

Guilherme Lanzi Sassaki

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208
papers

5,646
citations

41
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218
ext. papers

6,405
ext. citations

6
avg, IF

5.46
L-index

#	Paper	IF	Citations
208	Does the use of chitosan contribute to oxalate kidney stone formation?. <i>Marine Drugs</i> , 2014 , 13, 141-58	6	333
207	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, 731-9	2.9	201
206	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	3.7	122
205	An alpha-glucan of <i>Pseudallescheria boydii</i> is involved in fungal phagocytosis and Toll-like receptor activation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22614-23	5.4	109
204	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, 215-22	4.5	97
203	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 exclusion reversed phase). <i>Journal of Chromatography A</i> , 2012 , 1222, 29-37	4.5	88
202	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	3.5	87
201	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, 1018-21	4.9	85
200	Structural characterization of a polysaccharide and a beta-glucan isolated from the edible mushroom <i>Flammulina velutipes</i> . <i>Phytochemistry</i> , 2006 , 67, 2189-96	4	83
199	A beta-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	10.3	82
198	<i>Herbaspirillum seropedicae</i> rfbB and rfbC genes are required for maize colonization. <i>Environmental Microbiology</i> , 2010 , 12, 2233-44	5.2	79
197	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	8.5	78
196	UPLC-PDAMMS 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	8.5	78
195	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	7.9	67
194	<i>Lactarius rufus</i> (1->3),(1->6)-D-glucans: structure, antinociceptive and anti-inflammatory effects. <i>Carbohydrate Polymers</i> , 2013 , 94, 129-36	10.3	66
193	Rheological and structural characteristics of peach tree gum exudate. <i>Food Hydrocolloids</i> , 2010 , 24, 486-493	10.3	66
192	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	10.3	61

191	Toll-like receptors (TLR2 and TLR4) recognize polysaccharides of <i>Pseudallescheria boydii</i> cell wall. <i>Carbohydrate Research</i> , 2012 , 356, 260-4	2.9	57
190	Anti-inflammatory properties of the medicinal mushroom <i>Cordyceps militaris</i> might be related to its linear (1->3)- β -D-glucan. <i>PLoS ONE</i> , 2014 , 9, e110266	3.7	56
189	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, 918-31	6	56
188	Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian brown seaweed <i>Sargassum vulgare</i> . <i>Marine Drugs</i> , 2013 , 11, 4628-40	6	55
187	Exopolysaccharides, proteins and lipids in <i>Pleurotus pulmonarius</i> submerged culture using different carbon sources. <i>Carbohydrate Polymers</i> , 2012 , 87, 368-376	10.3	54
186	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, 392-9	7.9	52
185	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	8.5	52
184	Electrospinning of commercial guar-gum: Effects of purification and filtration. <i>Carbohydrate Polymers</i> , 2013 , 93, 484-91	10.3	50
183	Chemical and biological properties of a highly branched β -glucan from edible mushroom <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2012 , 90, 814-9	10.3	50
182	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	1.4	50
181	Heart-cutting two-dimensional (size exclusion x 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	4.5	49
180	Exopolysaccharide produced by <i>Pleurotus sajor-caju</i> : its chemical structure and anti-inflammatory activity. <i>International Journal of Biological Macromolecules</i> , 2015 , 75, 90-6	7.9	48
179	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, 1395-403	5.7	48
178	Chemical structure and physical-chemical properties of mucilage from the leaves of <i>Pereskia aculeata</i> . <i>Food Hydrocolloids</i> , 2017 , 70, 20-28	10.6	47
177	Gastroprotective effect of a type I arabinogalactan from soybean meal. <i>Food Chemistry</i> , 2009 , 115, 687-699	6.9	47
176	Three exopolysaccharides of the beta-(1->6)-D-glucan type and a beta-(1->3;1->6)-D-glucan produced by strains of <i>Botryosphaeria rhodina</i> isolated from rotting tropical fruit. <i>Carbohydrate Research</i> , 2008 , 343, 2481-5	2.9	47
175	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, 433-40	5	47
174	Fucomannogalactan and glucan from mushroom <i>Amanita muscaria</i> : structure and inflammatory pain inhibition. <i>Carbohydrate Polymers</i> , 2013 , 98, 761-9	10.3	45

173	Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . <i>Phytochemistry</i> , 2013 , 85, 137-42	4	45
172	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	3-7	43
171	Characterization of a heterogalactan: Some nutritional values of the edible mushroom <i>Flammulina velutipes</i> . <i>Food Chemistry</i> , 2008 , 108, 329-333	8.5	43
170	Sulfonoglycolipids from the lichenized basidiomycete <i>Dictyonema glabratum</i> : isolation, NMR, and ESI-MS approaches. <i>Glycobiology</i> , 2001 , 11, 345-51	5.8	43
169	Isolation and chemical characterization of a glucogalactomannan of the medicinal mushroom <i>Cordyceps militaris</i> . <i>Carbohydrate Polymers</i> , 2013 , 97, 74-80	10.3	42
168	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	4.5	41
167	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, 153-64	3-7	41
166	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, 101-9	4.5	40
165	Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008 , 74, 274-278	10.3	40
164	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	10.3	38
163	Unusual partially 3-O-methylated alpha-galactan from mushrooms of the genus <i>Pleurotus</i> . <i>Phytochemistry</i> , 2008 , 69, 252-7	4	38
162	Structural characterization and anti-inflammatory activity of a linear D-glucan isolated from <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2014 , 113, 588-96	10.3	37
161	GCMS detection and quantification of lipopolysaccharides in polysaccharides through 3-O-acetyl fatty acid methyl esters. <i>Carbohydrate Polymers</i> , 2012 , 87, 2730-2734	10.3	37
160	Structural analysis of fungal cerebrosides. <i>Frontiers in Microbiology</i> , 2011 , 2, 239	5.7	37
159	Isolation and partial characterization of a pectic polysaccharide from the fruit pulp of <i>Spondias cytharea</i> and its effect on peritoneal macrophage activation. <i>Fitoterapia</i> , 2005 , 76, 676-83	3.2	37
158	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, 65-9	2.9	37
157	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	7	36
156	PHB Biosynthesis Counteracts Redox Stress in. <i>Frontiers in Microbiology</i> , 2018 , 9, 472	5.7	35

155	Polysaccharides from green and black teas and their protective effect against murine sepsis. <i>Food Research International</i> , 2013 , 53, 780-785	7	35
154	Identification of a dicaffeoylquinic acid isomer from <i>Arctium lappa</i> with a potent anti-ulcer activity. <i>Talanta</i> , 2015 , 135, 50-7	6.2	35
153	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, 872-7	7.9	35
152	Polysaccharide of nectarine gum exudate: Comparison with that of peach gum. <i>Carbohydrate Polymers</i> , 2009 , 76, 485-487	10.3	35
151	Effects of purified <i>Saccharomyces cerevisiae</i> (1 \rightarrow 3)- β -glucan on venous ulcer healing. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8142-58	6.3	35
150	A gel-forming beta-glucan isolated from the fruit bodies of the edible mushroom <i>Pleurotus florida</i> . <i>Carbohydrate Research</i> , 2008 , 343, 1456-62	2.9	34
149	Fish oil alters T-lymphocyte proliferation and macrophage responses in Walker 256 tumor-bearing rats. <i>Nutrition</i> , 2006 , 22, 425-32	4.8	34
148	Polysaccharides from peach pulp: structure and effects on mouse peritoneal macrophages. <i>Food Chemistry</i> , 2012 , 134, 2257-60	8.5	33
147	An arabinogalactan with anti-ulcer protective effects isolated from <i>Cereus peruvianus</i> . <i>Carbohydrate Polymers</i> , 2010 , 82, 714-721	10.3	33
146	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	10.3	33
145	Comprehensive analysis of matricin (<i>Ilex paraguariensis</i>) compounds: development of chemical strategies for matesaponin analysis by mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 7307-15	4.5	31
144	High molecular weight glucan of the culinary medicinal mushroom <i>Agaricus bisporus</i> is an alpha-glucan that forms complexes with low molecular weight galactan. <i>Molecules</i> , 2010 , 15, 5818-30	4.8	31
143	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, 793-8	2.9	31
142	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	10.3	30
141	Human (α - \rightarrow 6) and avian (α - \rightarrow 3) sialylated receptors of influenza A virus show distinct conformations and dynamics in solution. <i>Biochemistry</i> , 2013 , 52, 7217-7230	3.2	30
140	Sulfation pattern of citrus pectin and its carboxy-reduced derivatives: influence on anticoagulant and antithrombotic effects. <i>Carbohydrate Polymers</i> , 2012 , 89, 1081-7	10.3	30
139	TLR4 recognizes <i>Pseudallescheria boydii</i> conidia and purified rhamnomannans. <i>Journal of Biological Chemistry</i> , 2010 , 285, 40714-23	5.4	30
138	A fungus-type beta-galactofuranan in the cultivated <i>Trebouxia</i> photobiont of the lichen <i>Ramalina gracilis</i> . <i>FEMS Microbiology Letters</i> , 2005 , 244, 193-8	2.9	30

137	Surface interactions of gold nanorods and polysaccharides: From clusters to individual nanoparticles. <i>Carbohydrate Polymers</i> , 2016 , 152, 479-486	10.3	30
136	Naringenin degradation by the endophytic diazotroph <i>Herbaspirillum seropedicae</i> SmR1. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 167-175	2.9	29
135	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	10.3	29
134	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, 623940	2.3	28
133	Polysaccharides from <i>Arctium lappa</i> L.: Chemical structure and biological activity. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 954-60	7.9	27
132	Rhamnogalacturonan from <i>Ilex paraguariensis</i> : a potential adjuvant in sepsis treatment. <i>Carbohydrate Polymers</i> , 2013 , 92, 1776-82	10.3	27
131	Glycolipids from macroalgae: potential biomolecules for marine biotechnology?. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 244-247	2	27
130	Glycoconjugates and polysaccharides from the <i>Scedosporium/Pseudallescheria boydii</i> complex: structural characterisation, involvement in cell differentiation, cell recognition and virulence. <i>Mycoses</i> , 2011 , 54 Suppl 3, 28-36	5.2	27
129	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, 328-35	5	27
128	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	2.7	26
127	Monosaccharide composition of glycans based on Q-HSQC NMR. <i>Carbohydrate Polymers</i> , 2014 , 104, 34-41	10.3	26
126	Structural characterization of an acidic exoheteropolysaccharide produced by the nitrogen-fixing bacterium <i>Burkholderia tropica</i> . <i>Carbohydrate Polymers</i> , 2008 , 73, 564-72	10.3	26
125	Polygalacturonic acid: Another anti-ulcer polysaccharide from the medicinal plant <i>Maytenus ilicifolia</i> . <i>Carbohydrate Polymers</i> , 2009 , 78, 361-363	10.3	24
124	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, 385-91	5	24
123	Structure of a heteroxylan of gum exudate of the palm <i>Scheelea phalerata</i> (uricuri). <i>Phytochemistry</i> , 2004 , 65, 2347-55	4	24
122	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	3.7	23
121	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, 453-7	7.9	23
120	Antinociceptive effects of (1->3),(1->6)-linked β -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, 965-71	5.2	22

119	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, 1363-73	6.3	22
118	Structural characterization of exopolysaccharides from biofilm of a cariogenic streptococci. <i>Carbohydrate Polymers</i> , 2011 , 84, 1215-1220	10.3	22
117	Chemical structure, antiproliferative and antioxidant activities of a cell wall β -mannan from yeast <i>Kluyveromyces marxianus</i> . <i>Carbohydrate Polymers</i> , 2017 , 157, 1298-1305	10.3	21
116	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, 489-93	3.2	21
115	Glucans of lichenized fungi: significance for taxonomy of the genera <i>Parmotrema</i> and <i>Rimelia</i> . <i>Phytochemistry</i> , 2005 , 66, 929-34	4	21
114	Corrosive extracellular polysaccharides of the rock-inhabiting model fungus <i>Knufia petricola</i> . <i>Extremophiles</i> , 2018 , 22, 165-175	3	20
113	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, 772-81	7.9	20
112	Structural studies of an exopolysaccharide produced by <i>Gluconacetobacter diazotrophicus</i> Pal5. <i>Carbohydrate Polymers</i> , 2013 , 98, 1153-9	10.3	20
111	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, 193-7	7.9	20
110	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, 1808-17	2.9	20
109	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	3.7	20
108	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	7.9	20
107	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	10.3	19
106	An unusual water-soluble β -glucan from the basidiocarp of the fungus <i>Ganoderma resinaceum</i> . <i>Carbohydrate Polymers</i> , 2008 , 72, 473-478	10.3	19
105	A (1 \rightarrow 6)-linked beta-mannopyranan, pseudonigeran, and a (1 \rightarrow 4)-linked beta-xylan, isolated from the lichenised basidiomycete <i>Dictyonema glabratum</i> . <i>FEMS Microbiology Letters</i> , 2002 , 206, 175-8	2.9	19
104	Chemotyping glucans from lichens of the genus <i>Cladonia</i> . <i>Phytochemistry</i> , 1999 , 52, 1069-1074	4	19
103	Glycosyldiacylglycerolipids from the lichen <i>Dictyonema glabratum</i> . <i>Journal of Natural Products</i> , 1999 , 62, 844-7	4.9	19
102	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	4.4	18

101	The opportunistic fungal pathogen <i>Scedosporium prolificans</i> : carbohydrate epitopes of its glycoproteins. <i>International Journal of Biological Macromolecules</i> , 2008 , 42, 93-102	7.9	18
100	Structure of a highly substituted beta-xylan of the gum exudate of the palm <i>Livistona chinensis</i> (Chinese fan). <i>Carbohydrate Research</i> , 2003 , 338, 1843-50	2.9	18
99	Galactomannans with novel structures from the lichen <i>Rocella decipiens</i> Darb. <i>Carbohydrate Research</i> , 2005 , 340, 1699-705	2.9	18
98	Sevelamer reduces endothelial inflammatory response to advanced glycation end products. <i>CKJ: Clinical Kidney Journal</i> , 2018 , 11, 89-98	4.5	17
97	Glucuronoarabinoxylan from coconut palm gum exudate: chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014 , 107, 65-71	10.3	17
96	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	3.5	17
95	Soil phosphorus compounds in integrated crop-livestock systems of subtropical Brazil. <i>Geoderma</i> , 2016 , 274, 88-96	6.7	17
94	Structural characterization of blackberry wine polysaccharides and immunomodulatory effects on LPS-activated RAW 264.7 macrophages. <i>Food Chemistry</i> , 2018 , 257, 143-149	8.5	16
93	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	10.3	16
92	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, 430-9	5	16
91	Fatty acid composition of lipids present in selected lichenized fungi: a chemotyping study. <i>Lipids</i> , 2001 , 36, 167-74	1.6	16
90	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	10.3	15
89	Differentiation of flavonol glucoside and galactoside isomers combining chemical isopropylidation with liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016 , 1447, 64-71	4.5	15
88	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	2.9	15
87	A robust method to quantify low molecular weight contaminants in heparin: detection of tris(2-n-butoxyethyl) phosphate. <i>Analyst, The</i> , 2011 , 136, 2330-8	5	15
86	The origin of mannans found in submerged culture of basidiomycetes. <i>Carbohydrate Polymers</i> , 2010 , 79, 1052-1056	10.3	15
85	NMR metabolic fingerprints of murine melanocyte and melanoma cell lines: application to biomarker discovery. <i>Scientific Reports</i> , 2017 , 7, 42324	4.9	14
84	Anticoagulant and antithrombotic effects of chemically sulfated fucogalactan and citrus pectin. <i>Carbohydrate Polymers</i> , 2017 , 174, 731-739	10.3	14

83	Chemical composition of lipopolysaccharides isolated from various endophytic nitrogen-fixing bacteria of the genus <i>Herbaspirillum</i> . <i>Canadian Journal of Microbiology</i> , 2010 , 56, 342-7	3.2	14
82	Fatty acid composition of the tropical lichen <i>Teloschistes flavicans</i> and its cultivated symbionts. <i>FEMS Microbiology Letters</i> , 2005 , 247, 1-6	2.9	14
81	Viscera of fishes as raw material for extraction of glycosaminoglycans of pharmacological interest. <i>International Journal of Biological Macromolecules</i> , 2019 , 121, 239-248	7.9	14
80	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019 , 210, 245-253	10.3	13
79	Structural characterization of a glucuronoarabinoxylan from pineapple (<i>Ananas comosus</i> (L.) Merrill) gum exudate. <i>Carbohydrate Polymers</i> , 2013 , 94, 704-11	10.3	13
78	Chemical structure and selected biological properties of a glucomannan from the lichenized fungus <i>Heterodermia obscurata</i> . <i>Phytochemistry</i> , 2010 , 71, 2132-9	4	13
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