

Elaine R Carbonero

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53
papers

1,750
citations

27
h-index

40
g-index

53
ext. papers

1,884
ext. citations

6.8
avg, IF

3.97
L-index

#	Paper	IF	Citations
53	Anti-inflammatory and analgesic properties in a rodent model of a (1→3),(1→6)-linked beta-glucan isolated from <i>Pleurotus pulmonarius</i> . <i>European Journal of Pharmacology</i> , 2008 , 597, 86-91	5.3	112
52	<i>Lentinus edodes</i> heterogalactan: Antinociceptive and anti-inflammatory effects. <i>Food Chemistry</i> , 2008 , 111, 531-537	8.5	94
51	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
50	A βglucan 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
49	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
48	<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
47	A 3-O-methylated mannogalactan from <i>Pleurotus pulmonarius</i> : structure and antinociceptive effect. <i>Phytochemistry</i> , 2008 , 69, 2731-6	4	64
46	Structure of <i>Agaricus</i> spp. fucogalactans and their anti-inflammatory and antinociceptive properties. <i>Bioresource Technology</i> , 2010 , 101, 6192-9	11	63
45	Polysaccharides from the fruit bodies of the basidiomycete <i>Laetiporus sulphureus</i> (Bull.: Fr.) Murr. <i>FEMS Microbiology Letters</i> , 2004 , 230, 47-52	2.9	53
44	Chemical and biological properties of a highly branched βglucan from edible mushroom <i>Pleurotus sajor-caju</i> . <i>Carbohydrate Polymers</i> , 2012 , 90, 814-9	10.3	50
43	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
42	Anticoagulant and antithrombotic activity of a sulfate obtained from a glucan component of the lichen <i>Parmotrema mantiqueirensis</i> Hale. <i>Carbohydrate Polymers</i> , 2005 , 60, 7-13	10.3	46
41	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
40	<i>Agaricus bisporus</i> fucogalactan: structural characterization and pharmacological approaches. <i>Carbohydrate Polymers</i> , 2013 , 92, 184-91	10.3	44
39	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
38	Structural characterization and protective effect against murine sepsis of fucogalactans from <i>Agaricus bisporus</i> and <i>Lactarius rufus</i> . <i>Carbohydrate Polymers</i> , 2012 , 87, 1620-1627	10.3	40
37	The presence of partially 3-O-methylated mannogalactan from the fruit bodies of edible basidiomycetes <i>Pleurotus ostreatus</i> FloridaSBerk. and <i>Pleurotus ostreatoroseus</i> Sing. <i>FEMS Microbiology Letters</i> , 2003 , 221, 119-24	2.9	40

36	Unusual partially 3-O-methylated alpha-galactan from mushrooms of the genus <i>Pleurotus</i> . <i>Phytochemistry</i> , 2008 , 69, 252-7	4	38
35	Sulfonation and anticoagulant activity of fungal exocellular β (1 \rightarrow 6)-D-glucan (lasiodiplodan). <i>Carbohydrate Polymers</i> , 2013 , 92, 1908-14	10.3	37
34	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
33	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
32	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
31	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
30	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
29	Chemical and biological properties of an arabinogalactan from <i>Phyllanthus niruri</i> . <i>Journal of Natural Products</i> , 2005 , 68, 1479-83	4.9	29
28	Polysaccharides of lichenized fungi of three <i>Cladonia</i> spp.: significance as chemotypes. <i>Phytochemistry</i> , 2002 , 61, 681-6	4	29
27	Structure of two glucans and a galactofuranomannan from the lichen <i>Umbilicaria mammulata</i> . <i>Carbohydrate Polymers</i> , 2006 , 63, 13-18	10.3	28
26	Effect of a soluble alpha-D-glucan from the lichenized fungus <i>Ramalina celastri</i> on macrophage activity. <i>International Immunopharmacology</i> , 2002 , 2, 691-8	5.8	26
25	Biomass and exopolysaccharide production in submerged cultures of <i>Pleurotus ostreatoroseus</i> Sing. and <i>Pleurotus ostreatus</i> "florida" (Jack.: Fr.) Kummer. <i>Journal of Basic Microbiology</i> , 2003 , 43, 230-7	2.7	25
24	A partially 3-O-methylated (1 \rightarrow 4)-linked alpha-D-galactan and alpha-D-mannan from <i>Pleurotus ostreatoroseus</i> Sing. <i>FEMS Microbiology Letters</i> , 2002 , 212, 261-5	2.9	24
23	Structural characterization of exopolysaccharides from biofilm of a cariogenic streptococci. <i>Carbohydrate Polymers</i> , 2011 , 84, 1215-1220	10.3	22
22	Water-soluble polysaccharides from <i>Pleurotus ostreatus</i> var. <i>florida</i> mycelial biomass. <i>International Journal of Biological Macromolecules</i> , 2014 , 70, 354-9	7.9	21
21	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
20	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
19	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

18	A (1-->6)-linked beta-mannopyranan, pseudonigeran, and a (1-->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
17	Galactomannans with novel structures from the lichen <i>Rocella decipiens</i> Darb. <i>Carbohydrate Research</i> , 2005 , 340, 1699-705	2.9	18
16	Structure elucidation of a bioactive fucomannogalactan from the edible mushroom <i>Hypsizygus marmoreus</i> . <i>Carbohydrate Polymers</i> , 2019 , 225, 115203	10.3	17
15	Glucuronoarabinoxylan from coconut palm gum exudate: chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014 , 107, 65-71	10.3	17
14	Chemical and immunological modifications of an arabinogalactan present in tea preparations of <i>Phyllanthus niruri</i> after treatment with gastric fluid. <i>International Journal of Biological Macromolecules</i> , 2008 , 43, 115-20	7.9	17
13	The origin of mannans found in submerged culture of basidiomycetes. <i>Carbohydrate Polymers</i> , 2010 , 79, 1052-1056	10.3	15
12	Antithrombin and heparin cofactor II-mediated inactivation of alpha-thrombin by a synthetic, sulfated mannogalactan. <i>Thrombosis Research</i> , 2010 , 126, e180-7	8.2	14
11	Polysaccharide glucomannan isolated from <i>Heterodermia obscurata</i> attenuates acute and chronic pain in mice. <i>Carbohydrate Polymers</i> , 2013 , 92, 2058-64	10.3	13
10	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
9	Chemical structure of a partially 3-O-methylated mannofucogalactan from edible mushroom <i>Grifola frondosa</i> . <i>Carbohydrate Polymers</i> , 2018 , 187, 110-117	10.3	10
8	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
7	Xylans from the medicinal herb <i>Phyllanthus niruri</i> . <i>Journal of Natural Products</i> , 2005 , 68, 129-32	4.9	10
6	Partially methylated galactans containing different proportions of 3-O-methyl-galactose from <i>Pleurotus citrinopileatus</i> . <i>Carbohydrate Research</i> , 2018 , 458-459, 29-34	2.9	8
5	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
4	Inhibition of <i>Leishmania amazonensis</i> arginase by fucogalactan isolated from <i>Agrocybe aegerita</i> mushroom. <i>Carbohydrate Polymers</i> , 2018 , 201, 532-538	10.3	7
3	Chemotypes significance of lichenized fungi by structural characterization of heteropolysaccharides from the genera <i>Parmotrema</i> and <i>Rimelia</i> . <i>FEMS Microbiology Letters</i> , 2005 , 246, 273-8	2.9	6
2	Structural characterization of a galactomannan from the cyanolichen <i>Leptogium azureum</i> . <i>Carbohydrate Polymers</i> , 2003 , 53, 469-473	10.3	5
1	A galactose-rich heteropolysaccharide extracted from "jaboticaba" (<i>Plinia cauliflora</i>) peels. <i>Carbohydrate Polymers</i> , 2020 , 249, 116821	10.3	5

