

Guilherme Lanzi Sassaki

List of Publications by Year in descending order

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217
papers

7,284
citations

50170

46
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219
all docs

219
docs citations

219
times ranked

8489
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the Use of Chitosan Contribute to Oxalate Kidney Stone Formation?. <i>Marine Drugs</i> , 2015, 13, 141-158.	2.2	670
2	Rapid synthesis of partially O-methylated alditol acetate standards for GC-MS: some relative activities of hydroxyl groups of methyl glycopyranosides on Purdie methylation. <i>Carbohydrate Research</i> , 2005, 340, 731-739.	1.1	224
3	Molecular and structural characterization of the biosurfactant produced by <i>Pseudomonas aeruginosa</i> DAUPE 614. <i>Chemistry and Physics of Lipids</i> , 2007, 147, 1-13.	1.5	141
4	An α -Glucan of <i>Pseudallescheria boydii</i> Is Involved in Fungal Phagocytosis and Toll-like Receptor Activation. <i>Journal of Biological Chemistry</i> , 2006, 281, 22614-22623.	1.6	127
5	HPLC/ESI-MS and NMR analysis of flavonoids and tannins in bioactive extract from leaves of <i>Maytenus ilicifolia</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 59-67.	1.4	106
6	Application of acetate derivatives for gas chromatography-mass spectrometry: Novel approaches on carbohydrates, lipids and amino acids analysis. <i>Journal of Chromatography A</i> , 2008, 1208, 215-222.	1.8	106
7	<i>Herbaspirillum seropedicae</i> <i>rfbB</i> and <i>rfbC</i> genes are required for maize colonization. <i>Environmental Microbiology</i> , 2010, 12, 2233-2244.	1.8	105
8	Structure and degree of polymerisation of fructooligosaccharides present in roots and leaves of <i>Stevia rebaudiana</i> (Bert.) Bertonii. <i>Food Chemistry</i> , 2011, 129, 305-311.	4.2	99
9	A β -glucan from the fruit bodies of edible mushrooms <i>Pleurotus eryngii</i> and <i>Pleurotus ostreatoroseus</i> . <i>Carbohydrate Polymers</i> , 2006, 66, 252-257.	5.1	95
10	Analysis of <i>Camellia sinensis</i> green and black teas via ultra high performance liquid chromatography assisted by liquid-liquid partition and two-dimensional liquid chromatography (size) <i>TJ ETQq0 0 0 rgBT /Overlock10 Tf 50 37 Td (exc</i>	1.4	93
11	Structural characterization of a polysaccharide and a β -glucan isolated from the edible mushroom <i>Flammulina velutipes</i> . <i>Phytochemistry</i> , 2006, 67, 2189-2196.	1.4	93
12	UPLC-PDA-MS evaluation of bioactive compounds from leaves of <i>Ilex paraguariensis</i> with different growth conditions, treatments and ageing. <i>Food Chemistry</i> , 2011, 129, 1453-1461.	4.2	92
13	A Polysaccharide from a Tea (Infusion) of <i>Maytenus ilicifolia</i> Leaves with Anti-ulcer Protective Effects. <i>Journal of Natural Products</i> , 2006, 69, 1018-1021.	1.5	91
14	Rheological and structural characteristics of peach tree gum exudate. <i>Food Hydrocolloids</i> , 2010, 24, 486-493.	5.6	90
15	Anticoagulant and antithrombotic activities of a chemically sulfated galactoglucomannan obtained from the lichen <i>Cladonia ibitipocae</i> . <i>International Journal of Biological Macromolecules</i> , 2005, 35, 97-102.	3.6	78
16	<i>Lactarius rufus</i> (1 \rightarrow 3),(1 \rightarrow 6)- β -D-glucans: Structure, antinociceptive and anti-inflammatory effects. <i>Carbohydrate Polymers</i> , 2013, 94, 129-136.	5.1	78
17	Anti-Inflammatory Properties of the Medicinal Mushroom <i>Cordyceps militaris</i> Might Be Related to Its Linear (1 \rightarrow 3)- β -D-Glucan. <i>PLoS ONE</i> , 2014, 9, e110266.	1.1	77
18	Comparison of structure of gum exudate polysaccharides from the trunk and fruit of the peach tree (<i>Prunus persica</i>). <i>Carbohydrate Polymers</i> , 2008, 71, 218-228.	5.1	70

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19	Toll-like receptors (TLR2 and TLR4) recognize polysaccharides of <i>Pseudallescheria boydii</i> cell wall. <i>Carbohydrate Research</i> , 2012, 356, 260-264.	1.1	69
20	Exopolysaccharides, proteins and lipids in <i>Pleurotus pulmonarius</i> submerged culture using different carbon sources. <i>Carbohydrate Polymers</i> , 2012, 87, 368-376.	5.1	67
21	Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian Brown Seaweed <i>Sargassum vulgare</i> . <i>Marine Drugs</i> , 2013, 11, 4628-4640.	2.2	67
22	Electrospinning of commercial guar-gum: Effects of purification and filtration. <i>Carbohydrate Polymers</i> , 2013, 93, 484-491.	5.1	66
23	Chemical structure and physical-chemical properties of mucilage from the leaves of <i>Pereskia aculeata</i> . <i>Food Hydrocolloids</i> , 2017, 70, 20-28.	5.6	66
24	Isolation and prebiotic activity of inulin-type fructan extracted from <i>Pfaffia glomerata</i> (Spreng) Pedersen roots. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 392-399.	3.6	64
25	Structural Characterization and Anti-HSV-1 and HSV-2 Activity of Glycolipids from the Marine Algae <i>Osmundaria obtusiloba</i> Isolated from Southeastern Brazilian Coast. <i>Marine Drugs</i> , 2012, 10, 918-931.	2.2	63
26	Exopolysaccharide produced by <i>Pleurotus sajor-caju</i> : Its chemical structure and anti-inflammatory activity. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 90-96.	3.6	63
27	Arabinan and arabinan-rich pectic polysaccharides from quinoa (<i>Chenopodium quinoa</i>) seeds: Structure and gastroprotective activity. <i>Food Chemistry</i> , 2012, 130, 937-944.	4.2	62
28	Flavonoid-rich fraction of <i>Maytenus ilicifolia</i> Mart. ex. Reiss protects the gastric mucosa of rodents through inhibition of both H ⁺ ,K ⁺ -ATPase activity and formation of nitric oxide. <i>Journal of Ethnopharmacology</i> , 2007, 113, 433-440.	2.0	60
29	Production of rhamnolipids in solid-state cultivation using a mixture of sugarcane bagasse and corn bran supplemented with glycerol and soybean oil. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1395-1403.	1.7	60
30	Chemical and biological properties of a highly branched β -D-glucan from edible mushroom <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2012, 90, 814-819.	5.1	59
31	Fucomannogalactan and glucan from mushroom <i>Amanita muscaria</i> : Structure and inflammatory pain inhibition. <i>Carbohydrate Polymers</i> , 2013, 98, 761-769.	5.1	59
32	Purification and characterization of a surfactin-like molecule produced by <i>Bacillus</i> sp. H2O-1 and its antagonistic effect against sulfate reducing bacteria. <i>BMC Microbiology</i> , 2012, 12, 252.	1.3	55
33	Isolation and chemical characterization of a glucogalactomannan of the medicinal mushroom <i>Cordyceps militaris</i> . <i>Carbohydrate Polymers</i> , 2013, 97, 74-80.	5.1	55
34	Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . <i>Phytochemistry</i> , 2013, 85, 137-142.	1.4	55
35	Heart-cutting two-dimensional (size exclusion—reversed phase) liquid chromatography—mass spectrometry analysis of flavonol glycosides from leaves of <i>Maytenus ilicifolia</i> . <i>Journal of Chromatography A</i> , 2009, 1216, 99-105.	1.8	54
36	Three exopolysaccharides of the β -D-(1 \rightarrow 6)-D-glucan type and a β -D-(1 \rightarrow 3;1 \rightarrow 6)-D-glucan produced by strains of <i>Botryosphaeria rhodina</i> isolated from rotting tropical fruit. <i>Carbohydrate Research</i> , 2008, 343, 2481-2485.	1.1	52

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37	Gastroprotective effect of a type I arabinogalactan from soybean meal. <i>Food Chemistry</i> , 2009, 115, 687-690.	4.2	52
38	Methylation-GC-MS analysis of arabinofuranose- and galactofuranose-containing structures: rapid synthesis of partially O-methylated alditol acetate standards. <i>Anais Da Academia Brasileira De Ciencias</i> , 2005, 77, 223-234.	0.3	51
39	Glyco- and sphingophosphonolipids from the medusa <i>Phyllorhiza punctata</i> : NMR and ESI-MS/MS fingerprints. <i>Chemistry and Physics of Lipids</i> , 2007, 145, 85-96.	1.5	51
40	Characterization of a heterogalactan: Some nutritional values of the edible mushroom <i>Flammulina velutipes</i> . <i>Food Chemistry</i> , 2008, 108, 329-333.	4.2	51
41	Sulfation of the extracellular polysaccharide produced by the edible mushroom <i>Pleurotus sajor-caju</i> alters its antioxidant, anticoagulant and antiproliferative properties in vitro. <i>Carbohydrate Polymers</i> , 2011, 85, 514-521.	5.1	48
42	GC-MS detection and quantification of lipopolysaccharides in polysaccharides through 3-O-acetyl fatty acid methyl esters. <i>Carbohydrate Polymers</i> , 2012, 87, 2730-2734.	5.1	48
43	Structural characterization of polysaccharides from Cabernet Franc, Cabernet Sauvignon and Sauvignon Blanc wines: Anti-inflammatory activity in LPS stimulated RAW 264.7 cells. <i>Carbohydrate Polymers</i> , 2018, 186, 91-99.	5.1	48
44	Sulfonoglycolipids from the lichenized basidiomycete <i>Dictyonema glabratum</i> : isolation, NMR, and ESI-MS approaches. <i>Glycobiology</i> , 2001, 11, 345-351.	1.3	47
45	Links between morphology and physiology of <i>Ganoderma lucidum</i> in submerged culture for the production of exopolysaccharide. <i>Journal of Biotechnology</i> , 2004, 114, 153-164.	1.9	47
46	Polysaccharide of nectarine gum exudate: Comparison with that of peach gum. <i>Carbohydrate Polymers</i> , 2009, 76, 485-487.	5.1	47
47	Structural characterization and anti-inflammatory activity of a linear β -D-glucan isolated from <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2014, 113, 588-596.	5.1	47
48	Structural Analysis of Fungal Cerebrosides. <i>Frontiers in Microbiology</i> , 2011, 2, 239.	1.5	46
49	Analysis of flavonol glycoside isomers from leaves of <i>Maytenus ilicifolia</i> by offline and online high performance liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1207, 101-109.	1.8	45
50	Human (α 6) and Avian (α 3) Sialylated Receptors of Influenza A Virus Show Distinct Conformations and Dynamics in Solution. <i>Biochemistry</i> , 2013, 52, 7217-7230.	1.2	45
51	Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008, 74, 274-278.	5.1	44
52	Effects of Purified <i>Saccharomyces cerevisiae</i> (β -1,3)- β -D-Glucan on Venous Ulcer Healing. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8142-8158.	1.8	44
53	Polysaccharides from green and black teas and their protective effect against murine sepsis. <i>Food Research International</i> , 2013, 53, 780-785.	2.9	44
54	PHB Biosynthesis Counteracts Redox Stress in <i>Herbaspirillum seropedicae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 472.	1.5	44

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55	Identification of a dicaffeoylquinic acid isomer from <i>Arctium lappa</i> with a potent anti-ulcer activity. <i>Talanta</i> , 2015, 135, 50-57.	2.9	43
56	Comparative studies of the polysaccharides isolated from lichenized fungi of the genus <i>Cladonia</i> : significance as chemotypes. <i>FEMS Microbiology Letters</i> , 2001, 194, 65-69.	0.7	42
57	Unusual partially 3-O-methylated β -galactan from mushrooms of the genus <i>Pleurotus</i> . <i>Phytochemistry</i> , 2008, 69, 252-257.	1.4	42
58	Influence of molecular weight of chemically sulfated citrus pectin fractions on their antithrombotic and bleeding effects. <i>Thrombosis and Haemostasis</i> , 2009, 101, 860-866.	1.8	42
59	Surface interactions of gold nanorods and polysaccharides: From clusters to individual nanoparticles. <i>Carbohydrate Polymers</i> , 2016, 152, 479-486.	5.1	42
60	Naringenin degradation by the endophytic diazotroph <i>Herbaspirillum seropedicae</i> SmR1. <i>Microbiology (United Kingdom)</i> , 2013, 159, 167-175.	0.7	41
61	Isolation and partial characterization of a pectic polysaccharide from the fruit pulp of <i>Spondias cytherea</i> and its effect on peritoneal macrophage activation. <i>Farmacoterapia</i> , 2005, 76, 676-683.	1.1	40
62	Antinociception of β -D-glucan from <i>Pleurotus pulmonarius</i> is possibly related to protein kinase C inhibition. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 872-877.	3.6	40
63	Polysaccharides from peach pulp: Structure and effects on mouse peritoneal macrophages. <i>Food Chemistry</i> , 2012, 134, 2257-2260.	4.2	40
64	A gel-forming β -D-glucan isolated from the fruit bodies of the edible mushroom <i>Pleurotus florida</i> . <i>Carbohydrate Research</i> , 2008, 343, 1456-1462.	1.1	39
65	High Molecular Weight Glucan of the Culinary Medicinal Mushroom <i>Agaricus bisporus</i> is an β -Glucan that Forms Complexes with Low Molecular Weight Galactan. <i>Molecules</i> , 2010, 15, 5818-5830.	1.7	39
66	Polysaccharides from <i>Arctium lappa</i> L.: Chemical structure and biological activity. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 954-960.	3.6	39
67	An arabinogalactan with anti-ulcer protective effects isolated from <i>Cereus peruvianus</i> . <i>Carbohydrate Polymers</i> , 2010, 82, 714-721.	5.1	38
68	TLR4 Recognizes <i>Pseudallescheria boydii</i> Conidia and Purified Rhamnomannans. <i>Journal of Biological Chemistry</i> , 2010, 285, 40714-40723.	1.6	38
69	Analysis of Flavonoids from <i>Eugenia uniflora</i> Leaves and Its Protective Effect against Murine Sepsis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	37
70	Chemical structure, antiproliferative and antioxidant activities of a cell wall β -D-mannan from yeast <i>Kluyveromyces marxianus</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 1298-1305.	5.1	37
71	Pustulan and branched β -galactofuranan from the phytopathogenic fungus <i>Guignardia citricarpa</i> , excreted from media containing glucose and sucrose. <i>Carbohydrate Polymers</i> , 2002, 48, 385-389.	5.1	35
72	A fungus-type β -D-galactofuranan in the cultivated <i>Trebouxia photobiont</i> of the lichen <i>Ramalina gracilis</i> . <i>FEMS Microbiology Letters</i> , 2005, 244, 193-198.	0.7	35

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73	A novel branched β -glucan isolated from the basidiocarps of the edible mushroom <i>Pleurotus florida</i> . <i>Carbohydrate Polymers</i> , 2008, 73, 309-314.	5.1	35
74	Structural characterization of the cell wall d-glucans isolated from the mycelium of <i>Botryosphaeria rhodina</i> MAMB-05. <i>Carbohydrate Research</i> , 2008, 343, 793-798.	1.1	35
75	Comprehensive analysis of matrine (<i>Ilex paraguariensis</i>) compounds: Development of chemical strategies for matesaponin analysis by mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7307-7315.	1.8	35
76	Fish oil alters T-lymphocyte proliferation and macrophage responses in Walker 256 tumor-bearing rats. <i>Nutrition</i> , 2006, 22, 425-432.	1.1	34
77	Corrosive extracellular polysaccharides of the rock-inhabiting model fungus <i>Knufia petricola</i> . <i>Extremophiles</i> , 2018, 22, 165-175.	0.9	34
78	Glycolipids from macroalgae: potential biomolecules for marine biotechnology?. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 244-247.	0.6	33
79	Sulfation pattern of citrus pectin and its carboxy-reduced derivatives: Influence on anticoagulant and antithrombotic effects. <i>Carbohydrate Polymers</i> , 2012, 89, 1081-1087.	5.1	33
80	Monosaccharide composition of glycans based on Q-HSQC NMR. <i>Carbohydrate Polymers</i> , 2014, 104, 34-41.	5.1	33
81	Glycoconjugates and polysaccharides from the <i>Scenedesporium</i> / <i>Pseudallescheria boydii</i> complex: structural characterisation, involvement in cell differentiation, cell recognition and virulence. <i>Mycoses</i> , 2011, 54, 28-36.	1.8	31
82	An unusual water-soluble β -glucan from the basidiocarp of the fungus <i>Ganoderma resinaceum</i> . <i>Carbohydrate Polymers</i> , 2008, 72, 473-478.	5.1	30
83	Rhamnogalacturonan from <i>Ilex paraguariensis</i> : A potential adjuvant in sepsis treatment. <i>Carbohydrate Polymers</i> , 2013, 92, 1776-1782.	5.1	30
84	Structural characterization of an acidic exoheteropolysaccharide produced by the nitrogen-fixing bacterium <i>Burkholderia tropica</i> . <i>Carbohydrate Polymers</i> , 2008, 73, 564-572.	5.1	29
85	Polygalacturonic acid: Another anti-ulcer polysaccharide from the medicinal plant <i>Maytenus ilicifolia</i> . <i>Carbohydrate Polymers</i> , 2009, 78, 361-363.	5.1	29
86	Yacon fructans (<i>Smallanthus sonchifolius</i>) extraction, characterization and activation of macrophages to phagocyte yeast cells. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 1074-1081.	3.6	29
87	Changes in the composition and structure of cell wall polysaccharides from <i>Artemisia annua</i> in response to salt stress. <i>Carbohydrate Research</i> , 2019, 483, 107753.	1.1	29
88	Structure of a heteroxylan of gum exudate of the palm <i>Scheelea phalerata</i> (uricuri). <i>Phytochemistry</i> , 2004, 65, 2347-2355.	1.4	28
89	Culture conditions for the production of an acidic exopolysaccharide by the nitrogen-fixing bacterium <i>Burkholderia tropica</i> . <i>Canadian Journal of Microbiology</i> , 2006, 52, 489-493.	0.8	28
90	Evaluation of Biochemical, Genetic and Hematological Biomarkers in a Commercial Catfish <i>Rhamdia quelen</i> Exposed to Diclofenac. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 49-54.	1.3	28

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91	Extraction, purification and structural characterization of a galactoglucomannan from the gabiroba fruit (<i>Campomanesia xanthocarpa</i> Berg), Myrtaceae family. <i>Carbohydrate Polymers</i> , 2017, 174, 887-895.	5.1	28
92	Nitric oxide-dependent vasorelaxation induced by extractive solutions and fractions of <i>Maytenus ilicifolia</i> Mart ex Reissek (Celastraceae) leaves. <i>Journal of Ethnopharmacology</i> , 2006, 104, 328-335.	2.0	27
93	Positive and negative tandem mass spectrometric fingerprints of lipids from the halophilic Archaea <i>Haloarcula marismortui</i> . <i>Journal of Lipid Research</i> , 2009, 50, 1363-1373.	2.0	27
94	Muscarinic-dependent inhibition of gastric emptying and intestinal motility by fractions of <i>Maytenus ilicifolia</i> Mart ex. Reissek. <i>Journal of Ethnopharmacology</i> , 2009, 123, 385-391.	2.0	27
95	Soil phosphorus compounds in integrated crop-livestock systems of subtropical Brazil. <i>Geoderma</i> , 2016, 274, 88-96.	2.3	27
96	Chemical characterization of heteropolysaccharides from green and black teas (<i>Camellia sinensis</i>) and their anti-ulcer effect. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 772-781.	3.6	27
97	Structural characterization of blackberry wine polysaccharides and immunomodulatory effects on LPS-activated RAW 264.7 macrophages. <i>Food Chemistry</i> , 2018, 257, 143-149.	4.2	27
98	Green Synthesis of Antileishmanial and Antifungal Silver Nanoparticles Using Corn Cob Xylan as a Reducing and Stabilizing Agent. <i>Biomolecules</i> , 2020, 10, 1235.	1.8	27
99	O-Glycosylation in Cell Wall Proteins in <i>Scedosporium prolificans</i> Is Critical for Phagocytosis and Inflammatory Cytokines Production by Macrophages. <i>PLoS ONE</i> , 2015, 10, e0123189.	1.1	26
100	Glucans of lichenized fungi: significance for taxonomy of the genera <i>Parmotrema</i> and <i>Rimelia</i> . <i>Phytochemistry</i> , 2005, 66, 929-934.	1.4	25
101	Antinociceptive Effects of (1 \rightarrow 3),(1 \rightarrow 6)-Linked β -2-Glucan Isolated From <i>Pleurotus pulmonarius</i> in Models of Acute and Neuropathic Pain in Mice: Evidence for a Role for Glutamatergic Receptors and Cytokine Pathways. <i>Journal of Pain</i> , 2010, 11, 965-971.	0.7	25
102	A New Approach for Heparin Standardization: Combination of Scanning UV Spectroscopy, Nuclear Magnetic Resonance and Principal Component Analysis. <i>PLoS ONE</i> , 2011, 6, e15970.	1.1	25
103	Structural characterization of exopolysaccharides from biofilm of a cariogenic streptococci. <i>Carbohydrate Polymers</i> , 2011, 84, 1215-1220.	5.1	25
104	Phytochemical analysis and anti-inflammatory evaluation of compounds from an aqueous extract of <i>Croton cajucara</i> Benth.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 821-830.	1.4	25
105	Galactomannans with novel structures from the lichen <i>Roccella decipiens</i> Darb. <i>Carbohydrate Research</i> , 2005, 340, 1699-1705.	1.1	24
106	First report on polysaccharides of <i>Asterochloris</i> and their potential role in the lichen symbiosis. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 193-197.	3.6	24
107	In vitro antiherpetic and antirotaviral activities of a sulfate prepared from <i>Mimosa scabrella</i> galactomannan. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 453-457.	3.6	24
108	Structural characterization of the uncommon polysaccharides obtained from <i>Peltigera canina</i> photobiont <i>Nostoc muscorum</i> . <i>Carbohydrate Polymers</i> , 2010, 81, 29-34.	5.1	23

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109	Pharmacological prospection and structural characterization of two purified sulfated and pyruvylated homogalactans from green algae <i>Codium isthmocladum</i> . <i>Carbohydrate Polymers</i> , 2019, 222, 115010.	5.1	23
110	Structural studies of an exopolysaccharide produced by <i>Gluconacetobacter diazotrophicus</i> Pal5. <i>Carbohydrate Polymers</i> , 2013, 98, 1153-1159.	5.1	22
111	Glucuronoarabinoxylan from coconut palm gum exudate: Chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014, 107, 65-71.	5.1	22
112	Carbohydrate, glycolipid, and lipid components from the photobiont (<i>Scytonema</i> sp.) of the lichen, <i>Dictyonema glabratum</i> . <i>Carbohydrate Research</i> , 2005, 340, 1808-1817.	1.1	21
113	Sevelamer reduces endothelial inflammatory response to advanced glycation end products. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 89-98.	1.4	21
114	Gallic Acid-Chitosan Conjugate Inhibits the Formation of Calcium Oxalate Crystals. <i>Molecules</i> , 2019, 24, 2074.	1.7	21
115	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019, 210, 245-253.	5.1	21
116	Glycosyldiacylglycerolipids from the Lichen <i>Dictyonema glabratum</i> . <i>Journal of Natural Products</i> , 1999, 62, 844-847.	1.5	20
117	Antitumor and anti-cachectic effects of shark liver oil and fish oil: comparison between independent or associative chronic supplementation in Walker 256 tumor-bearing rats. <i>Lipids in Health and Disease</i> , 2013, 12, 146.	1.2	20
118	Necroptosis mediates the antineoplastic effects of the soluble fraction of polysaccharide from red wine in Walker-256 tumor-bearing rats. <i>Carbohydrate Polymers</i> , 2017, 160, 123-133.	5.1	20
119	Viscera of fishes as raw material for extraction of glycosaminoglycans of pharmacological interest. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 239-248.	3.6	20
120	Gallic Acid-Laminarin Conjugate Is a Better Antioxidant than Sulfated or Carboxylated Laminarin. <i>Antioxidants</i> , 2020, 9, 1192.	2.2	20
121	An β -D-galactan and a β -D-glucan from the mushroom <i>Amanita muscaria</i> : Structural characterization and antitumor activity against melanoma. <i>Carbohydrate Polymers</i> , 2021, 274, 118647.	5.1	20
122	Chemotyping glucans from lichens of the genus <i>Cladonia</i> . <i>Phytochemistry</i> , 1999, 52, 1069-1074.	1.4	19
123	Fatty acid composition of lipids present in selected lichenized fungi: A chemotyping study. <i>Lipids</i> , 2001, 36, 167-175.	0.7	19
124	A (1 \rightarrow 6)-linked β -mannopyranan, pseudonigeran, and a (1 \rightarrow 4)-linked β -xylan, isolated from the lichenised basidiomycete <i>Dictyonema glabratum</i> . <i>FEMS Microbiology Letters</i> , 2002, 206, 175-178.	0.7	19
125	In vivo assessment of safety and mechanisms underlying in vitro relaxation induced by <i>Mikania laevigata</i> Schultz Bip. ex Baker in the rat trachea. <i>Journal of Ethnopharmacology</i> , 2007, 112, 430-439.	2.0	19
126	The opportunistic fungal pathogen <i>Scedosporium prolificans</i> : Carbohydrate epitopes of its glycoproteins. <i>International Journal of Biological Macromolecules</i> , 2008, 42, 93-102.	3.6	19

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