

Miguel D Nosedá

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

3,532
citations

34
h-index

56
g-index

126
ext. papers

3,907
ext. citations

5.1
avg. IF

5.04
L-index

#	Paper	IF	Citations
118	Challenges and Recent Progress in Seaweed Polysaccharides for Industrial Purposes 2022 , 411-431		0
117	Synthesis and photophysical evaluation of meso-phenyl-1,4-dihydropyridine and pyridine-porphyrin hybrids. <i>Chemistry of Heterocyclic Compounds</i> , 2021 , 57, 1195-1203	1.4	1
116	A new porphyrin as selective substrate-based inhibitor of breast cancer resistance protein (BCRP/ABCG2). <i>Chemico-Biological Interactions</i> , 2021 , 351, 109718	5	2
115	Efficient use of biomass and extract of the microalga <i>Desmodesmus subspicatus</i> (Scenedesmales) in asymbiotic seed germination and seedling development of the orchid <i>Cattleya warneri</i> . <i>Journal of Applied Phycology</i> , 2021 , 33, 2189-2207	3.2	0
114	Rice vinasse treatment by immobilized <i>Synechococcus pevalekii</i> and its effect on <i>Dunaliella salina</i> cultivation. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 1477-1490	3.7	4
113	Lignin from oil palm empty fruit bunches: Characterization, biological activities and application in green synthesis of silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 1499-1507	7.9	5
112	Pentose-rich hydrolysate from oil palm empty fruit bunches for β -glucan production using <i>Pichia jadinii</i> and <i>Cyberlindnera jadinii</i> . <i>Bioresource Technology</i> , 2021 , 320, 124212	11	
111	Production of astaxanthin by <i>Haematococcus pluvialis</i> : Lab processes to scale up including the cost considerations 2021 , 121-130		3
110	Semi-synthesis of N-alkyl-kappa-carrageenan derivatives and evaluation of their antibacterial activity. <i>Carbohydrate Research</i> , 2021 , 499, 108234	2.9	2
109	Advances in microalgal cell wall polysaccharides: a review focused on structure, production, and biological application. <i>Critical Reviews in Biotechnology</i> , 2021 , 1-16	9.4	3
108	Extract Acts as Biostimulant and Modulates Metabolites and Hormone Balance in Basil (<i>L.</i>) and Parsley (<i>L.</i>). <i>Plants</i> , 2021 , 10,	4.5	4
107	Chemical structure of native and modified sulfated heterorhamnans from the green seaweed <i>Gayralia brasiliensis</i> and their cytotoxic effect on U87MG human glioma cells. <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 710-721	7.9	1
106	Synthesis of C6-amino agarose and evaluation of its antibacterial activity. <i>Carbohydrate Research</i> , 2021 , 507, 108387	2.9	0
105	Semi-synthesis of hybrid ulvan-kappa-carrabiose polysaccharides and evaluation of their cytotoxic and anticoagulant effects. <i>Carbohydrate Polymers</i> , 2021 , 267, 118161	10.3	2
104	Plant growth biostimulant activity of the green microalga <i>Desmodesmus subspicatus</i> . <i>Algal Research</i> , 2021 , 59, 102434	5	3
103	Characterization of polysaccharides from cystocarpic and tetrasporic stages of Sub-Antarctic <i>Iridaea cordata</i> . <i>Algal Research</i> , 2021 , 60, 102503	5	1
102	Marine Microalgae Biomolecules and Their Adhesion Capacity to <i>Salmonella enterica</i> sv. Typhimurium. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2239	2.6	2

101	Conformational analysis of ulvans from <i>Ulva fasciata</i> and their anticoagulant polycarboxylic derivatives. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 599-608	7.9	10
100	Production, characterization, and biological activity of a chitin-like EPS produced by <i>Mortierella alpina</i> under submerged fermentation. <i>Carbohydrate Polymers</i> , 2020 , 247, 116716	10.3	9
99	Non-Cytotoxic Sulfated Heterorhamnan from <i>Gayralia brasiliensis</i> Green Seaweed Reduces Driver Features of Melanoma Metastatic Progression. <i>Marine Biotechnology</i> , 2020 , 22, 194-206	3.4	5
98	Effects of different culture media on physiological features and laboratory scale production cost of. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020 , 27, e00508	5.3	10
97	Effect of microalgae <i>Messastrum gracile</i> and <i>Chlorella vulgaris</i> on the in vitro propagation of orchid <i>Cattleya labiata</i> . <i>Journal of Applied Phycology</i> , 2020 , 32, 4013-4027	3.2	2
96	Improved in vitro development of <i>Epidendrum secundum</i> (Orchidaceae) by using aqueous extract of the seaweed <i>Kappaphycus alvarezii</i> (Rhodophyta, Solieriaceae). <i>Acta Physiologiae Plantarum</i> , 2020 , 42, 1	2.6	2
95	1,4-Dihydropyridine/BF ₃ OEt ₂ for the reduction of imines: Influences of the amount of added BF ₃ OEt ₂ and the substitution at N-1 and C-4 of the dihydropyridine ring. <i>Tetrahedron Letters</i> , 2019 , 60, 151129	2	1
94	Media effects on laboratory scale production costs of <i>Haematococcus pluvialis</i> biomass. <i>Bioresource Technology Reports</i> , 2019 , 7, 100236	4.1	9
93	Chemical structure and snake antivenom properties of sulfated agarans obtained from <i>Laurencia dendroidea</i> (Ceramiales, Rhodophyta). <i>Carbohydrate Polymers</i> , 2019 , 218, 136-144	10.3	4
92	Effects of carboxyl group on the anticoagulant activity of oxidized carrageenans. <i>Carbohydrate Polymers</i> , 2019 , 214, 286-293	10.3	25
91	Biomass production and harvesting of <i>Desmodesmus subspicatus</i> cultivated in flat plate photobioreactor using chitosan as flocculant agent. <i>Journal of Applied Phycology</i> , 2019 , 31, 857-866	3.2	15
90	Modified soybean meal polysaccharide with high adhesion capacity to <i>Salmonella</i> . <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 1074-1084	7.9	4
89	Monitoring of Carrageenan depolymerization by capillary electrophoresis and semisynthesis of oligosaccharide alditols. <i>Carbohydrate Polymers</i> , 2019 , 208, 152-160	10.3	6
88	Optimization of culture conditions for kefiran production in whey: The structural and biocidal properties of the resulting polysaccharide. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018 , 16, 14-21	3.4	16
87	Effects of extracts and isolated molecules of two species of <i>Gracilaria</i> (Gracilariales, Rhodophyta) on early growth of lettuce. <i>Algal Research</i> , 2018 , 32, 142-149	5	7
86	A novel enzymatic method for the synthesis of methyl 6-O-acetyl-β-D-glucopyranoside using a fermented solid containing lipases produced by <i>Burkholderia contaminans</i> LTEB11. <i>Process Biochemistry</i> , 2018 , 73, 86-93	4.8	7
85	Modification of ulvans via periodate-chlorite oxidation: Chemical characterization and anticoagulant activity. <i>Carbohydrate Polymers</i> , 2018 , 197, 631-640	10.3	23
84	Potential Utilization of a Polysaccharide from the Marine Algae, as an Antivenom for Viperidae Snakebites. <i>Marine Drugs</i> , 2018 , 16,	6	2

83	Photodynamic effect of meso-(aryl)porphyrins and meso-(1-methyl-4-pyridinium)porphyrins on HaCaT keratinocytes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 156-161	2.9	19
82	Aqueous semisynthesis of -glycoside glycamines from agarose. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 1222-1229	2.5	4
81	Conversion of citric pectin into D-galacturonic acid with high substrate loading using a fermented solid with pectinolytic activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017 , 11, 214-219	4.2	7
80	Cecal Microbiota in Broilers Fed with Prebiotics. <i>Frontiers in Genetics</i> , 2017 , 8, 153	4.5	7
79	Protective Effect of the Sulfated Agarans Isolated from the Red Seaweed <i>Laurencia aldingensis</i> Against Toxic Effects of the Venom of the Snake, <i>Lachesis muta</i> . <i>Marine Biotechnology</i> , 2016 , 18, 619-629	3.4	8
78	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 706-715	6	30
77	In vitro photodynamic inactivation of conidia of the phytopathogenic fungus <i>Colletotrichum graminicola</i> with cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 673-81	4.2	14
76	Biological activities and thermal behavior of lignin from oil palm empty fruit bunches as potential source of chemicals of added value. <i>Industrial Crops and Products</i> , 2016 , 94, 630-637	5.9	33
75	Methylcellulose, a Cellulose Derivative with Original Physical Properties and Extended Applications. <i>Polymers</i> , 2015 , 7, 777-803	4.5	237
74	Ulvans induce resistance against plant pathogenic fungi independently of their sulfation degree. <i>Carbohydrate Polymers</i> , 2015 , 133, 384-90	10.3	28
73	Investigation of anti-inflammatory and anti-proliferative activities promoted by photoactivated cationic porphyrin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015 , 12, 444-58	3.5	9
72	Lignin preparation from oil palm empty fruit bunches by sequential acid/alkaline treatment--A biorefinery approach. <i>Bioresource Technology</i> , 2015 , 194, 172-8	11	64
71	Synthesis of pyridinium salts from N-substituted dihydropyridines with BF ₃ OEt ₂ in the absence of added oxidants. <i>Tetrahedron Letters</i> , 2015 , 56, 2001-2004	2	4
70	Acid heteropolysaccharides with potent antileishmanial effects. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 165-70	7.9	6
69	Sulfated heterorhamnans from the green seaweed <i>Gayralia oxysperma</i> : partial depolymerization, chemical structure and antitumor activity. <i>Carbohydrate Polymers</i> , 2015 , 117, 476-485	10.3	34
68	Sulfated Galactan from <i>Palisada flagellifera</i> Inhibits Toxic Effects of <i>Lachesis muta</i> Snake Venom. <i>Marine Drugs</i> , 2015 , 13, 3761-75	6	7
67	Influence of Molar Mass and Concentration on the Thermogelation of Methylcelluloses. <i>International Journal of Polymer Analysis and Characterization</i> , 2015 , 20, 110-118	1.7	10
66	Synthesis of porphyrin glycoconjugates bearing thiourea, thiocarbamate and carbamate connecting groups: Influence of the linker on chemical and photophysical properties. <i>Dyes and Pigments</i> , 2014 , 107, 69-80	4.6	15

65	Structure and anti-metapneumovirus activity of sulfated galactans from the red seaweed <i>Cryptonemia seminervis</i> . <i>Carbohydrate Polymers</i> , 2014 , 101, 313-23	10.3	26
64	Interfacial Properties of Methylcelluloses: The Influence of Molar Mass. <i>Polymers</i> , 2014 , 6, 2961-2973	4.5	19
63	Supramolecular assemblies of Al ³⁺ complexes with vitamin D3 (cholecalciferol) and phenothiazine. Encapsulation and complexation studies in β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 75, 137-145		2
62	NMR and rheological study of <i>Aloe barbadensis</i> partially acetylated glucomannan. <i>Carbohydrate Polymers</i> , 2013 , 94, 511-9	10.3	57
61	Synthesis of peracetylated C-1-deoxyalditol- and C-glycoside-dipyrranes via dithioacetal derivatives. <i>Tetrahedron Letters</i> , 2013 , 54, 1137-1140	2	5
60	Selective sulfation of carrageenans and the influence of sulfate regiochemistry on anticoagulant properties. <i>Carbohydrate Polymers</i> , 2013 , 91, 483-91	10.3	54
59	Chemical modifications of algal mannans and xylomannans: effects on antiviral activity. <i>Phytochemistry</i> , 2012 , 73, 57-64	4	19
58	Co-culture of microalgae, cyanobacteria, and macromycetes for exopolysaccharides production: process preliminary optimization and partial characterization. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 1092-106	3.2	40
57	Chemical structure of the complex pyruvylated and sulfated agaran from the red seaweed <i>Palisada flagellifera</i> (Ceramiiales, Rhodophyta). <i>Carbohydrate Research</i> , 2012 , 347, 83-94	2.9	39
56	Differential inhibition of dengue virus infection in mammalian and mosquito cells by iota-carrageenan. <i>Journal of General Virology</i> , 2011 , 92, 1332-1342	4.9	55
55	Production of agaro- and carra-oligosaccharides by partial acid hydrolysis of galactans. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 296-304	2	19
54	Phytase produced on citric byproducts: purification and characterization. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 267-274	4.4	15
53	Carbohydrate epitopes in glycoprotein from the opportunistic fungal pathogen <i>Scedosporium apiospermum</i> . <i>Carbohydrate Polymers</i> , 2011 , 85, 349-355	10.3	6
52	ED-(1->4), ED-(1->3) S-nixed linkage Sxylans from red seaweeds of the order Nemaliales and Palmariales. <i>Carbohydrate Research</i> , 2011 , 346, 1023-8	2.9	16
51	Synthesis of meso-tetraarylporphyrins using SeO ₂ as oxidant. <i>Tetrahedron Letters</i> , 2011 , 52, 1441-1443	2	12
50	Matrix-assisted laser desorption/ionization time-of-flight (MALDI-TOF) mass spectrometry analysis of oligosaccharides and oligosaccharide alditols obtained by hydrolysis of agaroses and carrageenans, two important types of red seaweed polysaccharides. <i>Carbohydrate Research</i> , 2010 , 345, 275-83	2.9	9
49	Brown algae overproduce cell wall polysaccharides as a protection mechanism against the heavy metal toxicity. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1482-8	6.7	71
48	ESI-MS differential fragmentation of positional isomers of sulfated oligosaccharides derived from carrageenans and agarans. <i>Journal of the American Society for Mass Spectrometry</i> , 2010 , 21, 1404-16	3.5	38

47	Carbohydrates present in the glycoprotein from conidia of the opportunistic pathogen <i>Scedosporium prolificans</i> . <i>Carbohydrate Polymers</i> , 2010 , 79, 927-932	10.3	8
46	Galactans from <i>Cryptonemia</i> species. Part II: studies on the system of galactans of <i>Cryptonemia seminervis</i> (Halymeniales) and on the structure of major fractions. <i>Carbohydrate Research</i> , 2009 , 344, 2364-74	2.9	18
45	Two galactomannan preparations from seeds from <i>Mimosa scabrella</i> (bracatinga): Complexation with oxovanadium(IV/V) and cytotoxicity on HeLa cells. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 749-757	4.7	21
44	Sulfated mannans from the red seaweed <i>Nemalion helminthoides</i> of the South Atlantic. <i>Phytochemistry</i> , 2009 , 70, 1062-8	4	37
43	Agar from <i>Gracilaria gracilis</i> (Gracilariales, Rhodophyta) of the Patagonic coast of Argentina--content, structure and physical properties. <i>Bioresource Technology</i> , 2009 , 100, 1435-41	11	50
42	Production of carbohydrate building blocks from red seaweed polysaccharides. Efficient conversion of galactans into C-glycosyl aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 576-88	3.9	18
41	Dihydropyridine C-glycoconjugates by organocatalytic Hantzsch cyclocondensation. Stereoselective synthesis of alpha-threofuranose C-nucleoside enantiomers. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 1980-6	3.9	34
40	Effects of sulfated polysaccharide and alcoholic extracts from green seaweed <i>Ulva fasciata</i> on anthracnose severity and growth of common bean (<i>Phaseolus vulgaris</i> L.). <i>Journal of Plant Diseases and Protection</i> , 2009 , 116, 263-270	1.5	77
39	Production and characterization of the exopolysaccharides produced by <i>Agaricus brasiliensis</i> in submerged fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 151, 283-94	3.2	30
38	First isolation and structural determination of cyclic beta-(1-->2)-glucans from an alga, <i>Chlorella pyrenoidosa</i> . <i>Carbohydrate Research</i> , 2008 , 343, 2623-33	2.9	39
37	Chemical structure and antiviral activity of the sulfated heterorhamnan isolated from the green seaweed <i>Gayralia oxysperma</i> . <i>Carbohydrate Research</i> , 2008 , 343, 3085-95	2.9	95
36	Semisynthesis of long-chain alkyl ether derivatives of sulfated oligosaccharides via dibutylstannylene acetal intermediates. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9896-904	4.2	12
35	Sulfated xylomannans isolated from red seaweeds <i>Chondrophycus papillosus</i> and <i>C. flagelliferus</i> (Cerariales) from Brazil. <i>Carbohydrate Research</i> , 2007 , 342, 2766-75	2.9	29
34	An algal-derived DL-galactan hybrid is an efficient preventing agent for in vitro dengue virus infection. <i>Planta Medica</i> , 2007 , 73, 1464-8	3.1	52
33	Low-molecular-mass carbohydrates and soluble polysaccharides of green and red morphs of <i>Gracilaria domingensis</i> (Gracilariales, Rhodophyta). <i>Botanica Marina</i> , 2007 , 50,	1.8	11
32	Semi-synthesis of a 3-O-sulfated red seaweed galactan-derived disaccharide alditol. <i>Carbohydrate Research</i> , 2006 , 341, 1753-7	2.9	9
31	Immunostimulatory polysaccharides from <i>Chlorella pyrenoidosa</i> . A new galactofuranan. measurement of molecular weight and molecular weight dispersion by DOSY NMR. <i>Biomacromolecules</i> , 2006 , 7, 2368-76	6.9	54
30	Chemical structure and antiviral activity of carrageenans from <i>Meristiella gelidium</i> against herpes simplex and dengue virus. <i>Carbohydrate Polymers</i> , 2006 , 63, 459-465	10.3	107

29	Effects of iota-carrageenan on the rheological properties of starches. <i>Carbohydrate Polymers</i> , 2006 , 65, 49-57	10.3	44
28	Complete ¹ H and ¹³ C NMR assignment of digeneaside, a low-molecular-mass carbohydrate produced by red seaweeds. <i>Carbohydrate Research</i> , 2006 , 341, 677-82	2.9	34
27	Positional isomers of sulfated oligosaccharides obtained from agarans and carrageenans: preparation and capillary electrophoresis separation. <i>Carbohydrate Research</i> , 2005 , 340, 2123-34	2.9	25
26	The antiviral activity of sulfated polysaccharides against dengue virus is dependent on virus serotype and host cell. <i>Antiviral Research</i> , 2005 , 66, 103-10	10.8	216
25	The system of galactans from <i>Cryptonemia crenulata</i> (Halymeniaceae, Halymeniales) and the structure of two major fractions. Kinetic studies on the alkaline cyclization of the unusual diad G2S-->D(L)6S. <i>Carbohydrate Research</i> , 2005 , 340, 711-22	2.9	22
24	Isolation, characterization and structural determination of a unique type of arabinogalactan from an immunostimulatory extract of <i>Chlorella pyrenoidosa</i> . <i>Carbohydrate Research</i> , 2005 , 340, 1489-98	2.9	53
23	Regioselective synthesis of long-chain ethers and their sulfates derived from methyl beta-D-galactopyranoside and derivatives via dibutylstannylene acetal intermediates. <i>Carbohydrate Research</i> , 2005 , 340, 2245-50	2.9	4
22	Protective effect of a natural carrageenan on genital herpes simplex virus infection in mice. <i>Antiviral Research</i> , 2004 , 64, 137-41	10.8	62
21	Complexation of vanadium(V) oxyanions with hexopyranose- and mannopyranoseuronic acid-containing polysaccharides: stereochemical considerations. <i>Carbohydrate Research</i> , 2004 , 339, 771-5	2.9	3
20	Alkali modification of carrageenans. Part V. The iota- ν hybrid carrageenan from and its cyclization to iota-carrageenan. <i>Carbohydrate Polymers</i> , 2004 , 58, 455-460	10.3	43
19	The structure of the agaran sulfate from <i>Acanthophora spicifera</i> (Rhodomelaceae, Ceramiales) and its antiviral activity. Relation between structure and antiviral activity in agarans. <i>Carbohydrate Research</i> , 2004 , 339, 335-47	2.9	88
18	Anti-herpes simplex virus activity of sulfated galactans from the red seaweeds <i>Gymnogongrus griffithsiae</i> and <i>Cryptonemia crenulata</i> . <i>International Journal of Biological Macromolecules</i> , 2004 , 34, 63-71	10.8	166
17	Ni(II) complexes with Schiff bases derived from amino sugars. <i>Carbohydrate Research</i> , 2003 , 338, 1535-42	2.9	37
16	Sulfated and pyruvylated disaccharide alditols obtained from a red seaweed galactan: ESIMS and NMR approaches. <i>Carbohydrate Research</i> , 2002 , 337, 2443-53	2.9	42
15	The structure of a galactan sulfate from the red seaweed <i>Bostrychia montagnei</i> . <i>Carbohydrate Research</i> , 2002 , 337, 1137-44	2.9	35
14	Structural studies on fucoidans from the brown seaweed <i>Sargassum stenophyllum</i> . <i>Carbohydrate Research</i> , 2001 , 333, 281-93	2.9	229
13	Inhibitory effect of sulfated galactans from the marine alga <i>Bostrychia montagnei</i> on herpes simplex virus replication in vitro. <i>Phytomedicine</i> , 2001 , 8, 53-8	6.5	89
12	Alkali modification of carrageenans. Part IV. Porphyrans as model compounds. <i>Carbohydrate Polymers</i> , 2000 , 42, 301-305	10.3	32

11	THE FIBRILLAR POLYSACCHARIDES AND THEIR LINKAGE TO ALGAENAN IN THE TRILAMINAR LAYER OF THE CELL WALL OF COELASTRUM SPHAERICUM (CHLOROPHYCEAE). <i>Journal of Phycology</i> , 1999 , 35, 1025-1031	3	10
10	Polysaccharides from the red seaweed <i>Bostrychia montagnei</i> : chemical characterization. <i>Journal of Applied Phycology</i> , 1999 , 11, 35-40	3.2	17
9	Polysaccharides from the red seaweed <i>Bostrychia montagnei</i> : chemical characterization 1999 , 549-554		
8	Selective polarity- and adsorption-guided extraction/purification of <i>Annona</i> sp. Polar acetogenins and biological assay against agricultural pests. <i>Applied Biochemistry and Biotechnology</i> , 1998 , 70-72, 67-78 ²		7
7	Antiherpetic and anticoagulant properties of carrageenans from the red seaweed <i>Gigartina skottsbergii</i> and their cyclized derivatives: correlation between structure and biological activity. <i>International Journal of Biological Macromolecules</i> , 1997 , 20, 97-105	7.9	168
6	Alkali modification of carrageenansII. The cyclization of model compounds containing nonsulfated D-galactose units. <i>Carbohydrate Polymers</i> , 1995 , 26, 1-3	10.3	17
5	Alkali-modification of carrageenans: mechanism and kinetics in the kappa/iota-, mu/nu- and lambda-series. <i>Carbohydrate Polymers</i> , 1993 , 20, 95-98	10.3	71
4	Room temperature, low-field ¹³ C-n.m.r. spectra of degraded carrageenans: Part III. Autohydrolysis of a lambda carrageenan and of its alkali-treated derivative. <i>International Journal of Biological Macromolecules</i> , 1993 , 15, 177-81	7.9	14
3	Methylation analysis of carrageenans from tetrasporic and cystocarpic stages of <i>Gigartina skottsbergii</i> . <i>Phytochemistry</i> , 1990 , 29, 3407-3410	4	27
2	Carrageenan systems from tetrasporic and cystocarpic stages of <i>Gigartina skottsbergii</i> . <i>Phytochemistry</i> , 1989 , 28, 2937-2941	4	48
1	Thermal stability and degradation of meso-tetraphenylporphyrins bearing nitrogen-containing substituents. <i>Journal of Thermal Analysis and Calorimetry</i> , 1	4.1	