 2021, 11, 8740.	1.3	11
26	Marine macroalgae as a feasible and complete resource to address and promote Sustainable Development Goals (SDGs). Integrated Environmental Assessment and Management, 2022, 18, 1148-1161.	1.6	10
27	Historical Use of Seaweed as an Agricultural Fertilizer in the European Atlantic Area. , 2019, , 1-22.		9
28	Fucoidan - a valuable source from the ocean to pharmaceutical. Frontiers in Drug Chemistry and Clinical Research, 2020, 3, .	0.6	9
29	Call the Eckols: Present and Future Potential Cancer Therapies. Marine Drugs, 2022, 20, 387.	2.2	8
30	A Comparative Study of the Fatty Acids and Monosaccharides of Wild and Cultivated Ulva sp.. Journal of Marine Science and Engineering, 2022, 10, 233.	1.2	7
31	Portuguese Kelps: Feedstock Assessment for the Food Industry. Applied Sciences (Switzerland), 2021, 11, 10681.	1.3	5
32	Seaweed-Based Polymers from Sustainable Aquaculture to “Greener” Plastic Products. , 2022, , 591-602.		4
33	Chondracanthus teedei var. lusitanicus: The Nutraceutical Potential of an Unexploited Marine Resource. Marine Drugs, 2021, 19, 570.	2.2	3
34	Cultivation of Gracilaria gracilis in an Aquaculture System at Mondego River (Portugal) Estuary Adjacent Terrain. , 2021, , 83-92.		1
35	Seaweeds Used in Wastewater Treatment: Steps to Industrial Commercialization. , 2021, , 247-262.		1
36	Seaweed as Food: How to Guarantee Their Quality?. , 2022, , 309-321.		1

#	ARTICLE	IF	CITATIONS
37	A Road to the Sustainable Seaweed Aquaculture. , 2022, , 63-73.		1
38	Biochemical Composition of Six Native Seaweeds from Buarcos Bay, Central West Coast of Portugal. , 2021, , 227-236.		0
39	Red Seaweeds: Their Use in Formulation of Nutraceutical Food Products. , 2022, , 253-265.		0
40	Criteria for the development of culture media applied to microalgae-based fuel production. , 2022, , 33-45.		0