

# Guilherme Lanzi Sassaki

## List of Publications by Year in descending order

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217  
papers

7,284  
citations

50244

46  
h-index

88593

70  
g-index

219  
all docs

219  
docs citations

219  
times ranked

8489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-liquid equilibrium of systems containing acylglycerols from olive oil, glycerol and isopropanol. <i>Journal of Chemical Thermodynamics</i> , 2022, 165, 106666.	1.0	1
2	Chemical, biological, and pharmacological evaluation of the aqueous extract of <i>Ilex paraguariensis</i> , St. Hill. (Aquifoliaceae). <i>Research, Society and Development</i> , 2022, 11, e3011225335.	0.0	0
3	Mechanistic insights into the amidolysis of a phosphate triester: the antagonistic role of water. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2462-2466.	1.5	0
4	Isolation, NMR characterization and bioactivity of a (4-O-methyl- $\alpha$ -D-glucurono)- $\beta$ -D-xylan from <i>Campomanesia xanthocarpa</i> Berg fruits. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 893-904.	3.6	7
5	MO653: High-Flux Haemodialysis and Haemodiafiltration: A Comparative Study Based on 1-H NMR Serum Metabolic Profile. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
6	Antimelanoma effect of a fucoxylomannan isolated from <i>Ganoderma lucidum</i> fruiting bodies. <i>Carbohydrate Polymers</i> , 2022, 294, 119823.	5.1	13
7	Effects of <i>Euphorbia umbellata</i> extracts on complement activation and chemotaxis of neutrophils. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113348.	2.0	5
8	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.	1.7	7
9	The prospects for cryopreservation of noctuid eggs in the mass production of <i>Trichogramma</i> spp.. <i>BioControl</i> , 2021, 66, 753-764.	0.9	1
10	Naturally methylated mannogalactans from the edible mushrooms <i>Pholiota nameko</i> and <i>Pleurotus eryngii</i> . <i>Journal of Food Composition and Analysis</i> , 2021, 102, 103985.	1.9	5
11	Preparation, Structural Characterization, and Property Investigation of Gallic Acid-Grafted Fungal Chitosan Conjugate. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 812.	1.5	7
12	An $\alpha$ -D-galactan and a $\beta$ -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
13	<i>Ilex paraguariensis</i> extract as an alternative to pain medications. <i>Acta Pharmaceutica</i> , 2021, 71, 383-398.	0.9	3
14	COMPARATIVE METABOLOMIC STUDY OF HIGH-FLUX HEMODIALYSIS AND HIGH VOLUME ONLINE HEMODIAFILTRATION IN THE REMOVAL OF UREMIC TOXINS USING 1H NMR SPECTROSCOPY. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 208, 114460.	1.4	2
15	<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.	5.1	9
16	Effect of adding galactomannans on some physical and chemical properties of hyaluronic acid. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 527-535.	3.6	9
17	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.	1.3	16
18	Enriched Terpenes Fractions of the Latex of <i>Euphorbia umbellata</i> Promote Apoptosis in Leukemic Cells. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000369.	1.0	10

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19	Gallic Acid-Laminarin Conjugate Is a Better Antioxidant than Sulfated or Carboxylated Laminarin. <i>Antioxidants</i> , 2020, 9, 1192.	2.2	20
20	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
21	Immunostimulatory Effect of Sulfated Galactans from the Green Seaweed <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Marine Drugs</i> , 2020, 18, 234.	2.2	13
22	P1057 UNTARGETED 1H NMR-BASED SERUM METABOLIC PROFILE ANALYSIS OF PATIENTS TREATED WITH HIGH VOLUME HEMODIAFILTRATION (HDF). <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
23	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, .	1.4	10
24	Glycoglycerolipids From <i>Sargassum vulgare</i> as Potential Antifouling Agents. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	16
25	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
26	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
27	Gallic Acid-Dextran Conjugate: Green Synthesis of a Novel Antioxidant Molecule. <i>Antioxidants</i> , 2019, 8, 478.	2.2	19
28	Crude Heparin Preparations Unveil the Presence of Structurally Diverse Oversulfated Contaminants. <i>Molecules</i> , 2019, 24, 2988.	1.7	5
29	Gallic Acid-Chitosan Conjugate Inhibits the Formation of Calcium Oxalate Crystals. <i>Molecules</i> , 2019, 24, 2074.	1.7	21
30	Genome sequencing of <i>Burkholderia contaminans</i> LTEB11 reveals a lipolytic arsenal of biotechnological interest. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 619-624.	0.8	1
31	Impact of Polylactide Fluorinated End-Group Lengths and Their Dynamics on Perfluorohexane Microcapsule Morphology. <i>Macromolecules</i> , 2019, 52, 2589-2596.	2.2	2
32	Antiproliferative xylan from corn cobs induces apoptosis in tumor cells. <i>Carbohydrate Polymers</i> , 2019, 210, 245-253.	5.1	21
33	Cabernet Sauvignon wine polysaccharides attenuate sepsis inflammation and lethality in mice. <i>Carbohydrate Polymers</i> , 2019, 210, 254-263.	5.1	9
34	Fatty acid biosynthesis is enhanced in <i>Escherichia coli</i> strains with deletion in genes encoding the PII signaling proteins. <i>Archives of Microbiology</i> , 2019, 201, 209-214.	1.0	6
35	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
36	Oxidation of 1-N 2-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.	1.2	2

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37	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.	2.7	2
38	Sevelamer reduces endothelial inflammatory response to advanced glycation end products. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 89-98.	1.4	21
39	Corrosive extracellular polysaccharides of the rock-inhabiting model fungus <i>Knufia petricola</i> . <i>Extremophiles</i> , 2018, 22, 165-175.	0.9	34
40	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
41	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
42	A peptidogalactomannan isolated from <i>Cladosporium herbarum</i> induces defense-related genes in BY-2 tobacco cells. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 206-216.	2.8	10
43	Correlation Between Chemical Composition of Tropical Hardwoods and Wood-Cement Compatibility. <i>Journal of Wood Chemistry and Technology</i> , 2018, 38, 28-34.	0.9	16
44	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.	5.1	19
45	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
46	PHB Biosynthesis Counteracts Redox Stress in <i>Herbaspirillum seropedicae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 472.	1.5	44
47	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
48	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.	3.6	6
49	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.	1.2	0
50	NMR metabolic fingerprints of murine melanocyte and melanoma cell lines: application to biomarker discovery. <i>Scientific Reports</i> , 2017, 7, 42324.	1.6	17
51	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.	0.6	15
52	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.	0.8	5
53	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
54	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.	3.6	13

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55	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
56	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
57	Anticoagulant and antithrombotic effects of chemically sulfated fucogalactan and citrus pectin. <i>Carbohydrate Polymers</i> , 2017, 174, 731-739.	5.1	18
58	Extraction, characterization and biological activity of a (1,3)(1,6)- $\beta$ -D-glucan from the pathogenic oomycete <i>Pythium insidiosum</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 719-727.	5.1	17
59	Chemical structure, antiproliferative and antioxidant activities of a cell wall $\beta$ -D-mannan from yeast <i>Kluyveromyces marxianus</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 1298-1305.	5.1	37
60	Biological and structural analyses of bovine heparin fractions of intermediate and high molecular weight. <i>Carbohydrate Polymers</i> , 2017, 157, 72-78.	5.1	5
61	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.	3.6	19
62	SP332SEVELAMER CARBONATE REDUCES INFLAMMATION IN HUMAN ENDOTHELIAL CELLS EXPOSED TO ADVANCED GLYCATION END PRODUCTS (AGES). <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i201-i201.	0.4	0
63	Surface interactions of gold nanorods and polysaccharides: From clusters to individual nanoparticles. <i>Carbohydrate Polymers</i> , 2016, 152, 479-486.	5.1	42
64	Optimization of chemical sulfation, structural characterization and anticoagulant activity of <i>Agaricus bisporus</i> fucogalactan. <i>Carbohydrate Polymers</i> , 2016, 146, 345-352.	5.1	17
65	Soil phosphorus compounds in integrated crop-livestock systems of subtropical Brazil. <i>Geoderma</i> , 2016, 274, 88-96.	2.3	27
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	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
68	Differentiation of flavonol glucoside and galactoside isomers combining chemical isopropylidenation with liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2016, 1447, 64-71.	1.8	18
69	<i>Baccharis dracunculifolia</i> -based mouthrinse alters the exopolysaccharide structure in cariogenic biofilms. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 301-307.	3.6	5
70	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
71	Structural analysis of glucosylceramides (GlcCer) from species of the <i>Pseudallescheria/Scedosporium</i> complex. <i>Fungal Biology</i> , 2016, 120, 166-172.	1.1	12
72	$\beta$ -D-(1 $\rightarrow$ 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, 313-320.	0.9	5

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73	Does the Use of Chitosan Contribute to Oxalate Kidney Stone Formation?. <i>Marine Drugs</i> , 2015, 13, 141-158.	2.2	670
74	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
75	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
76	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
77	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, 988-995.	1.4	6
78	Real-time monitoring of the change in stiffness of single-strand xanthan gum induced by NaCl. <i>Food Hydrocolloids</i> , 2015, 44, 191-197.	5.6	6
79	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
80	Anti-Inflammatory Properties of the Medicinal Mushroom <i>Cordyceps militaris</i> Might Be Related to Its Linear (1 $\alpha$ +3)- $\beta$ -D-Glucan. <i>PLoS ONE</i> , 2014, 9, e110266.	1.1	77
81	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.	1.8	3
82	Structural characterization and anti-inflammatory activity of a linear $\beta$ -D-glucan isolated from <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2014, 113, 588-596.	5.1	47
83	Monosaccharide composition of glycans based on Q-HSQC NMR. <i>Carbohydrate Polymers</i> , 2014, 104, 34-41.	5.1	33
84	Gastroprotective bio-guiding fractionation of hydro-alcoholic extracts from green- and black-teas ( ) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	2.9	13
85	Insights into the Human Glycan Receptor Conformation of 1918 Pandemic Hemagglutininâ€“Glycan Complexes Derived from Nuclear Magnetic Resonance and Molecular Dynamics Studies. <i>Biochemistry</i> , 2014, 53, 4122-4135.	1.2	14
86	Glucuronoarabinoxylan from coconut palm gum exudate: Chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014, 107, 65-71.	5.1	22
87	Ehrlich and Sarcoma 180 Tumour Characterisation and Early Detection by $^1\text{H}$ NMR-Based Metabonomics of Mice Serum. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
88	Rhamnogalactofuranan from the microalga <i>Myrmecia biatorellae</i> , symbiotic partner of <i>Lobaria linita</i> . <i>Phytochemistry</i> , 2013, 94, 254-259.	1.4	8
89	Electrospinning of commercial guar-gum: Effects of purification and filtration. <i>Carbohydrate Polymers</i> , 2013, 93, 484-491.	5.1	66
90	Galactofuranosyl glycosides: Immunomodulatory effects on macrophages and in vivo enhancement of lethality on sepsis. <i>Chemico-Biological Interactions</i> , 2013, 205, 29-37.	1.7	8

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91	Human (1 $\pm$ 2 $\alpha$ '6) and Avian (1 $\pm$ 2 $\alpha$ '3) Sialylated Receptors of Influenza A Virus Show Distinct Conformations and Dynamics in Solution. <i>Biochemistry</i> , 2013, 52, 7217-7230.	1.2	45
92	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
93	Characterization of cold-induced changes in the fatty acids profile of rice seedlings. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1989-1996.	1.0	5
94	Rhamnogalacturonan from <i>Ilex paraguariensis</i> : A potential adjuvant in sepsis treatment. <i>Carbohydrate Polymers</i> , 2013, 92, 1776-1782.	5.1	30
95	Naringenin degradation by the endophytic diazotroph <i>Herbaspirillum seropedicae</i> SmR1. <i>Microbiology (United Kingdom)</i> , 2013, 159, 167-175.	0.7	41
96	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
97	Structural studies of an exopolysaccharide produced by <i>Gluconacetobacter diazotrophicus</i> Pa5. <i>Carbohydrate Polymers</i> , 2013, 98, 1153-1159.	5.1	22
98	Structural characterization of a glucuronoarabinoxylan from pineapple ( <i>Ananas comosus</i> (L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.1	15
99	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
100	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
101	<i>Lactarius rufus</i> (1 $\alpha$ '3),(1 $\alpha$ '6)- $\beta$ -d-glucans: Structure, antinociceptive and anti-inflammatory effects. <i>Carbohydrate Polymers</i> , 2013, 94, 129-136.	5.1	78
102	Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . <i>Phytochemistry</i> , 2013, 85, 137-142.	1.4	55
103	Chemical and biological characterization of polysaccharides isolated from <i>Ilex paraguariensis</i> A. St.-Hil.. <i>International Journal of Biological Macromolecules</i> , 2013, 59, 125-133.	3.6	14
104	Ultra-low-molecular-weight heparins: Precise structural features impacting specific anticoagulant activities. <i>Thrombosis and Haemostasis</i> , 2013, 109, 471-478.	1.8	8
105	Antiviral Sulfoquinovosyldiacylglycerols (SQDGs) from the Brazilian Brown Seaweed <i>Sargassum vulgare</i> . <i>Marine Drugs</i> , 2013, 11, 4628-4640.	2.2	67
106	Effects of Purified <i>Saccharomyces cerevisiae</i> (1 $\alpha$ '3)- $\beta$ -Glucan on Venous Ulcer Healing. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8142-8158.	1.8	44
107	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
108	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, 405-410.	0.6	9

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109	Structural and Pharmacological Profile of Generic Enoxaparins Used in Brazil. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2012, 18, 379-386.	0.7	4
110	Antinociception of $\beta$ -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
111	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
112	Chemical and biological properties of a highly branched $\beta$ -D-glucan from edible mushroom <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2012, 90, 814-819.	5.1	59
113	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
114	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, 384-391.	3.6	10
115	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
116	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
117	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
118	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
119	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) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 13	0.7	10
120	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
121	Polysaccharides from peach pulp: Structure and effects on mouse peritoneal macrophages. <i>Food Chemistry</i> , 2012, 134, 2257-2260.	4.2	40
122	Chemical reduction of carboxyl groups in heparin abolishes its vasodilatory activity. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1359-1367.	1.2	6
123	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.	0.6	3
124	A robust method to quantify low molecular weight contaminants in heparin: detection of tris(2-n-butoxyethyl) phosphate. <i>Analyst</i> , The, 2011, 136, 2330.	1.7	16
125	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
126	Some biomolecules and a partially O-acetylated exo-galactomannan containing $\beta$ -D-Galf units from pathogenic <i>Exophiala jeanselmei</i> , having a pronounced immunogenic response. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 177-182.	3.6	8



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