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## Nutritional Value of Edible Seaweeds

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#	Paper	IF	Citations
573	Choice of foods and ingredients for moderately malnourished children 6 months to 5 years of age. <b>2009</b> , 30, S343-404		187
572	Dietary Ascophyllum nodosum increases urinary excretion of tricarboxylic acid cycle intermediates in male Sprague-dawley rats. <b>2009</b> , 139, 1487-94		5
571	Effect of feeding intact brown seaweed Ascophyllum nodosum on some digestive parameters and on iodine content in edible tissues in pigs. <b>2009</b> , 89, 584-594		69
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569	Nutritive and non-nutritive attributes of washed-up seaweeds from the coast of Cear�Brazil. <b>2009</b> , 115, 254-259		51
568	Characteristics and nutritional and cardiovascular-health properties of seaweeds. <b>2009</b> , 12, 236-58		213
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245	Influence of dietary sodium alginate and <i>Pediococcus acidilactici</i> on liver antioxidant status, intestinal lysozyme gene expression, histomorphology, microbiota, and digestive enzymes activity, in Asian sea bass ( <i>Lates calcarifer</i> ) juveniles. <b>2020</b> , 518, 734638		15
244	Effects of whole plant brown algae ( on zootechnical performance, apparent total tract digestibility, faecal characteristics and blood plasma urea in weaned piglets. <b>2020</b> , 74, 19-38		2
243	Health Functionality and Quality Control of Laver (, ): Current Issues and Future Perspectives as an Edible Seaweed. <i>Marine Drugs</i> , <b>2019</b> , 18,	6	20
242	The potential nutritive value of <i>Sargassum fulvellum</i> as a feed ingredient for ruminants. <i>Algal Research</i> , <b>2020</b> , 45, 101761	5	8
241	Volatile compounds of six species of edible seaweed: A review. <i>Algal Research</i> , <b>2020</b> , 45, 101740	5	24
240	Antibacterial Use of Macroalgae Compounds against Foodborne Pathogens. <b>2020</b> , 9,		10
239	A concise review of the brown macroalga <i>Ascophyllum nodosum</i> (Linnaeus) Le Jolis. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 3561-3584	3.2	14
238	Tropical foods as functional foods for metabolic syndrome. <b>2020</b> , 11, 6946-6960		10
237	Iodine Status and Thyroid Function in a Group of Seaweed Consumers in Norway. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	10
236	Minerals in edible seaweed: health benefits and food safety issues. <b>2020</b> , 1-16		11
235	Seaweed's Bioactive Candidate Compounds to Food Industry and Global Food Security. <b>2020</b> , 10,		39
234	Step by step extraction of bio-actives from the brown seaweeds, <i>Carpophyllum flexuosum</i> , <i>Carpophyllum plumosum</i> , <i>Ecklonia radiata</i> and <i>Undaria pinnatifida</i> . <i>Algal Research</i> , <b>2020</b> , 52, 102092	5	9
233	Marine Algal-derived Pharmaceuticals. <b>2020</b> , 2691-2724		2

232	Metabolites from Macroalgae and Its Applications in the Cosmetic Industry: A Circular Economy Approach. <b>2020</b> , 9, 101		29
231	Traditional and Novel Seafood Processing Techniques Targeting Human Health Promotion. <b>2020</b> , 3041-3084		1
230	Impact of thermal processing on the nutrients, phytochemicals, and metal contaminants in edible algae. <b>2020</b> , 1-19		12
229	Effects of air drying and freezing and long-term storage on phytochemical composition of brown seaweeds. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 4235-4249	3.2	5
228	Valuing Bioactive Lipids from Green, Red and Brown Macroalgae from Aquaculture, to Foster Functionality and Biotechnological Applications. <i>Molecules</i> , <b>2020</b> , 25,	4.8	19
227	Identification and Characterization of a Novel Thermostable and Salt-Tolerant $\beta$ ,3 Xylanase from Strain WPAGA1. <b>2020</b> , 10,		2
226	Concise review of the genus <i>Alaria</i> Greville, 1830. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 3543-3560	3.2	5
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222	Plant protein ingredients with food functionality potential. <b>2020</b> , 45, 321-327		37
221	The Evolution Road of Seaweed Aquaculture: Cultivation Technologies and the Industry 4.0. <b>2020</b> , 17,		59
220	Arsenosugar Phospholipids (As-PL) in Edible Marine Algae: An Interplay between Liquid Chromatography with Electrospray Ionization Multistage Mass Spectrometry and Phospholipases A and A for Regiochemical Assignment. <b>2020</b> , 31, 1260-1270		3
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218	Evaluation of seaweeds from marine waters in Northwestern Europe for application in animal nutrition. <b>2020</b> , 263, 114460		25
217	Temporal variation in pigment and mycosporine-like amino acid composition of the red macroalga <i>Palmaria palmata</i> from Brittany (France): hypothesis on the MAA biosynthesis pathway under high irradiance. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 2641-2656	3.2	11
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214	Memory-enhancing effects of Ishige foliacea extract: In vitro and in vivo study. <b>2020</b> , 44, e13162		5
213	Nutritional value and mineral content of seaweed from Binuangeun Beach, Indonesia and potential use as fish feed ingredient. <b>2020</b> , 429, 012064		
212	Kinetics of water-extractable zinc release from seaweed ( <i>Fucus serratus</i> ) as soil amendment. <b>2020</b> , 183, 136-143		
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208	Inhibitory effect of porphyran on lipopolysaccharide-induced activation of human immune cells. <b>2020</b> , 232, 115811		6
207	Co-culture of Nile tilapia ( <i>Oreochromis niloticus</i> ) and red seaweed ( <i>Gracilaria tenuistipitata</i> ) under different feeding rates: effects on water quality, fish growth and feed efficiency. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 2031-2040	3.2	6
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198	Importance of Seaweeds and Extractive Species in Global Aquaculture Production. <b>2021</b> , 29, 139-148		29
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194	Potential benefits of dietary seaweeds as protection against COVID-19. <i>Nutrition Reviews</i> , <b>2021</b> , 79, 814-823	6	12
193	Association between consumption of edible seaweeds and newly diagnosed non-alcohol fatty liver disease: The TCLSIH Cohort Study. <b>2021</b> , 41, 311-320		3
192	Impact of seaweed intake on health. <b>2021</b> , 75, 877-889		11
191	Antiinflammatory natural products from marine algae. <b>2021</b> , 175-203		1
190	Phycoremediation: A Sustainable Biorefinery Approach. <b>2021</b> , 101-140		0
189	Sesquiterpenes in Fresh Food. <b>2021</b> , 477-542		0
188	Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Cox's Bazar and St. Martin's Island of Bangladesh. <i>Journal of Aquatic Food Product Technology</i> , <b>2021</b> , 30, 217-227	1.6	1
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186	Aquaculture Production of the Brown Seaweeds and : Applications in Food and Pharmaceuticals. <i>Molecules</i> , <b>2021</b> , 26,	4.8	10
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184	On the Health Benefits vs. Risks of Seaweeds and Their Constituents: The Curious Case of the Polymer Paradigm. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3
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179	Commercially available kelp and seaweed products - valuable iodine source or risk of excess intake?. <b>2021</b> , 65,		3

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173	Inhibition of SARS-CoV-2 Virus Entry by the Crude Polysaccharides of Seaweeds and Abalone Viscera In Vitro. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	15
172	Valorization of pelagic sargassum biomass into sustainable applications: Current trends and challenges. <b>2021</b> , 283, 112013		13
171	Influence of Seasonal Variation on Chemical Composition and Nutritional Profiles of Macro- and Microalgae. <b>2021</b> , 14-71		
170	Insight on structure-property relationships of carrageenan from marine red algal: A review. <b>2021</b> , 257, 117642		17
169	Effect of harvesting month and proximity to fish farm sea cages on the lipid profile of cultivated <i>Saccharina latissima</i> . <i>Algal Research</i> , <b>2021</b> , 54, 102201	5	3
168	Marine Polysaccharides: Properties and Applications. <b>2021</b> , 423-439		0
167	Seasonal Changes in the Nutritional Composition of (Rhodophyta, Gracilariales) from the Center of Portugal. <i>Foods</i> , <b>2021</b> , 10,	4.9	11
166	A Systematic Review on Seaweed Functionality: A Sustainable Bio-Based Material. <i>Sustainability</i> , <b>2021</b> , 13, 6174	3.6	5
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164	Enteric methane mitigation by using seaweed <i>Euचेuma cottonii</i> . <b>2021</b> , 788, 012152		
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162	Antiviral Activity of Two Marine Carotenoids against SARS-CoV-2 Virus Entry In Silico and In Vitro. <b>2021</b> , 22,		6
161	Impact of carrageenan copolymers from two red seaweed varieties on dough and bread quality. <i>Journal of Applied Phycology</i> , <b>2021</b> , 33, 3347-3356	3.2	1



160	Human Exposure to Toxic Metals (Cd, Pb, Hg) and Nitrates (NO <sub>3</sub> <sup>-</sup> ) from Seaweed Consumption. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 6934	2.6	2
159	Algae biostimulants: A critical look at microalgal biostimulants for sustainable agricultural practices. <b>2021</b> , 49, 107754		18
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154	Protective Effect of Red Algae () Extracts on Essential Dietary Components of Heat-Treated Salmon. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
153	Porphyran and oligo-porphyran originating from red algae <i>Porphyra</i> : Preparation, biological activities, and potential applications. <b>2021</b> , 349, 129209		12
152	Chemical, Nutrient and Physicochemical Properties of Brown Seaweed, <i>C. Agardh</i> (Phaeophyceae) Collected from Port Dickson, Peninsular Malaysia. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
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149	Marine Algae-Derived Bioactive Compounds: A New Wave of Nanodrugs?. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	10
148	Seaweeds rehydration and boiling: Impact on iodine, sodium, potassium, selenium, and total arsenic contents and health benefits for consumption. <b>2021</b> , 155, 112385		1
147	Replacement of dietary kelp meal with three macroalgae sources on the growth performance, immune responses and anti-stress capacity of abalone <i>Haliotis discus hannai</i> . <i>Journal of Applied Phycology</i> , 1	3.2	0
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145	Phycocolloids from macroalgae. <b>2021</b> , 187-201		1
144	Marine Bioactives. <b>2021</b> , 195-235		
143	Characteristics of lipid content from the analysis of structural and optical properties of brown seaweed ( <i>Sargassum polycystum</i> ) after defatting by petroleum ether: preliminary studies. <b>2021</b> , 1763, 012089		

142	Seaweed Intake and Risk of Cardiovascular Disease: The Circulatory Risk in Communities Study (CIRCS). <b>2021</b> , 28, 1298-1306		0
141	Seaweed Cultivation and Its Biobusiness Status Around the World. <b>2021</b> , 151-182		1
140	Vitamin C from Seaweed: A Review Assessing Seaweed as Contributor to Daily Intake. <i>Foods</i> , <b>2021</b> , 10,	4.9	13
139	European Union legislation on macroalgae products. <b>2021</b> , 29, 487-509		31
138	A Foodomics Approach Reveals Hypocholesterolemic Activity of Red Microalgae. 31-39		3
137	Polysaccharides as Bioactive Components of Functional Food. 133-158		1
136	Algal Biotechnology: An Emerging Resource with Diverse Application and Potential. <b>2010</b> , 343-357		1
135	Preservation of five edible seaweeds by high pressure processing: effect on microbiota, shelf life, colour, texture and antioxidant capacity. <i>Algal Research</i> , <b>2020</b> , 49, 101938	5	17
134	Evaluating seaweed farming as an eco-engineering strategy for BlueShoreline infrastructure. <b>2020</b> , 152, 105857		2
133	Pigments in Fruit and Vegetables. <b>2016</b> , 120-151		1
132	Marine Algae and the Global Food Industry. <b>2014</b> , 308-327		1
131	Strong Endemism of bloom-forming tubular <i>Ulva</i> in Indian West Coast, with description of <i>Ulva paschima</i> Sp. Nov. (Ulvales, Chlorophyta). <b>2014</b> , 9, e109295		13
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127	Spatiotemporal bioaccumulation of lead, cadmium, zinc and copper metals in Lettuce Sea <i>Ulva lactuca</i> harvest in two Algerian west coasts. <b>2018</b> , 37, 243-258		3
126	A Critical Appraisal of the Evidence Supporting Consumer Motivations for Alternative Proteins. <i>Foods</i> , <b>2020</b> , 10,	4.9	13
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123	Natural Antioxidants: Function and Sources. <b>2013</b> , 04, 643-649	40
122	Valuable Biomolecules from Nine North Atlantic Red Macroalgae: Amino Acids, Fatty Acids, Carotenoids, Minerals and Metals. <b>2016</b> , 07, 157-183	11
121	Nitrogen allocation of <i>Gracilaria tikvahiae</i> grown in urbanized estuaries of Long Island Sound and New York City, USA: a preliminary evaluation of ocean farmed <i>Gracilaria</i> for alternative fish feeds. <b>2014</b> , 29, 227-235	26
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119	Effects of extracts on ruminal fermentation characteristics, methanogenesis, and microbial populations. <b>2018</b> , 31, 71-79	7
118	Optimization for Reduced-Fat / Low-NaCl Meat Emulsion Systems with Sea Mustard ( <i>Undaria pinnatifida</i> ) and Phosphate. <b>2015</b> , 35, 515-23	15
117	Edible Seaweeds: A Potential Novel Source of Bioactive Metabolites and Nutraceuticals With Human Health Benefits. <b>2021</b> , 8,	14
116	Nutrient content and proximate composition of three edible red seaweeds ( <i>Kappaphycus alvarezii</i> , <i>Eucheuma spinosum</i> , and <i>Eucheuma striatum</i> ). <b>2021</b> ,	
115	Algal Polysaccharides and Health. <b>2014</b> , 1-29	2
114	Fucoxanthin content and chemical composition in brown alga <i>Nizamuddinina zanardinii</i> (Phaeophyta) collected from Mirbat, Southern Oman (the Arabian Sea). <b>2017</b> , 27, 246-260	1
113	Alginates in Metabolic Syndrome. <b>2018</b> , 223-235	
112	Effects of Fermented Nori (<i>Pyropia yezoensis</i>) Liquid Fertilizer on Plant Growth Characteristics and Nutrient Content of Komatsuna (<i>Brassica rapa</i> L. var. Wakana Komatsuna) Cultivated in Vermiculite. <b>2018</b> , 09, 1601-1617	
111	Geleceğin Olas Protein Kaynakları 197-204	1
110	Sesquiterpenes in Fresh Food. <b>2020</b> , 1-66	
109	Biodiversity, Conservation and Medicinal Uses of Seaweeds: The Glimpses. <b>2020</b> , 21-32	0
108	<i>Caulerpa</i> : Ecology, Nutraceutical and Pharmaceutical Potential. <b>2020</b> , 299-318	1
107	Assessment of light intensity and salinity regimes on the element levels of brown macroalgae, <i>Treptacantha barbata</i> : Application of response surface methodology (RSM).	1

106	Discovery of Urinary Biomarkers of Seaweed Intake Using Untargeted LC-MS Metabolomics in a Three-Way Cross-Over Human Study. <b>2020</b> , 11,			1
105	Hypotriglyceridemic effects of brown seaweed consumption via regulation of bile acid excretion and hepatic lipogenesis in high fat diet-induced obese mice. <b>2020</b> , 14, 580-592			0
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103	Evaluation of four macro-algae on growth performance, antioxidant capacity and non-specific immunity in golden pompano ( <i>Trachinotus ovatus</i> ). <b>2021</b> , 737690			0
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101	Cardioprotective and neuroprotective effects of nutraceuticals derived from marine origin. <b>2022</b> , 707-723			
100	An Assessment of Selected Nutritional, Bioactive, Thermal and Technological Properties of Brown and Red Irish Seaweed Species. <i>Foods</i> , <b>2021</b> , 10,	4.9		3
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96	Health benefits and potential applications of fucoïdan (FCD) extracted from brown seaweeds in aquaculture: An updated review.. <b>2022</b> , 122, 115-115			5
95	Polysaccharides from edible brown seaweed are effective against high-fat diet-induced obesity in mice through the modulation of intestinal microecology.. <b>2022</b> ,			1
94	Effect of pH and seaweed ( <i>Undaria pinnatifida</i> ) meal level on rheological and antioxidant properties of model aqueous systems. <i>Algal Research</i> , <b>2022</b> , 62, 102629		5	
93	Algal carbon assimilation by Senegalese sole ( <i>Solea senegalensis</i> ) from a compound diet including <sup>13</sup> C-enriched <i>Ulva ohnoi</i> meal. <b>2022</b> , 552, 737964			
92	Bioprospecting of microalgae derived high value compounds with commercial significance. <b>2022</b> , 325-355			
91	Low-Molecular-Weight Seaweed-Derived Polysaccharides Lead to Increased Faecal Bulk but Do Not Alter Human Gut Health Markers.. <i>Foods</i> , <b>2021</b> , 10,	4.9		
90	Recent advances in industrial applications of seaweeds. <b>2021</b> , 1-30			7
89	Seaweeds as Functional Food: A Comprehensive Review of Its Antioxidants and Therapeutic Merits Against Oxidative Stress-Mediated Chronic Diseases. <b>2022</b> , 77-91			

88	Global Trade of Seaweed Foods. <b>2022</b> , 325-337		
87	Valorisation of Macroalgal Biomass for Sustainable Biorefineries. <b>2022</b> , 603-626		
86	Seaweeds: Potential Applications of the Aquatic Vegetables to Augment Nutritional Composition, Texture, and Health Benefits of Food and Food Products. <b>2022</b> , 3-54		0
85	Potential Products from Macroalgae: An Overview. <b>2022</b> , 17-44		0
84	Pharmacological Importance of Bioactive Molecules of Seaweeds. <b>2022</b> , 597-613		0
83	Seaweeds as a Source of Vitamin B12. <b>2022</b> , 339-350		
82	Palmaria Species: From Ecology and Cultivation to Its Use in Food and Health Benefits. <b>2022</b> , 45-61		
81	Chemical and Nutritional Compositions and in vitro Digestibility of Brown and Green Seaweed in Southern Oman. <b>2022</b> , 21, 353-359		
80	Feasibility of United Arab Emirates Native Seaweed <i>Ulva intestinalis</i> as a Food Source: Study of Nutritional and Mineral Compositions. <i>Phycology</i> , <b>2022</b> , 2, 120-131		
79	Anti-Obesity Effect of Ethanol Extract In Vitro and In Vivo.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	0
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