

Miguel D Nosedá

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2741563/publications.pdf>

Version: 2024-02-01

122
papers

4,356
citations

101384

36
h-index

118652

62
g-index

126
all docs

126
docs citations

126
times ranked

4697
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylcellulose, a Cellulose Derivative with Original Physical Properties and Extended Applications. <i>Polymers</i> , 2015, 7, 777-803.	2.0	345
2	Structural studies on fucoidans from the brown seaweed <i>Sargassum stenophyllum</i> . <i>Carbohydrate Research</i> , 2001, 333, 281-293.	1.1	266
3	The antiviral activity of sulfated polysaccharides against dengue virus is dependent on virus serotype and host cell. <i>Antiviral Research</i> , 2005, 66, 103-110.	1.9	236
4	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.	3.6	199
5	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.	3.6	196
6	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.	5.1	123
7	Chemical structure and antiviral activity of the sulfated heterorhamnan isolated from the green seaweed <i>Gayralia oxysperma</i> . <i>Carbohydrate Research</i> , 2008, 343, 3085-3095.	1.1	107
8	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.	1.6	104
9	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, 53-58.	2.3	94
10	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, 335-347.	1.1	92
11	Brown algae overproduce cell wall polysaccharides as a protection mechanism against the heavy metal toxicity. <i>Marine Pollution Bulletin</i> , 2010, 60, 1482-1488.	2.3	92
12	Lignin preparation from oil palm empty fruit bunches by sequential acid/alkaline treatment – A biorefinery approach. <i>Bioresource Technology</i> , 2015, 194, 172-178.	4.8	82
13	Alkali-modification of carrageenans: mechanism and kinetics in the kappa/iota-, mu/nu- and lambda-series. <i>Carbohydrate Polymers</i> , 1993, 20, 95-98.	5.1	80
14	NMR and rheological study of <i>Aloe barbadensis</i> partially acetylated glucomannan. <i>Carbohydrate Polymers</i> , 2013, 94, 511-519.	5.1	79
15	Protective effect of a natural carrageenan on genital herpes simplex virus infection in mice. <i>Antiviral Research</i> , 2004, 64, 137-141.	1.9	74
16	Selective sulfation of carrageenans and the influence of sulfate regiochemistry on anticoagulant properties. <i>Carbohydrate Polymers</i> , 2013, 91, 483-491.	5.1	66
17	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, 1435-1441.	4.8	63
18	Differential inhibition of dengue virus infection in mammalian and mosquito cells by iota-carrageenan. <i>Journal of General Virology</i> , 2011, 92, 1332-1342.	1.3	63

#	ARTICLE	IF	CITATIONS
19	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, 1489-1498.	1.1	61
20	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, 2368-2376.	2.6	61
21	An Algal-Derived DL-Galactan Hybrid is an Efficient Preventing Agent for in vitro Dengue Virus Infection. <i>Planta Medica</i> , 2007, 73, 1464-1468.	0.7	54
22	Carrageenan systems from tetrasporic and cystocarpic stages of <i>Gigartina skottsbergii</i> . <i>Phytochemistry</i> , 1989, 28, 2937-2941.	1.4	52
23	Chemical structure of the complex pyruvylated and sulfated agaran from the red seaweed <i>Palisada flagellifera</i> (Ceramiales, Rhodophyta). <i>Carbohydrate Research</i> , 2012, 347, 83-94.	1.1	52
24	Sulfated and pyruvylated disaccharide alditols obtained from a red seaweed galactan: ESIMS and NMR approaches. <i>Carbohydrate Research</i> , 2002, 337, 2443-2453.	1.1	51
25	Co-Culture of Microalgae, Cyanobacteria, and Macromycetes for Exopolysaccharides Production: Process Preliminary Optimization and Partial Characterization. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1092-1106.	1.4	49
26	Alkali modification of carrageenans. Part V. The iota- κ hybrid carrageenan from and its cyclization to iota-carrageenan. <i>Carbohydrate Polymers</i> , 2004, 58, 455-460.	5.1	46
27	Effects of iota-carrageenan on the rheological properties of starches. <i>Carbohydrate Polymers</i> , 2006, 65, 49-57.	5.1	45
28	First isolation and structural determination of cyclic β - $(1\rightarrow 2)$ -glucans from an alga, <i>Chlorella pyrenoidosa</i> . <i>Carbohydrate Research</i> , 2008, 343, 2623-2633.	1.1	45
29	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.	2.5	45
30	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, 1404-1416.	1.2	44
31	Sulfated mannans from the red seaweed <i>Nemalion helminthoides</i> of the South Atlantic. <i>Phytochemistry</i> , 2009, 70, 1062-1068.	1.4	42
32	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.	5.1	42
33	Complete ^1H and ^{13}C NMR assignment of digeneaside, a low-molecular-mass carbohydrate produced by red seaweeds. <i>Carbohydrate Research</i> , 2006, 341, 677-682.	1.1	38
34	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 706-715.	2.5	38
35	Alkali modification of carrageenans. Part IV. Porphyrans as model compounds. <i>Carbohydrate Polymers</i> , 2000, 42, 301-305.	5.1	37
36	Ni(II) complexes with Schiff bases derived from amino sugars. <i>Carbohydrate Research</i> , 2003, 338, 1535-1542.	1.1	37

#	ARTICLE	IF	CITATIONS
37	Dihydropyridine C-glycoconjugates by organocatalytic Hantzsch cyclocondensation. Stereoselective synthesis of β -threofuranose C-nucleoside enantiomers. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1980.	1.5	37
38	Ulvans induce resistance against plant pathogenic fungi independently of their sulfation degree. <i>Carbohydrate Polymers</i> , 2015, 133, 384-390.	5.1	37
39	Effects of carboxyl group on the anticoagulant activity of oxidized carrageenans. <i>Carbohydrate Polymers</i> , 2019, 214, 286-293.	5.1	37
40	The structure of a galactan sulfate from the red seaweed <i>Bostrychia montagnei</i> . <i>Carbohydrate Research</i> , 2002, 337, 1137-1144.	1.1	36
41	Production and Characterization of the Exopolysaccharides Produced by <i>Agaricus brasiliensis</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 283-294.	1.4	35
42	Structure and anti-metapneumovirus activity of sulfated galactans from the red seaweed <i>Cryptonemia seminervis</i> . <i>Carbohydrate Polymers</i> , 2014, 101, 313-323.	5.1	34
43	Modification of ulvans via periodate-chlorite oxidation: Chemical characterization and anticoagulant activity. <i>Carbohydrate Polymers</i> , 2018, 197, 631-640.	5.1	32
44	Methylation analysis of carrageenans from tetrasporic and cystocarpic stages of <i>Gigartina skottsbergii</i> . <i>Phytochemistry</i> , 1990, 29, 3407-3410.	1.4	30
45	Sulfated xylomannans isolated from red seaweeds <i>Chondrophycus papillosus</i> and <i>C. flagelliferus</i> (Ceramiales) from Brazil. <i>Carbohydrate Research</i> , 2007, 342, 2766-2775.	1.1	30
46	Positional isomers of sulfated oligosaccharides obtained from agarans and carrageenans: preparation and capillary electrophoresis separation. <i>Carbohydrate Research</i> , 2005, 340, 2123-2134.	1.1	29
47	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 α 'D(L)6S. <i>Carbohydrate Research</i> , 2005, 340, 711-722.	1.1	27
48	β -d-(1 \rightarrow 4), β -d-(1 \rightarrow 3) α -mixed linkage TM xylans from red seaweeds of the order Nemaliales and Palmariales. <i>Carbohydrate Research</i> , 2011, 346, 1023-1028.	1.1	25
49	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.	1.0	25
50	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.	1.5	24
51	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.	1.5	24
52	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, 2364-2374.	1.1	23
53	Chemical modifications of algal mannans and xylomannans: Effects on antiviral activity. <i>Phytochemistry</i> , 2012, 73, 57-64.	1.4	23
54	Interfacial Properties of Methylcelluloses: The Influence of Molar Mass. <i>Polymers</i> , 2014, 6, 2961-2973.	2.0	23

#	ARTICLE	IF	CITATIONS
55	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.	1.5	22
56	Effects of different culture media on physiological features and laboratory scale production cost of <i>Dunaliella salina</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00508.	2.1	22
57	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, 576-588.	1.5	20
58	Production of agaro- and carra-oligosaccharides by partial acid hydrolysis of galactans. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 296-304.	0.6	20
59	Phytase produced on citric byproducts: purification and characterization. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 267-274.	1.7	20
60	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, 673-681.	1.6	19
61	Polysaccharides from the red seaweed <i>Bostrychia montagnei</i> : chemical characterization. <i>Journal of Applied Phycology</i> , 1999, 11, 35-40.	1.5	18
62	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.	2.0	18
63	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.	3.6	18
64	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.	3.6	18
65	Plant growth biostimulant activity of the green microalga <i>Desmodesmus subspicatus</i> . <i>Algal Research</i> , 2021, 59, 102434.	2.4	18
66	Alkali modification of carrageenans. II. The cyclization of model compounds containing nonsulfated 1,2-d-galactose units. <i>Carbohydrate Polymers</i> , 1995, 26, 1-3.	5.1	17
67	Low-molecular-mass carbohydrates and soluble polysaccharides of green and red morphs of <i>Gracilaria domingensis</i> (<i>Gracilariales</i> , <i>Rhodophyta</i>). <i>Botanica Marina</i> , 2007, 50, 314-317.	0.6	17
68	Influence of Molar Mass and Concentration on the Thermogelation of Methylcelluloses. <i>International Journal of Polymer Analysis and Characterization</i> , 2015, 20, 110-118.	0.9	15
69	Effects of extracts and isolated molecules of two species of <i>Gracilaria</i> (<i>Gracilariales</i> , <i>Rhodophyta</i>) on early growth of lettuce. <i>Algal Research</i> , 2018, 32, 142-149.	2.4	15
70	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, 177-181.	3.6	14
71	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, 275-283.	1.1	14
72	Semisynthesis of Long-Chain Alkyl Ether Derivatives of Sulfated Oligosaccharides via Dibutylstannylene Acetal Intermediates. <i>Journal of Organic Chemistry</i> , 2007, 72, 9896-9904.	1.7	13

#	ARTICLE	IF	CITATIONS
73	Synthesis of meso-tetraarylporphyrins using SeO ₂ as oxidant. <i>Tetrahedron Letters</i> , 2011, 52, 1441-1443.	0.7	13
74	Investigation of anti-inflammatory and anti-proliferative activities promoted by photoactivated cationic porphyrin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 444-458.	1.3	13
75	Media effects on laboratory scale production costs of <i>Haematococcus pluvialis</i> biomass. <i>Bioresource Technology Reports</i> , 2019, 7, 100236.	1.5	13
76	THE FIBRILLAR POLYSACCHARIDES AND THEIR LINKAGE TO ALGAENAN IN THE TRILAMINAR LAYER OF THE CELL WALL OF <i>COELASTRUM SPHAERICUM</i> (CHLOROPHYCEAE). <i>Journal of Phycology</i> , 1999, 35, 1025-1031.	1.0	12
77	<i>Ulva intestinalis</i> Extract Acts as Biostimulant and Modulates Metabolites and Hormone Balance in Basil (<i>Ocimum basilicum</i> L.) and Parsley (<i>Petroselinum crispum</i> L.). <i>Plants</i> , 2021, 10, 1391.	1.6	12
78	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.	5.1	11
79	Protective Effect of the Sulfated Agaran 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.	1.1	10
80	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.	1.5	10
81	Cecal Microbiota in Broilers Fed with Prebiotics. <i>Frontiers in Genetics</i> , 2017, 8, 153.	1.1	10
82	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.	1.1	10
83	Semi-synthesis of a 3-O-sulfated red seaweed galactan-derived disaccharide alditol. <i>Carbohydrate Research</i> , 2006, 341, 1753-1757.	1.1	9
84	Semi-synthesis of N-alkyl-kappa-carrageenan derivatives and evaluation of their antibacterial activity. <i>Carbohydrate Research</i> , 2021, 499, 108234.	1.1	9
85	Advances in microalgal cell wall polysaccharides: a review focused on structure, production, and biological application. <i>Critical Reviews in Biotechnology</i> , 2021, , 1-16.	5.1	9
86	Carbohydrates present in the glycoprotein from conidia of the opportunistic pathogen <i>Scedosporium prolificans</i> . <i>Carbohydrate Polymers</i> , 2010, 79, 927-932.	5.1	8
87	Sulfated Galactan from <i>Palisada flagellifera</i> Inhibits Toxic Effects of <i>Lachesis muta</i> Snake Venom. <i>Marine Drugs</i> , 2015, 13, 3761-3775.	2.2	8
88	Monitoring of $\hat{\text{I}}^{\text{e}}$ -carrageenan depolymerization by capillary electrophoresis and semisynthesis of oligosaccharide alditols. <i>Carbohydrate Polymers</i> , 2019, 208, 152-160.	5.1	8
89	Production of astaxanthin by <i>Haematococcus pluvialis</i> : Lab processes to scale up including the cost considerations. , 2021, , 121-130.		8
90	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.	1.7	8

#	ARTICLE	IF	CITATIONS
91	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, 67-76.	1.4	7
92	Carbohydrate epitopes in glycoprotein from the opportunistic fungal pathogen <i>Scedosporium apiospermum</i> . <i>Carbohydrate Polymers</i> , 2011, 85, 349-355.	5.1	7
93	Synthesis of peracetylated C-1-deoxyalditol- and C-glycoside-dipyrranes via dithioacetal derivatives. <i>Tetrahedron Letters</i> , 2013, 54, 1137-1140.	0.7	7
94	Acid heteropolysaccharides with potent antileishmanial effects. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 165-170.	3.6	7
95	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.	1.8	7
96	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.	5.1	7
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.	1.5	7
98	Regioselective synthesis of long-chain ethers and their sulfates derived from methyl β -D-galactopyranoside and derivatives via dibutylstannylene acetal intermediates. <i>Carbohydrate Research</i> , 2005, 340, 2245-2250.	1.1	6
99	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.	1.0	6
100	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.	0.7	5
101	Aqueous semisynthesis of C-glycoside glycamines from agarose. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1222-1229.	1.3	5
102	Potential Utilization of a Polysaccharide from the Marine Algae <i>Gayralia oxysperma</i> , as an Antivenom for Viperidae Snakebites. <i>Marine Drugs</i> , 2018, 16, 412.	2.2	5
103	Modified soybean meal polysaccharide with high adhesion capacity to <i>Salmonella</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1074-1084.	3.6	5
104	Efficient use of biomass and extract of the microalga <i>Desmodesmus subspicatus</i> (Scenedesmaceae) in asymbiotic seed germination and seedling development of the orchid <i>Cattleya warneri</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 2189-2207.	1.5	5
105	Characterization of polysaccharides from cystocarpic and tetrasporic stages of Sub-Antarctic <i>Liriodendron cordata</i> . <i>Algal Research</i> , 2021, 60, 102503.	2.4	5
106	Marine Microalgae Biomolecules and Their Adhesion Capacity to <i>Salmonella enterica</i> sv. Typhimurium. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2239.	1.3	4
107	Synthesis of C6-amino agarose and evaluation of its antibacterial activity. <i>Carbohydrate Research</i> , 2021, 507, 108387.	1.1	4
108	Semi-synthesis of hybrid ulvan-kappa-carrabiose polysaccharides and evaluation of their cytotoxic and anticoagulant effects. <i>Carbohydrate Polymers</i> , 2021, 267, 118161.	5.1	4

#	ARTICLE	IF	CITATIONS
109	A new porphyrin as selective substrate-based inhibitor of breast cancer resistance protein (BCRP/ABCG2). <i>Chemico-Biological Interactions</i> , 2022, 351, 109718.	1.7	4
110	Complexation of vanadium(V) oxyanions with hexopyranose- and mannopyranoseuronic acid-containing polysaccharides: stereochemical considerations. <i>Carbohydrate Research</i> , 2004, 339, 771-775.	1.1	3
111	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.	3.6	3
112	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.	1.6	2
113	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.	0.7	2
114	Elucidation of the electronic spectrum changes of KA-Al ³⁺ complex by potentiometric titration, FTIR, ¹³ C RMN and Quantum Mechanics. <i>Quimica Nova</i> , 0, , .	0.3	2
115	A comparative study of extraction techniques for maximum recovery of bioactive compounds from <i>Ganoderma lucidum</i> spores. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2020, 49, .	0.3	1
116	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.	4.8	1
117	Thermal stability and degradation of meso-tetraphenylporphyrins bearing nitrogen-containing substituents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 6755-6764.	2.0	1
118	Polysaccharides from the red seaweed <i>Bostrychia montagnei</i> : chemical characterization. , 1999, , 549-554.		1
119	Synthesis and photophysical evaluation of meso-phenyl-1,4-dihydropyridine and pyridine-porphyrin hybrids. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 1195-1203.	0.6	1
120	Obtaining Hexoses from Chitosan through Depolymerization with Nitrous Acid. <i>Current Organic Synthesis</i> , 2022, 19, 767-771.	0.7	1
121	Potential Utilization of a Sulfated Agaran Isolated from the Red Seaweed <i>Laurencia aldingensis</i> Against Toxic Effects of the Venom of the Snake, <i>Lachesis muta</i> . <i>Toxicon</i> , 2019, 168, S38.	0.8	0
122	CARACTERIZAÇÃO QUÍMICA E AVALIAÇÃO DA CITOTOXICIDADE DE UM HETEROPOLISSACARÍDEO ISOLADO DA BIOMASSA DO <i>Colletotrichum gloeosporioides</i> . <i>Quimica Nova</i> , 2019, , .	0.3	0