

Jand Medeiros

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107
papers

2,104
citations

26
h-index

40
g-index

122
ext. papers

2,517
ext. citations

4.9
avg, IF

4.54
L-index

#	Paper	IF	Citations
107	Hydrogen peroxide pre-treatment induces salt-stress acclimation in maize plants. <i>Journal of Plant Physiology</i> , 2005 , 162, 1114-22	3.6	176
106	Phytol, a diterpene alcohol, inhibits the inflammatory response by reducing cytokine production and oxidative stress. <i>Fundamental and Clinical Pharmacology</i> , 2014 , 28, 455-64	3.1	112
105	An Overview on the Anti-inflammatory Potential and Antioxidant Profile of Eugenol. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3957262	6.7	92
104	Role of the NO/cGMP/K(ATP) pathway in the protective effects of sildenafil against ethanol-induced gastric damage in rats. <i>British Journal of Pharmacology</i> , 2008 , 153, 721-7	8.6	82
103	Hydrogen sulfide prevents ethanol-induced gastric damage in mice: role of ATP-sensitive potassium channels and capsaicin-sensitive primary afferent neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 330, 764-70	4.7	77
102	Antiinflammatory and antinociceptive effects in mice of a sulfated polysaccharide fraction extracted from the marine red algae <i>Gracilaria caudata</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2013 , 35, 93-100	3.2	72
101	Anti-inflammatory and antinociceptive activity of epiisopiloturine, an imidazole alkaloid isolated from <i>Pilocarpus microphyllus</i> . <i>Journal of Natural Products</i> , 2013 , 76, 1071-7	4.9	63
100	Gastroprotective properties of cashew gum, a complex heteropolysaccharide of <i>Anacardium occidentale</i> , in naproxen-induced gastrointestinal damage in rats. <i>Drug Development Research</i> , 2015 , 76, 143-51	5.1	41
99	Evaluation of the anti-inflammatory and antinociceptive effects of myrtenol, a plant-derived monoterpene alcohol, in mice. <i>Flavour and Fragrance Journal</i> , 2014 , 29, 184-192	2.5	41
98	Gastroprotective effect of heme-oxygenase 1/biliverdin/CO pathway in ethanol-induced gastric damage in mice. <i>European Journal of Pharmacology</i> , 2010 , 642, 140-5	5.3	41
97	Antidiarrheal activity of cashew GUM, a complex heteropolysaccharide extracted from exudate of <i>Anacardium occidentale</i> L. in rodents. <i>Journal of Ethnopharmacology</i> , 2015 , 174, 299-307	5	40
96	Carvacryl acetate, a derivative of carvacrol, reduces nociceptive and inflammatory response in mice. <i>Life Sciences</i> , 2014 , 94, 58-66	6.8	38
95	Sulfated-polysaccharide fraction from red algae <i>Gracilaria caudata</i> protects mice gut against ethanol-induced damage. <i>Marine Drugs</i> , 2011 , 9, 2188-200	6	38
94	Gabapentin, a synthetic analogue of gamma aminobutyric acid, reverses systemic acute inflammation and oxidative stress in mice. <i>Inflammation</i> , 2014 , 37, 1826-36	5.1	37
93	Delivery system for mefenamic acid based on the nanocarrier layered double hydroxide: Physicochemical characterization and evaluation of anti-inflammatory and antinociceptive potential. <i>Materials Science and Engineering C</i> , 2016 , 58, 629-38	8.3	36
92	Anti-inflammatory effect of a sulphated polysaccharide fraction extracted from the red algae <i>Hypnea musciformis</i> via the suppression of neutrophil migration by the nitric oxide signalling pathway. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 724-33	4.8	36
91	Sulfated-polysaccharide fraction extracted from red algae <i>Gracilaria birdiae</i> ameliorates trinitrobenzenesulfonic acid-induced colitis in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 1161-70	4.8	35

90	Polysaccharide isolated from <i>Agardhiella ramosissima</i> : chemical structure and anti-inflammation activity. <i>Carbohydrate Polymers</i> , 2014 , 99, 59-67	10.3	34
89	Role of KATP channels and TRPV1 receptors in hydrogen sulfide-enhanced gastric emptying of liquid in awake mice. <i>European Journal of Pharmacology</i> , 2012 , 693, 57-63	5.3	30
88	Anti-inflammatory effect of the monoterpene myrtenol is dependent on the direct modulation of neutrophil migration and oxidative stress. <i>Chemico-Biological Interactions</i> , 2017 , 273, 73-81	5	29
87	Carvacrol reduces irinotecan-induced intestinal mucositis through inhibition of inflammation and oxidative damage via TRPA1 receptor activation. <i>Chemico-Biological Interactions</i> , 2016 , 260, 129-140	5	29
86	Decrease of Pericytes is Associated With Liver Disease Caused by Ligature-Induced Periodontitis in Rats. <i>Journal of Periodontology</i> , 2017 , 88, e49-e57	4.6	29
85	Role of soluble guanylate cyclase activation in the gastroprotective effect of the HO-1/CO pathway against alendronate-induced gastric damage in rats. <i>European Journal of Pharmacology</i> , 2013 , 700, 51-9	5.3	28
84	The hydrogen sulfide donor, Lawesson's reagent, prevents alendronate-induced gastric damage in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 708-14	2.8	28
83	Polysaccharide fraction isolated from <i>Passiflora edulis</i> inhibits the inflammatory response and the oxidative stress in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 1017-27	4.8	27
82	A sulfated-polysaccharide fraction from seaweed <i>Gracilaria birdiae</i> prevents naproxen-induced gastrointestinal damage in rats. <i>Marine Drugs</i> , 2012 , 10, 2618-33	6	27
81	Periodontitis changes renal structures by oxidative stress and lipid peroxidation. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 568-576	7.7	25
80	Lycopene rich extract from red guava (<i>Psidium guajava</i> L.) displays anti-inflammatory and antioxidant profile by reducing suggestive hallmarks of acute inflammatory response in mice. <i>Food Research International</i> , 2017 , 99, 959-968	7	24
79	Steatosis caused by experimental periodontitis is reversible after removal of ligature in rats. <i>Journal of Periodontal Research</i> , 2017 , 52, 883-892	4.3	23
78	Evidence that d-cysteine protects mice from gastric damage via hydrogen sulfide produced by d-amino acid oxidase. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 64, 1-6	5	22
77	Alendronate induces gastric damage by reducing nitric oxide synthase expression and NO/cGMP/K(ATP) signaling pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 40, 22-30	5	22
76	Role of the NO/KATP pathway in the protective effect of a sulfated-polysaccharide fraction from the algae <i>Hypnea musciformis</i> against ethanol-induced gastric damage in mice. <i>Revista Brasileira De Farmacognosia</i> , 2013 , 23, 320-328	2	22
75	Preventive effect of bergenin against the development of TNBS-induced acute colitis in rats is associated with inflammatory mediators inhibition and NLRP3/ASC inflammasome signaling pathways. <i>Chemico-Biological Interactions</i> , 2019 , 297, 25-33	5	22
74	Orabase formulation with cashew gum polysaccharide decreases inflammatory and bone loss hallmarks in experimental periodontitis. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 1093-1101	7.9	21
73	Polysaccharides isolated from <i>Digenea simplex</i> inhibit inflammatory and nociceptive responses. <i>Carbohydrate Polymers</i> , 2014 , 108, 17-25	10.3	21

72	The nitric oxide donor cis-[Ru(bpy) ₂ (SO ₃)NO](PF ₆) increases gastric mucosa protection in mice--involvement of the soluble guanylate cyclase/K(ATP) pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 45, 35-42	5	21
71	Lactobacillus reuteri DSM 17938 Protects against Gastric Damage Induced by Ethanol Administration in Mice: Role of TRPV1/Substance P Axis. <i>Nutrients</i> , 2019 , 11,	6.7	20
70	The efficacy of a sulphated polysaccharide fraction from Hypnea musciformis against diarrhea in rodents. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 865-75	7.9	20
69	Antidiarrheal activity of Eterpineol in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 110, 631-640	7.5	20
68	Physio-pharmacological Investigations About the Anti-inflammatory and Antinociceptive Efficacy of (+)-Limonene Epoxide. <i>Inflammation</i> , 2017 , 40, 511-522	5.1	19
67	Methyl-βcyclodextrin Inclusion Complex with βCaryophyllene: Preparation, Characterization, and Improvement of Pharmacological Activities. <i>ACS Omega</i> , 2017 , 2, 9080-9094	3.9	19
66	Sulphated Polysaccharide Isolated from the Seaweed Gracilaria caudata Exerts an Antidiarrhoeal Effect in Rodents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 440-8	3.1	18
65	Nitric Oxide and Hydrogen Sulfide Interact When Modulating Gastric Physiological Functions in Rodents. <i>Digestive Diseases and Sciences</i> , 2017 , 62, 93-104	4	18
64	Evaluation of antitumor potential of cashew gum extracted from Anacardium occidentale Linn. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 319-328	7.9	17
63	Riparin A, a compound from Aniba riparia, attenuate the inflammatory response by modulation of neutrophil migration. <i>Chemico-Biological Interactions</i> , 2015 , 229, 55-63	5	17
62	Anti-diarrhoeal therapeutic potential and safety assessment of sulphated polysaccharide fraction from Gracilaria intermedia seaweed in mice. <i>International Journal of Biological Macromolecules</i> , 2017 , 97, 34-45	7.9	16
61	Antidiarrheal activity of a novel sulfated polysaccharide from the red seaweed Gracilaria cervicornis. <i>Journal of Ethnopharmacology</i> , 2018 , 224, 27-35	5	16
60	AMPK activation promotes gastroprotection through mutual interaction with the gaseous mediators HS, NO, and CO. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 78, 60-71	5	15
59	Periodontitis causes abnormalities in the liver of rats. <i>Journal of Periodontology</i> , 2019 , 90, 295-305	4.6	14
58	Protective Effect of Cashew Gum (Anacardium occidentale L.) on 5-Fluorouracil-Induced Intestinal Mucositis. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	13
57	Diminazene aceturate, an angiotensin-converting enzyme II activator, prevents gastric mucosal damage in mice: Role of the angiotensin-(1-7)/Mas receptor axis. <i>Biochemical Pharmacology</i> , 2016 , 112, 50-9	6	13
56	Carvacryl acetate, a novel semisynthetic monoterpene ester, binds to the TRPA1 receptor and is effective in attenuating irinotecan-induced intestinal mucositis in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1773-1785	4.8	12
55	Immunohistochemical approach reveals localization of cystathionine-βlyase and cystathionine-βsynthetase in ethanol-induced gastric mucosa damage in mice. <i>Arquivos De Gastroenterologia</i> , 2013 , 50, 157-60	1.3	12

54	Laticifer proteins from <i>Plumeria pudica</i> inhibit the inflammatory and nociceptive responses by decreasing the action of inflammatory mediators and pro-inflammatory cytokines. <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 269-277	2	11
53	Premises among SARS-CoV-2, dysbiosis and diarrhea: Walking through the ACE2/mTOR/autophagy route. <i>Medical Hypotheses</i> , 2020 , 144, 110243	3.8	11
52	One or two ligatures inducing periodontitis are sufficient to cause fatty liver. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2018 , 23, e269-e276	2.6	11
51	Anticonvulsant effects of acute treatment with cyane-carvone at repeated oral doses in epilepsy models. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 124, 421-4	3.9	11
50	Evaluation of anti-inflammatory potential of aqueous extract and polysaccharide fraction of <i>Thuja occidentalis</i> Linn. in mice. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 1105-1116	7.9	11
49	Antifungal and anti-inflammatory potential of eschweilenol C-rich fraction derived from <i>Terminalia fagifolia</i> Mart. <i>Journal of Ethnopharmacology</i> , 2019 , 240, 111941	5	10
48	Sulfated polysaccharides from the marine algae <i>Gracilaria caudata</i> prevent tissue damage caused by ligature-induced periodontitis. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 1-8	7.9	10
47	High-fat diet aggravates the liver disease caused by periodontitis in rats. <i>Journal of Periodontology</i> , 2019 , 90, 1023-1031	4.6	10
46	Antioxidant and anti-inflammatory activities of methanol extract and its fractions from the brown seaweed <i>Spatoglossum schroederi</i> . <i>Journal of Applied Phycology</i> , 2015 , 27, 2367-2376	3.2	10
45	Epiisopiloturine hydrochloride, an imidazole alkaloid isolated from <i>Pilocarpus microphyllus</i> leaves, protects against naproxen-induced gastrointestinal damage in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 87, 188-195	7.5	9
44	Riparin B, a Synthetic Compound Analogue of Riparin, Inhibits the Systemic Inflammatory Response and Oxidative Stress in Mice. <i>Inflammation</i> , 2015 , 38, 2203-15	5.1	9
43	Chemical structure, anti-inflammatory and antinociceptive activities of a sulfated polysaccharide from <i>Gracilaria intermedia</i> algae. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 966-975	7.9	8
42	Novel Ocellatin Peptides Mitigate LPS-induced ROS Formation and NF-kB Activation in Microglia and Hippocampal Neurons. <i>Scientific Reports</i> , 2020 , 10, 2696	4.9	7
41	Biopolymer Extracted from (Red Angico Gum) Exerts Therapeutic Potential in Mice: Antidiarrheal Activity and Safety Assessment. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	7
40	Protective Effects of Simvastatin Against Alendronate-Induced Gastric Mucosal Injury in Rats. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 400-9	4	7
39	Anti-Inflammatory, Antinociceptive, and Antioxidant Properties of Anacardic Acid in Experimental Models. <i>ACS Omega</i> , 2020 , 5, 19506-19515	3.9	7
38	Inhibition of neutrophil migration and reduction of oxidative stress by ethyl p-coumarate in acute and chronic inflammatory models. <i>Phytomedicine</i> , 2019 , 57, 9-17	6.5	7
37	Antidiarrheal effects of water-soluble proteins from <i>Plumeria pudica</i> latex in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 1147-1154	7.5	7

36	Photobiomodulation reduces neutrophil migration and oxidative stress in mice with carrageenan-induced peritonitis. <i>Lasers in Medical Science</i> , 2018 , 33, 1983-1990	3.1	7
35	Topical application of cashew gum or chlorhexidine gel reduces overexpression of proinflammatory genes in experimental periodontitis. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 934-948	7.8	6
34	Cardiovascular Effect of Diosgenin in Ovariectomized Rats. <i>Journal of Medicinal Food</i> , 2019 , 22, 248-256	2.8	6
33	Topical protection of mice laryngeal mucosa using the natural product cashew gum. <i>Laryngoscope</i> , 2018 , 128, 1157-1162	3.6	6
32	Cashew gum, a biopolymer, topically protects oesophageal mucosa in non erosive reflux disease: A promising translational study. <i>Carbohydrate Polymers</i> , 2019 , 226, 115205	10.3	6
31	L-Glutamine and Physical Exercise Prevent Intestinal Inflammation and Oxidative Stress Without Improving Gastric Dysmotility in Rats with Ulcerative Colitis. <i>Inflammation</i> , 2021 , 44, 617-632	5.1	6
30	EPhellandrene attenuates tissular damage, oxidative stress, and TNF- α levels on acute model ifosfamide-induced hemorrhagic cystitis in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 1835-1848	3.4	5
29	Sulfated polysaccharide from <i>Gracilaria caudata</i> reduces hypernociception and inflammatory response during arthritis in rodents. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 1061-1069	7.9	5
28	HS is a key antisecretory molecule against cholera toxin-induced diarrhoea in mice: Evidence for non-involvement of the AC/cAMP/PKA pathway and AMPK. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 76, 152-163	5	5
27	Cyane-carvone, a synthetic derivative of carvone, inhibits inflammatory response by reducing cytokine production and oxidative stress and shows antinociceptive effect in mice. <i>Inflammation</i> , 2014 , 37, 966-77	5.1	5
26	Role of capsaicin-sensitive primary afferent neurons and non-protein sulphhydryl groups on gastroprotective effect of amifostine against ethanol-induced gastric damage in rats. <i>Digestive Diseases and Sciences</i> , 2011 , 56, 314-22	4	5
25	Anti-inflammatory properties of bergenin in mice. <i>Journal of Applied Pharmaceutical Science</i> , 2019 , 9, 69-77	2	5
24	Alendronate-induced gastric damage in normoglycemic and hyperglycemic rats is reversed by metformin. <i>European Journal of Pharmacology</i> , 2019 , 856, 172410	5.3	4
23	Laryngeal Mucosa Alterations in Mice Model of Gastroesophageal Reflux: Effects of Topical Protection. <i>Laryngoscope</i> , 2020 , 130, E889-E895	3.6	4
22	Bergenin from <i>Peltophorum dubium</i> : Isolation, Characterization, and Antioxidant Activities in Non-Biological Systems and Erythrocytes. <i>Medicinal Chemistry</i> , 2017 , 13, 592-603	1.8	4
21	Involvement of the NO/cGMP/PKG/KATP pathway and endogenous opioids in the antinociceptive effect of a sulphated-polysaccharide fraction extracted from the red algae, <i>Gracilaria caudata</i> . <i>Biomedicine and Preventive Nutrition</i> , 2012 , 2, 303-309		4
20	Lipopolysaccharide from <i>Escherichia coli</i> prevents indomethacin-induced gastric damage in rats: role of non-protein sulphhydryl groups and leukocyte adherence. <i>Inflammation Research</i> , 2009 , 58, 717-23	7.2	4
19	The anti-inflammatory and antinociceptive effects of proteins extracted from <i>Acacia farnesiana</i> seeds. <i>Revista Brasileira De Plantas Mediciniais</i> , 2016 , 18, 38-47		4

18	Anti-inflammatory and antioxidant activity improvement of lycopene from guava on nanoemulsifying system. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 760-770	1.5	4
17	Topical Protection of Human Oesophageal Mucosal Integrity By the Cashew Gum, a Natural Polymer Obtained from a Brazilian Northeastern Tree (<i>Anacardium Occidentale</i> L.). <i>Gastroenterology</i> , 2017 , 152, S460-S461	13.3	3
16	Antidiarrheal activity of farnesol in rodents: Pharmacological actions and molecular docking. <i>European Journal of Pharmacology</i> , 2020 , 874, 172986	5.3	3
15	A comprehensive review of therapeutic approaches available for the treatment of cholera. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1715-1731	4.8	3
14	Photobiomodulation exerts anti-inflammatory effects on the vascular and cellular phases of experimental inflammatory models. <i>Lasers in Medical Science</i> , 2021 , 1	3.1	2
13	Activation of transient receptor potential vanilloid channel 4 contributes to the development of ethanol-induced gastric injury in mice. <i>European Journal of Pharmacology</i> , 2021 , 902, 174113	5.3	2
12	Alpha-terpineol complexed with beta-cyclodextrin reduces damages caused by periodontitis in rats. <i>Journal of Periodontal Research</i> , 2020 , 55, 877-886	4.3	1
11	MODULATORY ROLE OF CARBON MONOXIDE ON THE INFLAMMATORY RESPONSE AND OXIDATIVE STRESS LINKED TO GASTROINTESTINAL DISORDERS. <i>Antioxidants and Redox Signaling</i> , 2021 ,	8.4	1
10	Moderate Physical Exercise Activates ATR Receptors, Improving Inflammation and Oxidative Stress in the Duodenum of 2K1C Hypertensive Rats. <i>Frontiers in Physiology</i> , 2021 , 12, 734038	4.6	1
9	Anti-diarrheal therapeutic potential of diminazene aceturate stimulation of the ACE II/Ang-(1-7)/Mas receptor axis in mice: A trial study. <i>Biochemical Pharmacology</i> , 2021 , 186, 114500	6	1
8	The effect of pilates on metabolic control and oxidative stress of diabetics type 2 - A randomized controlled clinical trial. <i>Journal of Bodywork and Movement Therapies</i> , 2021 , 27, 60-66	1.6	1
7	Anti-inflammatory effect of L-cysteine (a semi-essential amino acid) on 5-FU-induced oral mucositis in hamsters. <i>Amino Acids</i> , 2021 , 53, 1415-1430	3.5	1
6	Mechanism of preservation of the intestinal mucosa architecture and NF- κ B/PGE2 reduction by hydrogen sulfide on cholera toxin-induced diarrhea in mice. <i>Life Sciences</i> , 2021 , 284, 119869	6.8	1
5	Renal alterations caused by ligature-induced periodontitis persist after ligature removal in rats. <i>Journal of Periodontal Research</i> , 2021 , 56, 306-313	4.3	0
4	Alendronate sodium-polymeric nanoparticles display low toxicity in gastric mucosal of rats and Ofcol II cells.. <i>NanoImpact</i> , 2021 , 24, 100355	5.6	0
3	BR-bombesin: a novel bombesin-related peptide from the skin secretion of the Chaco tree frog (<i>Boana raniceps</i>) with physiological gastric effects.. <i>Amino Acids</i> , 2022 , 1	3.5	0
2	Efficacy of a phenol derivative, isopropyl vanillate, as an anti-inflammatory agent: A new small molecule inhibitor of COX and neutrophil migration. <i>Drug Development Research</i> , 2019 , 80, 666-679	5.1	
1	Episopiloturine protected intestinal mucosa from modifications morphological induced by 5-fluorouracil in mice: The role of cyclooxygenase-2. <i>FASEB Journal</i> , 2019 , 33, 767.34	0.9	

