

Cristiane Hatsuko Baggio

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85 papers	2,647 citations	33 h-index	47 g-index
86 ext. papers	2,955 ext. citations	5.3 avg, IF	4.62 L-index

#	Paper	IF	Citations
85	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
84	Antilucerogenic activity of hydroalcoholic extract of <i>Achillea millefolium</i> L.: involvement of the antioxidant system. <i>Journal of Ethnopharmacology</i> , 2010 , 130, 85-92	5	104
83	Antinociceptive and anti-inflammatory potential of extract and isolated compounds from the leaves of <i>Salvia officinalis</i> in mice. <i>Journal of Ethnopharmacology</i> , 2012 , 139, 519-26	5	95
82	Lentinus edodes heterogalactan: Antinociceptive and anti-inflammatory effects. <i>Food Chemistry</i> , 2008 , 111, 531-537	8.5	94
81	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
80	A73 DIETARY FIBRE IMPROVES INTESTINAL EPITHELIAL BARRIER FUNCTION THROUGH TLR4 ACTIVATION. <i>Journal of the Canadian Association of Gastroenterology</i> , 2019 , 2, 147-148	0.5	78
79	A252 THE DIETARY FIBRE, RHAMNOGALACTURONAN (RGAL), DRIVES AN INFLAMMATORY GENE EXPRESSION PROFILE IN INTESTINAL EPITHELIAL CELLS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2019 , 2, 492-493	0.5	78
78	Safety and antiulcer efficacy studies of <i>Achillea millefolium</i> L. after chronic treatment in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2006 , 107, 277-84	5	76
77	Lactarius rufus (1→3),(1→6)-D-glucans: structure, antinociceptive and anti-inflammatory effects. <i>Carbohydrate Polymers</i> , 2013 , 94, 129-36	10.3	66
76	A 3-O-methylated mannogalactan from <i>Pleurotus pulmonarius</i> : structure and antinociceptive effect. <i>Phytochemistry</i> , 2008 , 69, 2731-6	4	64
75	Structure of <i>Agaricus</i> spp. fucogalactans and their anti-inflammatory and antinociceptive properties. <i>Bioresource Technology</i> , 2010 , 101, 6192-9	11	63
74	Inhibition of gastric H ⁺ ,K ⁺ -ATPase activity by flavonoids, coumarins and xanthenes isolated from Mexican medicinal plants. <i>Journal of Ethnopharmacology</i> , 2006 , 105, 167-72	5	63
73	Ethanol extract of roots from <i>Arctium lappa</i> L. accelerates the healing of acetic acid-induced gastric ulcer in rats: Involvement of the antioxidant system. <i>Food and Chemical Toxicology</i> , 2013 , 51, 179-87	4.7	59
72	Anti-inflammatory properties of the medicinal mushroom <i>Cordyceps militaris</i> might be related to its linear (1→3)-D-glucan. <i>PLoS ONE</i> , 2014 , 9, e110266	3.7	56
71	Antinociceptive effects of ethanol extract from the flowers of <i>Acmella oleracea</i> (L.) R.K. Jansen in mice. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 583-9	5	52
70	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
69	Evaluation of the antinociceptive, anti-inflammatory and gastric antiulcer activities of the essential oil from <i>Piper aleyreanum</i> C.DC in rodents. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 274-82	5	49

68	Gastroprotective effect of a type I arabinogalactan from soybean meal. <i>Food Chemistry</i> , 2009 , 115, 687-699	6.9	47
67	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
66	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
65	Gastroprotective effect and structure of a rhamnogalacturonan from <i>Acmella oleracea</i> . <i>Phytochemistry</i> , 2013 , 85, 137-42	4	45
64	<i>Agaricus bisporus</i> fucogalactan: structural characterization and pharmacological approaches. <i>Carbohydrate Polymers</i> , 2013 , 92, 184-91	10.3	44
63	Polysaccharides from prunes: gastroprotective activity and structural elucidation of bioactive pectins. <i>Food Chemistry</i> , 2014 , 146, 492-9	8.5	41
62	Gastroprotective constituents of <i>Salvia officinalis</i> L. <i>Phytotherapy Research</i> , 2009 , 80, 421-6	3.2	41
61	Gastroprotective effects of a crude extract of <i>Baccharis illinita</i> DC in rats. <i>Pharmacological Research</i> , 2003 , 47, 93-8	10.2	41
60	Rhamnogalacturonan, a chemically-defined polysaccharide, improves intestinal barrier function in DSS-induced colitis in mice and human Caco-2 cells. <i>Scientific Reports</i> , 2018 , 8, 12261	4.9	40
59	Acidic heteroxylans from medicinal plants and their anti-ulcer activity. <i>Carbohydrate Polymers</i> , 2008 , 74, 274-278	10.3	40
58	Structure of an arabinogalactan from the edible tropical fruit tamarillo (<i>Solanum betaceum</i>) and its antinociceptive activity. <i>Carbohydrate Polymers</i> , 2015 , 116, 300-6	10.3	38
57	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
56	Involvement of nitric oxide in the gastroprotective effects of an aqueous extract of <i>Pfaffia glomerata</i> (Spreng) Pedersen, <i>Amaranthaceae</i> , in rats. <i>Life Sciences</i> , 2004 , 74, 1167-79	6.8	36
55	Antidepressant and antioxidative effect of Ibuprofen in the rotenone model of Parkinson's disease. <i>Neurotoxicity Research</i> , 2014 , 26, 351-62	4.3	35
54	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
53	Involvement of Interleukin-10 in the Anti-Inflammatory Effect of Sanyinjiao (SP6) Acupuncture in a Mouse Model of Peritonitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 217946	2.3	35
52	An arabinogalactan with anti-ulcer protective effects isolated from <i>Cereus peruvianus</i> . <i>Carbohydrate Polymers</i> , 2010 , 82, 714-721	10.3	33
51	Anti-inflammatory effect of triterpene 3 β ,6 β ,16 β -trihydroxylup-20(29)-ene obtained from <i>Combretum leprosum</i> Mart & Eich in mice. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 59-64	5	32

50	Host-mineral trioxide aggregate inflammatory molecular signaling and biomineralization ability. <i>Journal of Endodontics</i> , 2010 , 36, 1347-53	4.7	31
49	Gastroprotective mechanisms of indole alkaloids from <i>Himatanthus lancifolius</i> . <i>Planta Medica</i> , 2005 , 71, 733-8	3.1	31
48	Structure of a galactoarabinoglucuronoxylan from tamarillo (<i>Solanum betaceum</i>), a tropical exotic fruit, and its biological activity. <i>Food Chemistry</i> , 2013 , 141, 510-6	8.5	29
47	Rhamnogalacturonan from <i>Acmella oleracea</i> (L.) R.K. Jansen: gastroprotective and ulcer healing properties in rats. <i>PLoS ONE</i> , 2014 , 9, e84762	3.7	28
46	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
45	A simple, cost-effective method for generating murine colonic 3D enteroids and 2D monolayers for studies of primary epithelial cell function. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G467-G475	5.1	26
44	Antiulcer effect of bark extract of <i>Tabebuia avellanedae</i> : activation of cell proliferation in gastric mucosa during the healing process. <i>Phytotherapy Research</i> , 2013 , 27, 1067-73	6.7	25
43	Gastroprotective activity of the chloroform extract of the roots from <i>Arctium lappa</i> L. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 795-801	4.8	25
42	Anandamide reverses depressive-like behavior, neurochemical abnormalities and oxidative-stress parameters in streptozotocin-diabetic rats: Role of CB1 receptors. <i>European Neuropsychopharmacology</i> , 2016 , 26, 1590-600	1.2	25
41	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
40	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
39	Antiulcerogenic activity of bark extract of <i>Tabebuia avellanedae</i> , Lorentz ex Griseb. <i>Journal of Ethnopharmacology</i> , 2008 , 118, 455-9	5	23
38	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
37	Structure and antinociceptive effects of β -D-glucans from <i>Cookeina tricholoma</i> . <i>Carbohydrate Polymers</i> , 2016 , 141, 220-8	10.3	21
36	Gastroprotective activity of the hydroalcoholic extract obtained from <i>Polygala paniculata</i> L. in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 1413-9	4.8	21
35	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
34	ER-stress mobilization of death-associated protein kinase-1-dependent xenophagy counteracts mitochondria stress-induced epithelial barrier dysfunction. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3073-3087	5.4	19
33	Glucuronoarabinoxylan from coconut palm gum exudate: chemical structure and gastroprotective effect. <i>Carbohydrate Polymers</i> , 2014 , 107, 65-71	10.3	17

32	Antiulcer and gastric antisecretory effects of dichloromethane fraction and pirlartine obtained from fruits of <i>Piper tuberculatum</i> Jacq. in rats. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 165-74	5	17
31	Isolation of a gastroprotective arabinoxylan from sugarcane bagasse. <i>Bioresource Technology</i> , 2011 , 102, 10524-8	11	17
30	Anti-inflammatory effect of laser acupuncture in ST36 (Zusanli) acupoint in mouse paw edema. <i>Lasers in Medical Science</i> , 2016 , 31, 315-22	3.1	16
29	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
28	Antinociceptive and gastroprotective actions of ethanolic extract from <i>Pluchea sagittalis</i> (Lam.) Cabrera. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 603-9	5	14
27	Antinociceptive properties of the hydroalcoholic extract, fractions and compounds obtained from the aerial parts of <i>Baccharis illinita</i> DC in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 104, 285-92	3.1	14
26	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
25	Evidence of TRPV1 receptor and PKC signaling pathway in the antinociceptive effect of amylin octanoate. <i>Brain Research</i> , 2009 , 1295, 76-88	3.7	13
24	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
23	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
22	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
21	Neuroimmune Responses Mediate Depression-Related Behaviors following Acute Colitis. <i>iScience</i> , 2019 , 16, 12-21	6.1	11
20	<i>Mikania laevigata</i> syrup does not induce side effects on reproductive system of male Wistar rats. <i>Journal of Ethnopharmacology</i> , 2007 , 111, 29-32	5	11
19	Inhibition of H ⁺ /K ⁺ ATPase in the gastroprotective effect of <i>Baccharis illinita</i> DC. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 1105-10	4.8	10
18	Healing mechanisms of the hydroalcoholic extract and ethyl acetate fraction of green tea (<i>Camellia sinensis</i> (L.) Kuntze) on chronic gastric ulcers. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 259-68	3.4	9
17	Modulation of antioxidant systems by subchronic exposure to the aqueous extract of leaves from <i>Achillea millefolium</i> L. in rats. <i>Natural Product Research</i> , 2016 , 30, 613-5	2.3	8
16	Involvement of glutamate and cytokine pathways on antinociceptive effect of <i>Pfaffia glomerata</i> in mice. <i>Journal of Ethnopharmacology</i> , 2009 , 122, 468-72	5	8
15	Arabinoxylan from Mucilage of Tomatoes (<i>Solanum lycopersicum</i> L.): Structure and Antinociceptive Effect in Mouse Models. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 1239-44	5.7	7

14	Action of crude aqueous extract of leaves of <i>Achillea millefolium</i> L. (Compositae) on gastrointestinal tract. <i>Revista Brasileira De Farmacognosia</i> , 2002 , 12, 31-33	2	6
13	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
12	Gastroprotective effect of hydroalcoholic extract from barks of <i>Persea major</i> Kopp (Lauraceae) in rats. <i>Revista Brasileira De Farmacognosia</i> , 2007 , 17, 533-537	2	5
11	Interferon gamma decreases intestinal epithelial aquaporin 3 expression through downregulation of constitutive transcription. <i>Journal of Molecular Medicine</i> , 2018 , 96, 1081-1093	5.5	4
10	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
9	Rhamnogalacturonan polysaccharide inhibits inflammation and oxidative stress and alleviates visceral pain. <i>Journal of Functional Foods</i> , 2021 , 82, 104483	5.1	2
8	A86 NON-PREBIOTIC EFFECTS OF RHAMNOGALACTURONAN ON INTESTINAL EPITHELIAL BARRIER FUNCTION AND WOUND HEALING. <i>Journal of the Canadian Association of Gastroenterology</i> , 2018 , 1, 131-131	0.5	1
7	Further Antinociceptive Properties of Naringenin on Acute and Chronic Pain in Mice. <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701200	0.9	1
6	A8 de extratos de plantas medicinais sobre a motilidade do trato gastrointestinal. <i>Revista Brasileira De Plantas Mediciniais</i> , 2014 , 16, 750-754		1
5	Inhibition of Gastric H ⁺ , K ⁺ -ATPase Activity by Compounds from Medicinal Plants. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	1
4	Effects of <i>Pfaffia glomerata</i> (Spreng) pedersen aqueous extract on healing acetic acid-induced ulcers. <i>Brazilian Archives of Biology and Technology</i> , 2008 , 51, 479-483	1.8	1
3	The dietary fibre rhamnogalacturonan improves intestinal epithelial barrier function in a microbiota-independent manner. <i>British Journal of Pharmacology</i> , 2021 , 179, 337	8.6	0
2	RGal Increases Intestinal Epithelial Barrier Function in a PKC-Dependent Manner and Drives an Inflammatory Gene Expression Profile. <i>FASEB Journal</i> , 2019 , 33, 711.2	0.9	
1	A64 THE DIETARY FIBRE RHAMNOGALACTURONAN PROMOTES INTESTINAL EPITHELIAL CELL MIGRATION THROUGH THE NF- κ B SIGNALING PATHWAY. <i>Journal of the Canadian Association of Gastroenterology</i> , 2022 , 5, 74-75	0.5	