

João Cotas

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,309
citations

471509

17
h-index

477307

29
g-index

44
all docs

44
docs citations

44
times ranked

940
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Comparative Study of the Fatty Acids and Monosaccharides of Wild and Cultivated Ulva sp.. Journal of Marine Science and Engineering, 2022, 10, 233. | 2.6 | 7 |
| 2 | Seaweeds's pigments and phenolic compounds with antimicrobial potential. Biomolecular Concepts, 2022, 13, 89-102. | 2.2 | 22 |
| 3 | Seaweed as Food: How to Guarantee Their Quality?. , 2022, , 309-321. | | 1 |
| 4 | A Road to the Sustainable Seaweed Aquaculture. , 2022, , 63-73. | | 1 |
| 5 | Seaweed-Based Polymers from Sustainable Aquaculture to 'Greener' Plastic Products. , 2022, , 591-602. | | 4 |
| 6 | Red Seaweeds: Their Use in Formulation of Nutraceutical Food Products. , 2022, , 253-265. | | 0 |
| 7 | 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. | 2.9 | 10 |
| 8 | Red Seaweed Pigments from a Biotechnological Perspective. Phycology, 2022, 2, 1-29. | 3.6 | 25 |
| 9 | Criteria for the development of culture media applied to microalgae-based fuel production. , 2022, , 33-45. | | 0 |
| 10 | Marine macroalgae in a circular economy context: A comprehensive analysis focused on residual biomass. Biotechnology Advances, 2022, 60, 107987. | 11.7 | 32 |
| 11 | Call the Eckols: Present and Future Potential Cancer Therapies. Marine Drugs, 2022, 20, 387. | 4.6 | 8 |
| 12 | Cultivation of Gracilaria gracilis in an Aquaculture System at Mondego River (Portugal) Estuary Adjacent Terrain. , 2021, , 83-92. | | 1 |
| 13 | Biochemical Composition of Six Native Seaweeds from Buarcos Bay, Central West Coast of Portugal. , 2021, , 227-236. | | 0 |
| 14 | On the Health Benefits vs. Risks of Seaweeds and Their Constituents: The Curious Case of the Polymer Paradigm. Marine Drugs, 2021, 19, 164. | 4.6 | 12 |
| 15 | Environmental Impact on Seaweed Phenolic Production and Activity: An Important Step for Compound Exploitation. Marine Drugs, 2021, 19, 245. | 4.6 | 39 |
| 16 | Seaweeds as Valuable Sources of Essential Fatty Acids for Human Nutrition. International Journal of Environmental Research and Public Health, 2021, 18, 4968. | 2.6 | 41 |
| 17 | Evaluation and Characterization of Alginate Extracted from Brown Seaweed Collected in the Red Sea. Applied Sciences (Switzerland), 2021, 11, 6290. | 2.5 | 44 |
| 18 | Effects of Heat Treatment Processes: Health Benefits and Risks to the Consumer. Applied Sciences (Switzerland), 2021, 11, 8740. | 2.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Seaweeds™ carbohydrate polymers as plant growth promoters. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100097. | 2.6 | 12 |
| 20 | Seaweeds Compounds: An Ecosustainable Source of Cosmetic Ingredients?. Cosmetics, 2021, 8, 8. | 3.3 | 77 |
| 21 | Seaweeds Used in Wastewater Treatment: Steps to Industrial Commercialization. , 2021, , 247-262. | | 1 |
| 22 | Chondracanthus teedei var. lusitanicus: The Nutraceutical Potential of an Unexploited Marine Resource. Marine Drugs, 2021, 19, 570. | 4.6 | 3 |
| 23 | Seaweeds as a Fermentation Substrate: A Challenge for the Food Processing Industry. Processes, 2021, 9, 1953. | 2.8 | 13 |
| 24 | Portuguese Kelps: Feedstock Assessment for the Food Industry. Applied Sciences (Switzerland), 2021, 11, 10681. | 2.5 | 5 |
| 25 | Effect of Carrageenans on Vegetable Jelly in Humans with Hypercholesterolemia. Marine Drugs, 2020, 18, 19. | 4.6 | 28 |
| 26 | Seaweed-Based Products and Mushroom β-Glucan as Tomato Plant Immunological Inducers. Vaccines, 2020, 8, 524. | 4.4 | 11 |
| 27 | Invasive Seaweeds in the Iberian Peninsula: A Contribution for Food Supply. Marine Drugs, 2020, 18, 560. | 4.6 | 27 |
| 28 | Seaweed™s Bioactive Candidate Compounds to Food Industry and Global Food Security. Life, 2020, 10, 140. | 2.4 | 97 |
| 29 | Seaweed Phenolics: From Extraction to Applications. Marine Drugs, 2020, 18, 384. | 4.6 | 234 |
| 30 | Seaweed Potential in the Animal Feed: A Review. Journal of Marine Science and Engineering, 2020, 8, 559. | 2.6 | 149 |
| 31 | The Evolution Road of Seaweed Aquaculture: Cultivation Technologies and the Industry 4.0. International Journal of Environmental Research and Public Health, 2020, 17, 6528. | 2.6 | 124 |
| 32 | Calliblepharis jubata Cultivation Potential—A Comparative Study between Controlled and Semi-Controlled Aquaculture. Applied Sciences (Switzerland), 2020, 10, 7553. | 2.5 | 15 |
| 33 | Introductory Chapter: Alginates - A General Overview. , 2020, , . | | 27 |
| 34 | A Comprehensive Review of the Nutraceutical and Therapeutic Applications of Red Seaweeds (Rhodophyta). Life, 2020, 10, 19. | 2.4 | 113 |
| 35 | Fucoidan - a valuable source from the ocean to pharmaceutical. Frontiers in Drug Chemistry and Clinical Research, 2020, 3, . | 0.6 | 9 |
| 36 | Antitumour Potential of Gigartina pistillata Carrageenans against Colorectal Cancer Stem Cell-Enriched Tumourspheres. Marine Drugs, 2020, 18, 50. | 4.6 | 42 |

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|----|--|-----|-----------|
| 37 | Extraction and Analysis of Compounds with Antibacterial Potential from the Red Alga Grateloupia turuturu. Journal of Marine Science and Engineering, 2019, 7, 220. | 2.6 | 22 |
| 38 | The effect of salinity on Fucus ceranoides (Ochrophyta, Phaeophyceae) in the Mondego River (Portugal). Journal of Oceanology and Limnology, 2019, 37, 881-891. | 1.3 | 18 |
| 39 | Historical Use of Seaweed as an Agricultural Fertilizer in the European Atlantic Area. , 2019, , 1-22. | | 9 |
| 40 | Seaweeds's™ nutraceutical and biomedical potential in cancer therapy: a concise review. Journal of Cancer Metastasis and Treatment, 0, 2021, . | 0.8 | 12 |