

Guilherme Lanzi Sassaki

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.

208
papers

5,646
citations

41
h-index

61
g-index

218
ext. papers

6,405
ext. citations

6
avg, IF

5.46
L-index

#	Paper	IF	Citations
208	Comparative metabolomic study of high-flux hemodialysis and high volume online hemodiafiltration in the removal of uremic toxins using ¹ H NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 208, 114460	3.5	
207	Liquid-liquid equilibrium of systems containing acylglycerols from olive oil, glycerol and isopropanol. <i>Journal of Chemical Thermodynamics</i> , 2022 , 165, 106666	2.9	0
206	Ilex paraguariensis extract as an alternative to pain medications. <i>Acta Pharmaceutica</i> , 2021 , 71, 383-398	3.2	2
205	Effects of Euphorbia umbellata extracts on complement activation and chemotaxis of neutrophils. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113348	5	3
204	Degradation of Organophosphates Promoted by 1,2,4-Triazole Anion: Exploring Scaffolds for Efficient Catalytic Systems. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4027-4034	4.2	2
203	The prospects for cryopreservation of noctuid eggs in the mass production of Trichogramma spp.. <i>BioControl</i> , 2021 , 66, 753	2.3	
202	Naturally methylated mannogalactans from the edible mushrooms Pholiota nameko and Pleurotus eryngii. <i>Journal of Food Composition and Analysis</i> , 2021 , 102, 103985	4.1	0
201	An β -D-galactan and a β -D-glucan from the mushroom Amanita muscaria: Structural characterization and antitumor activity against melanoma. <i>Carbohydrate Polymers</i> , 2021 , 274, 118647	10.3	1
200	Immunostimulatory Effect of Sulfated Galactans from the Green Seaweed var.. <i>Marine Drugs</i> , 2020 , 18,	6	6
199	3-Hydroxybutyrate Derived from Poly-3-Hydroxybutyrate Mobilization Alleviates Protein Aggregation in Heat-Stressed <i>Herbaspirillum seropedicae</i> SmR1. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	6
198	Glycoglycerolipids From <i>Sargassum vulgare</i> as Potential Antifouling Agents. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	7
197	<i>Prosopis juliflora</i> as a new cosmetic ingredient: Development and clinical evaluation of a bioactive moisturizing and anti-aging innovative solid core. <i>Carbohydrate Polymers</i> , 2020 , 233, 115854	10.3	4
196	Effect of adding galactomannans on some physical and chemical properties of hyaluronic acid. <i>International Journal of Biological Macromolecules</i> , 2020 , 144, 527-535	7.9	6
195	Addition of grape pomace in the hydration step of parboiling increases the antioxidant properties of rice. <i>International Journal of Food Science and Technology</i> , 2020 , 55, 2370-2380	3.8	7
194	Enriched Terpenes Fractions of the Latex of <i>Euphorbia umbellata</i> Promote Apoptosis in Leukemic Cells. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000369	2.5	2
193	Gallic Acid-Laminarin Conjugate Is a Better Antioxidant than Sulfated or Carboxylated Laminarin. <i>Antioxidants</i> , 2020 , 9,	7.1	5
192	Green Synthesis of Antileishmanial and Antifungal Silver Nanoparticles Using Corn Cob Xylan as a Reducing and Stabilizing Agent. <i>Biomolecules</i> , 2020 , 10,	5.9	11

191	Crude Heparin Preparations Unveil the Presence of Structurally Diverse Oversulfated Contaminants. <i>Molecules</i> , 2019 , 24,	4.8	3
190	Gallic Acid-Chitosan Conjugate Inhibits the Formation of Calcium Oxalate Crystals. <i>Molecules</i> , 2019 , 24,	4.8	12
189	Genome sequencing of Burkholderia contaminans LTEB11 reveals a lipolytic arsenal of biotechnological interest. <i>Brazilian Journal of Microbiology</i> , 2019 , 50, 619-624	2.2	0
188	Impact of Polylactide Fluorinated End-Group Lengths and Their Dynamics on Perfluorohexane Microcapsule Morphology. <i>Macromolecules</i> , 2019 , 52, 2589-2596	5.5	2
187	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019 , 210, 245-253	10.3	13
186	Changes in the composition and structure of cell wall polysaccharides from Artemisia annua in response to salt stress. <i>Carbohydrate Research</i> , 2019 , 483, 107753	2.9	15
185	Pharmacological prospection and structural characterization of two purified sulfated and pyruvylated homogalactans from green algae Codium isthmocladum. <i>Carbohydrate Polymers</i> , 2019 , 222, 115010	10.3	12
184	Gallic Acid-Dextran Conjugate: Green Synthesis of a Novel Antioxidant Molecule. <i>Antioxidants</i> , 2019 , 8,	7.1	7
183	Cabernet Sauvignon wine polysaccharides attenuate sepsis inflammation and lethality in mice. <i>Carbohydrate Polymers</i> , 2019 , 210, 254-263	10.3	5
182	Fatty acid biosynthesis is enhanced in Escherichia coli strains with deletion in genes encoding the PII signaling proteins. <i>Archives of Microbiology</i> , 2019 , 201, 209-214	3	4
181	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
180	Oxidation of 1-N2-etheno-2'-deoxyguanosine by singlet molecular oxygen results in 2'-deoxyguanosine: a pathway to remove exocyclic DNA damage?. <i>Biological Chemistry</i> , 2018 , 399, 859-867	4.5	2
179	Assessment of liquid-liquid phase separation in the composition and oxidation stability of partially hydrolyzed olive oil. <i>Journal of Food Engineering</i> , 2018 , 233, 1-8	6	2
178	Sevelamer reduces endothelial inflammatory response to advanced glycation end products. <i>CKJ: Clinical Kidney Journal</i> , 2018 , 11, 89-98	4.5	17
177	Corrosive extracellular polysaccharides of the rock-inhabiting model fungus Knufia petricola. <i>Extremophiles</i> , 2018 , 22, 165-175	3	20
176	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
175	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
174	A peptidogalactomannan isolated from Cladosporium herbarum induces defense-related genes in BY-2 tobacco cells. <i>Plant Physiology and Biochemistry</i> , 2018 , 126, 206-216	5.4	7

173	PHB Biosynthesis Counteracts Redox Stress in. <i>Frontiers in Microbiology</i> , 2018 , 9, 472	5.7	35
172	Correlation Between Chemical Composition of Tropical Hardwoods and Wood Treatment Compatibility. <i>Journal of Wood Chemistry and Technology</i> , 2018 , 38, 28-34	2	5
171	2,3-Di-O-sulfo glucuronic acid: An unmodified and unusual residue in a highly sulfated chondroitin sulfate from <i>Litopenaeus vannamei</i> . <i>Carbohydrate Polymers</i> , 2018 , 183, 192-200	10.3	13
170	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
169	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
168	Sulfation of fucogalactan from <i>Agaricus bisporus</i> : Different patterns in the chemical structure and their effects on anticoagulant activity. <i>International Journal of Biological Macromolecules</i> , 2017 , 97, 357-364	7.9	6
167	Functional and Evolutionary Characterization of a UDP-Xylose Synthase Gene from the Plant Pathogen <i>Xylella fastidiosa</i> , Involved in the Synthesis of Bacterial Lipopolysaccharide. <i>Biochemistry</i> , 2017 , 56, 779-792	3.2	
166	NMR metabolic fingerprints of murine melanocyte and melanoma cell lines: application to biomarker discovery. <i>Scientific Reports</i> , 2017 , 7, 42324	4.9	14
165	Role of Organic Anion Transporters in the Uptake of Protein-Bound Uremic Toxins by Human Endothelial Cells and Monocyte Chemoattractant Protein-1 Expression. <i>Journal of Vascular Research</i> , 2017 , 54, 170-179	1.9	11
164	Experimental study and kinetic modeling of waste frying soybean oil hydrolysis in subcritical water. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017 , 121, 439-452	1.6	4
163	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
162	Structural analysis of a sulfated galactan from the tunic of the ascidian <i>Microcosmus exasperatus</i> and its inhibitory effect of the intrinsic coagulation pathway. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 1391-1400	7.9	7
161	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
160	Extraction, purification and structural characterization of a galactoglucomannan from the gabioba fruit (<i>Campomanesia xanthocarpa</i> Berg), Myrtaceae family. <i>Carbohydrate Polymers</i> , 2017 , 174, 887-895	10.3	16
159	Anticoagulant and antithrombotic effects of chemically sulfated fucogalactan and citrus pectin. <i>Carbohydrate Polymers</i> , 2017 , 174, 731-739	10.3	14
158	Extraction, characterization and biological activity of a (1,3)(1,6)- β -D-glucan from the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Carbohydrate Polymers</i> , 2017 , 157, 719-727	10.3	11
157	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	10.3	21
156	Biological and structural analyses of bovine heparin fractions of intermediate and high molecular weight. <i>Carbohydrate Polymers</i> , 2017 , 157, 72-78	10.3	4

155	Gastroprotective effect and chemical characterization of a polysaccharide fraction from leaves of <i>Croton cajucara</i> . <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 153-159	7.9	12
154	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
153	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
152	Differentiation of flavonol glucoside and galactoside isomers combining chemical isopropylideneation with liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016 , 1447, 64-71	4.5	15
151	<i>Baccharis dracunculifolia</i> -based mouthrinse alters the exopolysaccharide structure in cariogenic biofilms. <i>International Journal of Biological Macromolecules</i> , 2016 , 84, 301-7	7.9	2
150	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
149	Structural analysis of glucosylceramides (GlcCer) from species of the <i>Pseudallescheria/Scedosporium</i> complex. <i>Fungal Biology</i> , 2016 , 120, 166-72	2.8	10
148	[(1->3)-Glucan of the Southern Bracket Mushroom, <i>Ganoderma australe</i> (Agaricomycetes), Stimulates Phagocytosis and Interleukin-6 Production in Mouse Peritoneal Macrophages. <i>International Journal of Medicinal Mushrooms</i> , 2016 , 18, 313-20	1.3	2
147	SP332SEVELAMER CARBONATE REDUCES INFLAMMATION IN HUMAN ENDOTHELIAL CELLS EXPOSED TO ADVANCED GLYCATION END PRODUCTS (AGES). <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i201-i201	4.3	
146	Surface interactions of gold nanorods and polysaccharides: From clusters to individual nanoparticles. <i>Carbohydrate Polymers</i> , 2016 , 152, 479-486	10.3	30
145	Optimization of chemical sulfation, structural characterization and anticoagulant activity of <i>Agaricus bisporus</i> fucogalactan. <i>Carbohydrate Polymers</i> , 2016 , 146, 345-52	10.3	13
144	Soil phosphorus compounds in integrated crop-livestock systems of subtropical Brazil. <i>Geoderma</i> , 2016 , 274, 88-96	6.7	17
143	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
142	Evaluation of the structural composition and surface properties of rhamnolipid mixtures produced by <i>Pseudomonas aeruginosa</i> UFPEDA 614 in different cultivation periods. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 988-95	3.2	6
141	Real-time monitoring of the change in stiffness of single-strand xanthan gum induced by NaCl. <i>Food Hydrocolloids</i> , 2015 , 44, 191-197	10.6	5
140	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
139	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
138	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

137	Monosaccharide composition of glycans based on Q-HSQC NMR. <i>Carbohydrate Polymers</i> , 2014 , 104, 34-41	10.3	26
136	Gastroprotective bio-guiding fractionation of hydro-alcoholic extracts from green- and black-teas (<i>Camellia sinensis</i>). <i>Food Research International</i> , 2014 , 64, 577-586	7	12
135	Insights into the human glycan receptor conformation of 1918 pandemic hemagglutinin-glycan complexes derived from nuclear magnetic resonance and molecular dynamics studies. <i>Biochemistry</i> , 2014 , 53, 4122-35	3.2	11
134	Glucuronoarabinoxylan from coconut palm gum exudate: chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014 , 107, 65-71	10.3	17
133	Does the use of chitosan contribute to oxalate kidney stone formation?. <i>Marine Drugs</i> , 2014 , 13, 141-58	6	333
132	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
131	Glycan analysis of <i>Fonsecaea monophora</i> from clinical and environmental origins reveals different structural profile and human antigenic response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 153	5.9	2
130	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, 588-96	10.3	37
129	Rhamnogalactofuranan from the microalga <i>Myrmecia biatorellae</i> , symbiotic partner of <i>Lobaria linita</i> . <i>Phytochemistry</i> , 2013 , 94, 254-9	4	6
128	Electrospinning of commercial guar-gum: Effects of purification and filtration. <i>Carbohydrate Polymers</i> , 2013 , 93, 484-91	10.3	50
127	Galactofuranosyl glycosides: immunomodulatory effects on macrophages and in vivo enhancement of lethality on sepsis. <i>Chemico-Biological Interactions</i> , 2013 , 205, 29-37	5	8
126	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	3.2	30
125	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
124	Characterization of cold-induced changes in the fatty acids profile of rice seedlings. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1989-1996	2.6	2
123	Rhamnogalacturonan from <i>Ilex paraguariensis</i> : a potential adjuvant in sepsis treatment. <i>Carbohydrate Polymers</i> , 2013 , 92, 1776-82	10.3	27
122	Naringenin degradation by the endophytic diazotroph <i>Herbaspirillum seropedicae</i> SmR1. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 167-175	2.9	29
121	Polysaccharides from green and black teas and their protective effect against murine sepsis. <i>Food Research International</i> , 2013 , 53, 780-785	7	35
120	Structural studies of an exopolysaccharide produced by <i>Gluconacetobacter diazotrophicus</i> Pa15. <i>Carbohydrate Polymers</i> , 2013 , 98, 1153-9	10.3	20

119	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
118	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
117	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
116	<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
115	Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . <i>Phytochemistry</i> , 2013 , 85, 137-42	4	45
114	Chemical and biological characterization of polysaccharides isolated from <i>Ilex paraguariensis</i> A. St.-Hil. <i>International Journal of Biological Macromolecules</i> , 2013 , 59, 125-33	7.9	12
113	Ultra-low-molecular-weight heparins: precise structural features impacting specific anticoagulant activities. <i>Thrombosis and Haemostasis</i> , 2013 , 109, 471-8	7	8
112	Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian brown seaweed <i>Sargassum vulgare</i> . <i>Marine Drugs</i> , 2013 , 11, 4628-40	6	55
111	Chemical reduction of carboxyl groups in heparin abolishes its vasodilatory activity. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 1359-67	4.7	5
110	Antinociception of 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
109	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
108	Chemical and biological properties of a highly branched D-glucan from edible mushroom <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2012 , 90, 814-9	10.3	50
107	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
106	Structural analysis of <i>Herbaspirillum seropedicae</i> lipid-A and of two mutants defective to colonize maize roots. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 384-91	7.9	8
105	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
104	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
103	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
102	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

101	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
100	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
99	Polysaccharides from peach pulp: structure and effects on mouse peritoneal macrophages. <i>Food Chemistry</i> , 2012 , 134, 2257-60	8.5	33
98	Effects of purified <i>Saccharomyces cerevisiae</i> (1->3)- β -glucan on venous ulcer healing. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8142-58	6.3	35
97	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
96	In vivo/in vitro studies of the effects of the type II arabinogalactan isolated from <i>Maytenus ilicifolia</i> Mart. ex Reissek on the gastrointestinal tract of rats. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012 , 67, 405-10	1.7	5
95	Structural and pharmacological profile of generic enoxaparins used in Brazil. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2012 , 18, 379-86	3.3	4
94	In vivo/in vitro Studies of the Effects of the Type II Arabinogalactan Isolated from <i>Maytenus ilicifolia</i> Mart. ex Reissek on the Gastrointestinal Tract of Rats. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012 , 67, 0405	1.7	3
93	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
92	Some biomolecules and a partially O-acetylated exo-galactomannan containing β -Gal units from pathogenic <i>Exophiala jeanselmei</i> , having a pronounced immunogenic response. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 177-82	7.9	6
91	Standardized extract of <i>Dicksonia sellowiana</i> Presl. Hook (<i>Dicksoniaceae</i>) decreases oxidative damage in cultured endothelial cells and in rats. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 999-1007	5	6
90	Structural analysis of fungal cerebrosides. <i>Frontiers in Microbiology</i> , 2011 , 2, 239	5.7	37
89	Glycolipids from macroalgae: potential biomolecules for marine biotechnology?. <i>Revista Brasileira De Farmacognosia</i> , 2011 , 21, 244-247	2	27
88	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
87	Does aposymbiotically cultivated fungus <i>Ramalina</i> produce isolichenan?. <i>FEMS Microbiology Letters</i> , 2011 , 321, 50-7	2.9	6
86	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, 7307-15	4.5	31
85	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
84	Carbohydrate epitopes in glycoprotein from the opportunistic fungal pathogen <i>Scedosporium apiospermum</i> . <i>Carbohydrate Polymers</i> , 2011 , 85, 349-355	10.3	6

83	Low molecular weight heparins: Structural differentiation by spectroscopic and multivariate approaches. <i>Carbohydrate Polymers</i> , 2011 , 85, 903-909	10.3	12
82	Structure and degree of polymerisation of fructooligosaccharides present in roots and leaves of <i>Stevia rebaudiana</i> (Bert.) Bertoni. <i>Food Chemistry</i> , 2011 , 129, 305-311	8.5	78
81	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
80	Structural characterization of exopolysaccharides from biofilm of a cariogenic streptococci. <i>Carbohydrate Polymers</i> , 2011 , 84, 1215-1220	10.3	22
79	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
78	UPLC-PDAMS 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
77	Herbaspirillum seropedicae rfbB and rfbC genes are required for maize colonization. <i>Environmental Microbiology</i> , 2010 , 12, 2233-44	5.2	79
76	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
75	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
74	TLR4 recognizes <i>Pseudallescheria boydii</i> conidia and purified rhamnomannans. <i>Journal of Biological Chemistry</i> , 2010 , 285, 40714-23	5.4	30
73	A procedure for characterizing glucans synthesized by purified enzymes of cariogenic <i>Streptococcus mutans</i> . <i>International Journal of Biological Macromolecules</i> , 2010 , 46, 551-4	7.9	9
72	β-Galactofuranose-containing structures present in the cell wall of the saprophytic fungus <i>Cladosporium (Hormoconis) resinae</i> . <i>Research in Microbiology</i> , 2010 , 161, 720-8	4	12
71	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
70	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
69	O-Methylated mannogalactan from the microalga <i>Coccomyxa mucigena</i> , symbiotic partner of the lichenized fungus <i>Peltigera aphthosa</i> . <i>Phytochemistry</i> , 2010 , 71, 1162-7	4	9
68	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
67	Rheological and structural characteristics of peach tree gum exudate. <i>Food Hydrocolloids</i> , 2010 , 24, 486-493	10.3	66
66	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

65	The origin of mannans found in submerged culture of basidiomycetes. <i>Carbohydrate Polymers</i> , 2010 , 79, 1052-1056	10.3	15
64	An arabinogalactan with anti-ulcer protective effects isolated from <i>Cereus peruvianus</i> . <i>Carbohydrate Polymers</i> , 2010 , 82, 714-721	10.3	33
63	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
62	Polysaccharide of nectarine gum exudate: Comparison with that of peach gum. <i>Carbohydrate Polymers</i> , 2009 , 76, 485-487	10.3	35
61	Exopolysaccharide from surface-liquid culture of <i>Clonostachys rosea</i> originates from autolysis of the biomass. <i>Archives of Microbiology</i> , 2009 , 191, 369-78	3	10
60	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
59	Gastroprotective effect of a type I arabinogalactan from soybean meal. <i>Food Chemistry</i> , 2009 , 115, 687-699	6.9	47
58	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
57	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
56	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
55	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
54	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
53	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
52	Unusual partially 3-O-methylated alpha-galactan from mushrooms of the genus <i>Pleurotus</i> . <i>Phytochemistry</i> , 2008 , 69, 252-7	4	38
51	Polysaccharides present in cultivated <i>Teloschistes flavicans</i> symbiosis: comparison with those of the thallus. <i>Plant Physiology and Biochemistry</i> , 2008 , 46, 500-5	5.4	8
50	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
49	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
48	A high-viscosity glycoglucuronomannan from the gum exudate of <i>Vochysia thyrsoidea</i> : Comparison with those of other <i>Vochysia</i> spp.. <i>Carbohydrate Polymers</i> , 2008 , 72, 382-389	10.3	9

47	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
46	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
45	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
44	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
43	Three exopolysaccharides of the beta-(1 \rightarrow 6)-D-glucan type and a beta-(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, 2481-5	2.9	47
42	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
41	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
40	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
39	Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008 , 74, 274-278	10.3	40
38	Structure of a glycoglucuronomannan from the gum exudate of <i>Vochysia tucanorum</i> (family Vochysiaceae). <i>Carbohydrate Polymers</i> , 2007 , 69, 512-521	10.3	12
37	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
36	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
35	In vivo assessment of safety and mechanisms underlying in vitro relaxation induced by <i>Mikania laevigata</i> Schult. Bip. ex Baker in the rat trachea. <i>Journal of Ethnopharmacology</i> , 2007 , 112, 430-9	5	16
34	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
33	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
32	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
31	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
30	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

29	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
28	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
27	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
26	Structure of the fucose-containing acidic heteroxylan from the gum exudate of <i>Syagrus romanzoffiana</i> (Queen palm). <i>Carbohydrate Polymers</i> , 2006 , 63, 30-39	10.3	11
25	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	10.3	82
24	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
23	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
22	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
21	Uronic acid-containing glycopeptides from <i>Fusarium oxysporum</i> : Possible significance as chemotypes. <i>Carbohydrate Polymers</i> , 2005 , 60, 449-455	10.3	2
20	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
19	Galactomannans with novel structures from the lichen <i>Rocella decipiens</i> Darb. <i>Carbohydrate Research</i> , 2005 , 340, 1699-705	2.9	18
18	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
17	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>Fitoterapia</i> , 2005 , 76, 676-83	3.2	37
16	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
15	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
14	Structure of a heteroxylan of gum exudate of the palm <i>Scheelea phalerata</i> (uricuri). <i>Phytochemistry</i> , 2004 , 65, 2347-55	4	24
13	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
12	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

11	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
10	Studies on neutral exopolysaccharides produced by the ectomycorrhiza <i>Thelephora terrestris</i> . <i>FEMS Microbiology Letters</i> , 2002 , 216, 145-9	2.9	5
9	A (1 \rightarrow 6)-linked beta-mannopyranan, pseudonigeran, and a (1 \rightarrow 4)-linked beta-xylan, isolated from the lichenized basidiomycete <i>Dictyonema glabratum</i> . <i>FEMS Microbiology Letters</i> , 2002 , 206, 175-8	2.9	19
8	Fatty acid composition of lipids present in selected lichenized fungi: a chemotyping study. <i>Lipids</i> , 2001 , 36, 167-74	1.6	16
7	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
6	Characterization of lyso-galactolipids, C-2 and C-3 O-acyl trigalactosylglycerol isomers, obtained from the lichenized fungus <i>Dictyonema glabratum</i> . <i>FEMS Microbiology Letters</i> , 2001 , 194, 155-8	2.9	10
5	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
4	Chemotyping glucans from lichens of the genus <i>Cladonia</i> . <i>Phytochemistry</i> , 1999 , 52, 1069-1074	4	19
3	Glycosyldiacylglycerolipids from the lichen <i>Dictyonema glabratum</i> . <i>Journal of Natural Products</i> , 1999 , 62, 844-7	4.9	19
2	Studies on neutral exopolysaccharides produced by the ectomycorrhiza <i>Thelephora terrestris</i>		1
1	Regioselective synthesis of 6 β -lauroyl-1-kestose and 6 β -lauroylnystose by sequential enzymatic reactions of transfructosylation and acylation. <i>Biocatalysis and Biotransformation</i> , 1-11	2.5	1