

# Pedro M G Soares

## List of Publications by Citations

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92  
papers

2,193  
citations

28  
h-index

42  
g-index

94  
ext. papers

2,599  
ext. citations

4.8  
avg, IF

4.43  
L-index

#	Paper	IF	Citations
92	Structure-guided design and optimization of small molecules targeting the protein-protein interaction between the von Hippel-Lindau (VHL) E3 ubiquitin ligase and the hypoxia inducible factor (HIF) alpha subunit with in vitro nanomolar affinities. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 8657-63	8.3	194
91	Gastrointestinal dysmotility in 5-fluorouracil-induced intestinal mucositis outlasts inflammatory process resolution. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2008</b> , 63, 91-8	3.5	99
90	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> , <b>2008</b> , 153, 721-7	8.6	82
89	Role of cytokines (TNF-alpha, IL-1beta and KC) in the pathogenesis of CPT-11-induced intestinal mucositis in mice: effect of pentoxifylline and thalidomide. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2008</b> , 61, 775-84	3.5	80
88	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> , <b>2009</b> , 330, 764-70	4.7	77
87	Treatment with <i>Saccharomyces boulardii</i> reduces the inflammation and dysfunction of the gastrointestinal tract in 5-fluorouracil-induced intestinal mucositis in mice. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 1611-21	3.6	69
86	Group-Based Optimization of Potent and Cell-Active Inhibitors of the von Hippel-Lindau (VHL) E3 Ubiquitin Ligase: Structure-Activity Relationships Leading to the Chemical Probe (2S,4R)-1-((S)-2-(1-Cyanocyclopropanecarboxamido)-3,3-dimethylbutanoyl)-4-hydroxy-N-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 1100-110	8.3	67
85	(-)-Ebisabolol-induced gastroprotection is associated with reduction in lipid peroxidation, superoxide dismutase activity and neutrophil migration. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 44, 455-61	5.1	61
84	Regulatory role of <i>Lactobacillus acidophilus</i> on inflammation and gastric dysmotility in intestinal mucositis induced by 5-fluorouracil in mice. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2015</b> , 75, 559-67	3.5	56
83	Inhaled 1,8-cineole reduces inflammatory parameters in airways of ovalbumin-challenged Guinea pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2011</b> , 108, 34-9	3.1	54
82	Evaluation of mucositis induced by irinotecan after microbial colonization in germ-free mice. <i>Microbiology (United Kingdom)</i> , <b>2015</b> , 161, 1950-1960	2.9	54
81	Inflammatory intestinal damage induced by 5-fluorouracil requires IL-4. <i>Cytokine</i> , <b>2013</b> , 61, 46-9	4	49
80	Effects of anethole and structural analogues on the contractility of rat isolated aorta: Involvement of voltage-dependent Ca <sup>2+</sup> -channels. <i>Life Sciences</i> , <b>2007</b> , 81, 1085-93	6.8	47
79	Antioxidant therapy: still in search of the magic bullet? <i>Mitochondrion</i> , <b>2013</b> , 13, 427-35	4.9	43
78	Mechanisms involved in the gastroprotective activity of esculin on acute gastric lesions in mice. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 246-54	5	42
77	Sulfated polysaccharide fraction from marine algae <i>Solieria filiformis</i> : Structural characterization, gastroprotective and antioxidant effects. <i>Carbohydrate Polymers</i> , <b>2016</b> , 152, 140-148	10.3	41
76	Oxidative stress in acute pancreatitis: lost in translation?. <i>Free Radical Research</i> , <b>2013</b> , 47, 917-33	4	36

75	Antispasmodic effect of <i>Mentha piperita</i> essential oil on tracheal smooth muscle of rats. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 130, 433-6	5	36
74	Fine-tuning of the hydrophobicity of caffeic acid: studies on the antimicrobial activity against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>RSC Advances</i> , <b>2015</b> , 5, 53915-53925	3.7	35
73	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> , <b>2014</b> , 66, 1161-70	4.8	35
72	Comparative study of the anti-edematogenic effects of anethole and estragole. <i>Pharmacological Reports</i> , <b>2012</b> , 64, 984-90	3.9	35
71	Sulfated polysaccharide from the marine algae <i>Hypnea musciformis</i> inhibits TNBS-induced intestinal damage in rats. <i>Carbohydrate Polymers</i> , <b>2016</b> , 151, 957-964	10.3	34
70	Development of a Mitochondriotropic Antioxidant Based on Caffeic Acid: Proof of Concept on Cellular and Mitochondrial Oxidative Stress Models. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7084-7098	8.3	34
69	Role of platelet-activating factor in the pathogenesis of 5-fluorouracil-induced intestinal mucositis in mice. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 68, 713-20	3.5	32
68	<i>Vatairea macrocarpa</i> lectin induces paw edema with leukocyte infiltration. <i>Protein and Peptide Letters</i> , <b>2004</b> , 11, 195-200	1.9	31
67	Protective effects of fucoidan, a P- and L-selectin inhibitor, in murine acute pancreatitis. <i>Pancreas</i> , <b>2014</b> , 43, 82-7	2.6	30
66	Role of KATP channels and TRPV1 receptors in hydrogen sulfide-enhanced gastric emptying of liquid in awake mice. <i>European Journal of Pharmacology</i> , <b>2012</b> , 693, 57-63	5.3	30
65	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> , <b>2013</b> , 700, 51-9	5.3	28
64	The hydrogen sulfide donor, Lawesson's reagent, prevents alendronate-induced gastric damage in rats. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2013</b> , 46, 708-14	2.8	28
63	Red propolis ameliorates ischemic-reperfusion acute kidney injury. <i>Phytomedicine</i> , <b>2015</b> , 22, 787-95	6.5	27
62	A sulfated-polysaccharide fraction from seaweed <i>Gracilaria birdiae</i> prevents naproxen-induced gastrointestinal damage in rats. <i>Marine Drugs</i> , <b>2012</b> , 10, 2618-33	6	27
61	Crystal structure of <i>Dioclea violacea</i> lectin and a comparative study of vasorelaxant properties with <i>Dioclea rostrata</i> lectin. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2013</b> , 45, 807-15	5.6	25
60	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. <i>Toxicology</i> , <b>2018</b> , 393, 123-139	4.4	25
59	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> , <b>2017</b> , 99, 959-968	7	24
58	Rational discovery and development of a mitochondria-targeted antioxidant based on cinnamic acid scaffold. <i>Free Radical Research</i> , <b>2012</b> , 46, 600-11	4	23

57	Alendronate induces gastric damage by reducing nitric oxide synthase expression and NO/cGMP/K(ATP) signaling pathway. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2014</b> , 40, 22-30	5	22
56	The nitric oxide donor cis-[Ru(bpy) <sub>2</sub> (SO <sub>3</sub> )NO](PF <sub>6</sub> ) increases gastric mucosa protection in mice--involvement of the soluble guanylate cyclase/K(ATP) pathway. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2015</b> , 45, 35-42	5	21
55	Microwave-Assisted Synthesis of 5-Phenyl-2-hydroxyacetophenone Derivatives by a Green Suzuki Coupling Reaction. <i>Journal of Chemical Education</i> , <b>2015</b> , 92, 575-578	2.4	20
54	New di(hetero)arylethers and di(hetero)arylamines in the thieno[3,2-b]pyridine series: synthesis, growth inhibitory activity on human tumor cell lines and non-tumor cells, effects on cell cycle and on programmed cell death. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 69, 855-62	6.8	19
53	Effects of 5-fluorouracil in nuclear and cellular morphology, proliferation, cell cycle, apoptosis, cytoskeletal and caveolar distribution in primary cultures of smooth muscle cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e63177	3.7	19
52	Inhibitory effects of the essential oil of <i>Mentha pulegium</i> on the isolated rat myometrium. <i>Planta Medica</i> , <b>2005</b> , 71, 214-8	3.1	19
51	Nitric Oxide and Hydrogen Sulfide Interact When Modulating Gastric Physiological Functions in Rodents. <i>Digestive Diseases and Sciences</i> , <b>2017</b> , 62, 93-104	4	18
50	Polysaccharides derived from <i>Morinda citrifolia</i> Linn reduce inflammatory markers during experimental colitis. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 248, 112303	5	18
49	Role of TRPV1 receptor in inflammation and impairment of esophageal mucosal integrity in a murine model of nonerosive reflux disease. <i>Neurogastroenterology and Motility</i> , <b>2018</b> , 30, e13340	4	16
48	A novel N-acetyl-glucosamine lectin of <i>Lonchocarpus araripensis</i> attenuates acute cellular inflammation in mice. <i>Inflammation Research</i> , <b>2016</b> , 65, 43-52	7.2	16
47	Gastroprotective activity of <i>Zanthoxylum rhoifolium</i> Lam. in animal models. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 700-8	5	16
46	Temporal variation of chemical composition and relaxant action of the essential oil of <i>Ocimum gratissimum</i> L. (Labiatae) on guinea-pig ileum. <i>Phytomedicine</i> , <b>2005</b> , 12, 506-9	6.5	16
45	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111770	6.8	16
44	Nanotechnology and antioxidant therapy: an emerging approach for neurodegenerative diseases. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 4311-27	4.3	15
43	Gabapentin attenuates intestinal inflammation: Role of PPAR-gamma receptor. <i>European Journal of Pharmacology</i> , <b>2020</b> , 873, 172974	5.3	13
42	Probiotic mixture containing and attenuates 5-fluorouracil-induced intestinal mucositis in mice. <i>Nutrition and Cancer</i> , <b>2020</b> , 72, 1355-1365	2.8	13
41	Immunohistochemical approach reveals localization of cystathionine-β-lyase and cystathionine-β-synthetase in ethanol-induced gastric mucosa damage in mice. <i>Arquivos De Gastroenterologia</i> , <b>2013</b> , 50, 157-60	1.3	12
40	Modulation of 5-fluorouracil activation of toll-like/MyD88/NF-β/MAPK pathway by <i>Saccharomyces boulardii</i> CNCM I-745 probiotic. <i>Cytokine</i> , <b>2020</b> , 125, 154791	4	12

39	Galactomannan from the seeds of <i>Caesalpinia pulcherrima</i> prevents indomethacin-induced gastrointestinal damage via neutrophil migration. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 141, 68-75	7.9	11
38	Amifostine (Wr-2721) prevents indomethacin-induced gastric damage in rats: role of non-protein sulfhydryl groups and leukocyte adherence. <i>Digestive Diseases and Sciences</i> , <b>2007</b> , 52, 119-25	4	11
37	Relaxant effects of the essential oil of <i>Mentha pulegium</i> L. in rat isolated trachea and urinary bladder. <i>Journal of Pharmacy and Pharmacology</i> , <b>2012</b> , 64, 1777-84	4.8	10
36	The role of endothelium in the vasorelaxant effects of the essential oil of <i>Ocimum gratissimum</i> in aorta and mesenteric vascular bed of rats. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2012</b> , 90, 1380-5	2.4	10
35	Monocrotaline: histological damage and oxidant activity in brain areas of mice. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2012</b> , 2012, 697541	6.7	10
34	Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 926-937	2.9	10
33	Methotrexate-induced intestinal mucositis delays gastric emptying and gastrointestinal transit of liquids in awake rats. <i>Arquivos De Gastroenterologia</i> , <b>2011</b> , 48, 80-5	1.3	9
32	Thioamide substitution to probe the hydroxyproline recognition of VHL ligands. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 2992-2995	3.4	8
31	Vascular smooth muscle relaxation by a lectin from <i>Pisum arvense</i> : evidences of endothelial NOS pathway. <i>Protein and Peptide Letters</i> , <b>2011</b> , 18, 1107-11	1.9	8
30	Sulfated polysaccharide extracted from seaweed <i>Gracilaria caudata</i> attenuates acetic acid-induced ulcerative colitis. <i>Food Hydrocolloids</i> , <b>2021</b> , 111, 106221	10.6	8
29	A novel murine model of esophageal nonerosive reflux disease: from inflammation to impairment in mucosal integrity. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 312, G658-G665	5.1	7
28	Implementation and impact of an audit and feedback antimicrobial stewardship intervention in the orthopaedics department of a tertiary-care hospital: a controlled interrupted time series study. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 925-931	14.3	7
27	Protective Effects of Simvastatin Against Alendronate-Induced Gastric Mucosal Injury in Rats. <i>Digestive Diseases and Sciences</i> , <b>2016</b> , 61, 400-9	4	7
26	<i>Ximenia americana</i> heteropolysaccharides ameliorate inflammation and visceral hypernociception in murine caerulein-induced acute pancreatitis: Involvement of CB2 receptors. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 106, 1317-1324	7.5	7
25	Topical protection of mice laryngeal mucosa using the natural product cashew gum. <i>Laryngoscope</i> , <b>2018</b> , 128, 1157-1162	3.6	6
24	Cashew gum, a biopolymer, topically protects oesophageal mucosa in non erosive reflux disease: A promising translational study. <i>Carbohydrate Polymers</i> , <b>2019</b> , 226, 115205	10.3	6
23	The galactose-binding lectin isolated from <i>Bauhinia bauhinioides</i> Mart seeds inhibits neutrophil rolling and adhesion via primary cytokines. <i>Journal of Molecular Recognition</i> , <b>2015</b> , 28, 285-92	2.6	6
22	Effects of chloride channel blockers on hypotonicity-induced contractions of the rat trachea. <i>British Journal of Pharmacology</i> , <b>2004</b> , 141, 367-73	8.6	6

21	Morinda citrifolia lipid transfer protein 1 exhibits anti-inflammatory activity by modulation of pro- and anti-inflammatory cytokines. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 103, 1121-1129	7.9	5
20	Gastroprotective effects of N-acylarylhydrazone derivatives on ethanol-induced gastric lesions in mice are dependent on the NO/cGMP/K pathway. <i>Biochemical Pharmacology</i> , <b>2019</b> , 169, 113629	6	5
19	Sulfated polysaccharide from Gracilaria caudata reduces hypernociception and inflammatory response during arthritis in rodents. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 1061-1069	7.0	5
18	Synthesis of 6-aryl/heteroaryl-4-oxo-4H-chromene-2-carboxylic ethyl ester derivatives. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 3006-3010	2	5
17	Prevalence of abacavir-associated hypersensitivity syndrome and HLA-B*5701 allele in a Portuguese HIV-positive population. <i>Porto Biomedical Journal</i> , <b>2017</b> , 2, 59-62	1.1	4
16	Bryothamnion seaforthii lectin relaxes vascular smooth muscle: involvement of endothelium and NO synthase. <i>Protein and Peptide Letters</i> , <b>2010</b> , 17, 305-10	1.9	4
15	The polysaccharide-rich tea of Ximenia americana barks prevents indomethacin-induced gastrointestinal damage via neutrophil inhibition. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 224, 195-201	5	4
14	Macromolecule extracted from Gracilaria caudata reduces inflammation and restores hepatic function in nimesulide-induced hepatic damage. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 1511-1520	3.2	3
13	LASSBio-596 protects gastric mucosa against the development of ethanol-induced gastric lesions in mice. <i>European Journal of Pharmacology</i> , <b>2019</b> , 863, 172662	5.3	3
12	Effect of Remote Ischemic Preconditioning on Systemic Toxicity and Ototoxicity Induced by Cisplatin in Rats: Role of TNF- $\alpha$ and Nitric Oxide. <i>Orl</i> , <b>2017</b> , 79, 336-346	2	3
11	The Alpha-Lipoic Acid Improves Survival and Prevents Irinotecan-Induced Inflammation and Intestinal Dysmotility in Mice. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	2
10	Sulfated Polysaccharide from Digenea simplex Decreases Intestinal Inflammation in Rats. <i>Revista Brasileira De Farmacognosia</i> , <b>2020</b> , 30, 388-396	2	2
9	Polysaccharide from Gracilaria caudata protects the human esophageal mucosal barrier: A differential topical effect and structural dependence. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 354-361	7.9	2
8	McN-A-343, a muscarinic agonist, reduces inflammation and oxidative stress in an experimental model of ulcerative colitis. <i>Life Sciences</i> , <b>2021</b> , 272, 119194	6.8	2
7	Euterpe oleracea Mart. (AB) attenuates experimental colitis in rats: involvement of TLR4/COX-2/NF- $\kappa$ B. <i>Inflammopharmacology</i> , <b>2021</b> , 29, 193-204	5.1	2
6	Colitis generates remote antinociception in rats: the role of the L-arginine/NO/cGMP/PKG/KATP pathway and involvement of cannabinoid and opioid systems. <i>Inflammation Research</i> , <b>2014</b> , 63, 969-77	7.2	1
5	MODULATORY ROLE OF CARBON MONOXIDE ON THE INFLAMMATORY RESPONSE AND OXIDATIVE STRESS LINKED TO GASTROINTESTINAL DISORDERS. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> ,	8.4	1
4	Polysaccharide extract of Mimosa tenuiflora stem barks stimulates acute inflammatory response via nitric oxide. <i>Acta Scientiarum - Biological Sciences</i> , <b>2016</b> , 38, 473	0.3	1

3	Effects of passive inhalation of cigarette smoke on structural and functional parameters in the respiratory system of guinea pigs. <i>Jornal Brasileiro De Pneumologia</i> , <b>2016</b> , 42, 333-340	1.1	1
2	Anti-inflammatory and anti-necrotic effects of lectins from <i>Canavalia ensiformis</i> and <i>Canavalia brasiliensis</i> in experimental acute pancreatitis.. <i>Glycoconjugate Journal</i> , <b>2022</b> , 1	3	0
1	Calcium-dependent relaxant effect of carvacrol on gastric fundus smooth muscle. <i>FASEB Journal</i> , <b>2018</b> , 32, lb362	0.9	