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**Carrageenans: Biological properties, chemical modifications and structural analysis A review**

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858	New smart carrageenan-based superabsorbent hydrogel hybrid: Investigation of swelling rate and environmental responsiveness. <b>2010</b> , 117, n/a-n/a		4
857	Isolamento, fracionamento e atividade anticoagulante de iota-carragenanas da <i>Solieria filiformis</i> . <b>2010</b> , 40, 2310-2316		3
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855	NMR of Na <sup>+</sup> , glycine and HDO in isotropic and anisotropic carrageenan gels. <b>2010</b> , 1, 1109		12
854	Fibrillation of $\beta$ -lactoglobulin at low pH in the presence of a complexing anionic polysaccharide. <b>2010</b> , 26, 17449-58		41
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663	Red Seaweeds <i>Sarcodiotheca gaudichaudii</i> and <i>Chondrus crispus</i> down Regulate Virulence Factors of <i>Salmonella</i> Enteritidis and Induce Immune Responses in <i>Caenorhabditis elegans</i> . <b>2016</b> , 7, 421	29

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118	Carrageenan-Based Hybrids with Biopolymers and Nano-Structured Materials for Biomimetic Applications. 2200018		3
117	Optical Detection of Copper Ions Structural Dissociation of Plasmonic Sugar Nanoprobes.. <b>2022</b> ,		1
116	Effects of $\kappa$ Carrageenan and Guar Gum on the Rheological Properties and Microstructure of Phycocyanin Gel.. <b>2022</b> , 11,		0
115	Structural characteristics of native and chemically sulfated polysaccharides from seaweed and their antimelanoma effects.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 289, 119436	10.3	1
114	Effect of $\kappa$ carrageenan and its acidic and enzymatic hydrolysates on ice crystal structure changes in model sucrose solution. <b>2022</b> , 643, 128744		2
113	Nanostructured Carrageenan as Drug Carrier. <b>2022</b> , 523-542		
112	Comparative Analysis of the Functional Properties of Films Based on Carrageenans, Chitosan, and Their Polyelectrolyte Complexes.. <b>2021</b> , 19,		0
111	Bio-Nanocomposite of Carrageenan Incorporating Titanium Dioxide Nanoparticles Scaffold and Hydrogel for Tissue Engineering Applications. <b>2022</b> , 295-321		1
110	Drying kinetics and quality characteristics of <i>Euचेuma cottonii</i> seaweed in various drying methods. <b>2022</b> , 46,		
109	Iota-Carrageenan Inhibits Replication of SARS-CoV-2 and the Respective Variants of Concern Alpha, Beta, Gamma and Delta.. <b>2021</b> , 22,		3
108	Marine Biopolymers: Applications in Food Packaging. <b>2021</b> , 9, 2245		2
107	Anionic organo-hydrogel electrolyte with enhanced ionic conductivity and balanced mechanical properties for flexible supercapacitors.		3
106	Dietary fiber in bakery products: Source, processing, and function. <b>2022</b> ,		1
105	Digital light processing-based 3D bioprinting of $\kappa$ carrageenan hydrogels for engineering cell-loaded tissue scaffolds.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 290, 119508	10.3	0

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99	Natural polysaccharide-based biodegradable polymeric platforms for transdermal drug delivery system: a critical analysis.. <b>2022, 1</b>	2
98	Algal Polysaccharides-Based Hydrogels: Extraction, Synthesis, Characterization, and Applications. <b>2022, 20, 306</b>	1
97	Thermal, Mechanical and Physical Properties of Composite Films Developed from Seaweed Polysaccharides/Cellulose Nanofibers. 1	1
96	Marine Biopolymers as Bioactive Functional Ingredients of Electrospun Nanofibrous Scaffolds for Biomedical Applications. <b>2022, 20, 314</b>	3
95	Carrageenan From Kappaphycus alvarezii (Rhodophyta, Solieriaceae): Metabolism, Structure, Production, and Application. <b>2022, 13,</b>	3
94	Multifaceted role of natural sources for COVID-19 pandemic as marine drugs.. <b>2022, 1</b>	1
93	Characteristics, formation mechanism and stability of high internal phase emulsions stabilized by porcine plasma protein (PPP) / carrageenan (CG) hybrid particles. <b>2022, 101751</b>	0
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91	Electrohydrodynamic processing of phycocolloids for food-related applications: Recent advances and future prospects. <b>2022, 125, 114-125</b>	0
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88	Application of Algae in Food Science, Antioxidants, Animal Feed, and Aquaculture. <b>2022, 397-417</b>	
87	Utilization of Algae in Crop Improvement and Crop Protection for a Better Agricultural System. <b>2022, 442-470</b>	1

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85	A Guide to Polysaccharide-Based Hydrogel Bioinks for 3D Bioprinting Applications. <b>2022</b> , 23, 6564	2
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83	Seaweed carrageenans: Productions and applications. <b>2022</b> , 67-80	
82	Carbohydrates, Proteins, and Amino Acids. <b>2022</b> , 269-313	
81	Biomass and carrageenan yields of <i>Hypnea musciformis</i> in relation to selected environmental variables in the coastal waters of Ghana.	1
80	Recent biopolymers used for membrane fuel cells: Characterization analysis perspectives.	1
79	Iota-carrageenan as sustainable bio-adsorbent for the removal of europium ions from aqueous solutions. <b>2022</b> , 104111	0
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69	Determination of Hardness of a Pharmaceutical Oral Jelly by Using $T_2$ Relaxation Behavior Measured by Time-Domain NMR. <b>2022</b> , 70, 558-565	

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46	Formulation of Vermicelli Mixed Corn and Rice Flour with Additional Carrageenan and Its Economic Value. <b>2022,</b> 2022, 1-12	0
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36	The effect of alkali metals, carbocations, and metallocenes substitutes on two $\kappa$ -carrabiose disaccharide derivatives: a density functional study.	0
35	Structural peculiarities of carrageenans from Far Eastern red seaweed <i>Mazzaella parksii</i> (Gigartinales). <b>2022,</b>	0
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30	Effects of Carrageenan addition and chlorogenic acid covalent crosslinking on protein conformation and gelling properties of soy protein hydrogels. <b>2023</b> , 174, 114434	0
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22	Enhancing solid-like characteristics of porcine plasma protein-carrageenan-based high internal phase emulsion: As solid fat alternative of loading curcumin. <b>2023</b> , 139, 108528	0
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20	Biological activity of algal derived carrageenan: A comprehensive review in light of human health and disease. <b>2023</b> , 238, 124085	0
19	Green electrolyte host based on synthesized benzoyl kappa-carrageenan: Reduced hydrophilicity and improved conductivity. <b>2023</b> , 16, 104687	0
18	Marine polysaccharide-based hydrogels for critical materials selective removal and recovery: A review. <b>2023</b> , 482, 215054	0
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