# Pedro M G Soares

List of Publications by Year
in descending order

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|---|---|---|---|
| 93<br>papers | 2,964<br>citations | 147786<br>31<br>h-index | 189881<br>50<br>g-index |
| 94<br>all docs | 94<br>docs citations | 94<br>times ranked | 4501<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structure-Guided Design and Optimization of Small Molecules Targeting the Proteinâ€“Protein Interaction between the von Hippelâ€“Lindau (VHL) E3 Ubiquitin Ligase and the Hypoxia Inducible Factor (HIF) Alpha Subunit with in Vitro Nanomolar Affinities. Journal of Medicinal Chemistry, 2014, 57, 8657-8663. | 6.4 | 287 |
| 2 | Gastrointestinal dysmotility in 5-fluorouracil-induced intestinal mucositis outlasts inflammatory process resolution. Cancer Chemotherapy and Pharmacology, 2008, 63, 91-98. | 2.3 | 120 |
| 3 | Group-Based Optimization of Potent and Cell-Active Inhibitors of the von Hippelâ€“Lindau (VHL) E3 Ubiquitin Ligase: Structureâ€“Activity Relationships Leading to the Chemical Probe (2S,4R)-1-((S)-2-(1-Cyanocyclopropanecarboxamido)-3,3-dimethylbutanoyl)-4-hydroxy-N-(4-(4-methylthiazol (VH298). Journal of Medicinal Chemistry, 2018, 61, 599-618. | 6.4 | 106 |
| 4 | Role of cytokines (TNF-Î±, IL-1Î² and KC) in the pathogenesis of CPT-11-induced intestinal mucositis in mice: effect of pentoxifylline and thalidomide. Cancer Chemotherapy and Pharmacology, 2008, 61, 775-784. | 2.3 | 104 |
| 5 | Role of the NO/cGMP/K<sub>ATP</sub> pathway in the protective effects of sildenafil against ethanolâ€induced gastric damage in rats. British Journal of Pharmacology, 2008, 153, 721-727. | 5.4 | 92 |
| 6 | Hydrogen Sulfide Prevents Ethanol-Induced Gastric Damage in Mice: Role of ATP-Sensitive Potassium Channels and Capsaicin-Sensitive Primary Afferent Neurons. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 764-770. | 2.5 | 85 |
| 7 | Treatment withSaccharomyces boulardiireduces the inflammation and dysfunction of the gastrointestinal tract in 5-fluorouracil-induced intestinal mucositis in mice. British Journal of Nutrition, 2014, 111, 1611-1621. | 2.3 | 85 |
| 8 | Regulatory role of Lactobacillus acidophilus on inflammation and gastric dysmotility in intestinal mucositis induced by 5-fluorouracil in mice. Cancer Chemotherapy and Pharmacology, 2015, 75, 559-567. | 2.3 | 78 |
| 9 | (â^')-Î±-Bisabolol-induced gastroprotection is associated with reduction in lipid peroxidation, superoxide dismutase activity and neutrophil migration. European Journal of Pharmaceutical Sciences, 2011, 44, 455-461. | 4.0 | 74 |
| 10 | Inhaled 1,8-Cineole Reduces Inflammatory Parameters in Airways of Ovalbumin-Challenged Guinea Pigs. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 34-39. | 2.5 | 69 |
| 11 | Evaluation of mucositis induced by irinotecan after microbial colonization in germ-free mice. Microbiology (United Kingdom), 2015, 161, 1950-1960. | 1.8 | 67 |
| 12 | Inflammatory intestinal damage induced by 5-fluorouracil requires IL-4. Cytokine, 2013, 61, 46-49. | 3.2 | 66 |
| 13 | Sulfated polysaccharide fraction from marine algae Solieria filiformis : Structural characterization, gastroprotective and antioxidant effects. Carbohydrate Polymers, 2016, 152, 140-148. | 10.2 | 57 |
| 14 | Antispasmodic effect of Mentha piperita essential oil on tracheal smooth muscle of rats. Journal of Ethnopharmacology, 2010, 130, 433-436. | 4.1 | 53 |
| 15 | Effects of anethole and structural analogues on the contractility of rat isolated aorta: Involvement of voltage-dependent Ca2+-channels. Life Sciences, 2007, 81, 1085-1093. | 4.3 | 52 |
| 16 | Oxidative stress in acute pancreatitis: lost in translation?. Free Radical Research, 2013, 47, 917-933. | 3.3 | 51 |
| 17 | Mechanisms involved in the gastroprotective activity of esculin on acute gastric lesions in mice. Chemico-Biological Interactions, 2010, 188, 246-254. | 4.0 | 50 |
| 18 | Comparative study of the anti-edematogenic effects of anethole and estragole. Pharmacological Reports, 2012, 64, 984-990. | 3.3 | 50 |

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|---|---|---|---|
| 19 | Antioxidant therapy: Still in search of the â€˜magic bulletâ€™. Mitochondrion, 2013, 13, 427-435. | 3.4 | 49 |
| 20 | Lycopene rich extract from red guava ( Psidium guajava L.) displays anti-inflammatory and antioxidant profile by reducing suggestive hallmarks of acute inflammatory response in mice. Food Research International, 2017, 99, 959-968. | 6.2 | 48 |
| 21 | Development of a Mitochondriotropic Antioxidant Based on Caffeic Acid: Proof of Concept on Cellular and Mitochondrial Oxidative Stress Models. Journal of Medicinal Chemistry, 2017, 60, 7084-7098. | 6.4 | 47 |
| 22 | Sulfated polysaccharide from the marine algae Hypnea musciformis inhibits TNBS-induced intestinal damage in rats. Carbohydrate Polymers, 2016, 151, 957-964. | 10.2 | 44 |
| 23 | Fine-tuning of the hydrophobicity of caffeic acid: studies on the antimicrobial activity against Staphylococcus aureus and Escherichia coli. RSC Advances, 2015, 5, 53915-53925. | 3.6 | 43 |
| 24 | Sulfated-polysaccharide fraction extracted from red algae Gracilaria birdiae ameliorates trinitrobenzenesulfonic acid-induced colitis in rats. Journal of Pharmacy and Pharmacology, 2014, 66, 1161-1170. | 2.4 | 42 |
| 25 | Protective Effects of Fucoidan, a P- and L-Selectin Inhibitor, in Murine Acute Pancreatitis. Pancreas, 2014, 43, 82-87. | 1.1 | 41 |
| 26 | Polysaccharides derived from Morinda citrifolia Linn reduce inflammatory markers during experimental colitis. Journal of Ethnopharmacology, 2020, 248, 112303. | 4.1 | 38 |
| 27 | Role of platelet-activating factor in the pathogenesis of 5-fluorouracil-induced intestinal mucositis in mice. Cancer Chemotherapy and Pharmacology, 2011, 68, 713-720. | 2.3 | 37 |
| 28 | Role of KATP channels and TRPV1 receptors in hydrogen sulfide-enhanced gastric emptying of liquid in awake mice. European Journal of Pharmacology, 2012, 693, 57-63. | 3.5 | 37 |
| 29 | Red propolis ameliorates ischemic-reperfusion acute kidney injury. Phytomedicine, 2015, 22, 787-795. | 5.3 | 36 |
| 30 | A Sulfated-Polysaccharide Fraction from Seaweed Gracilaria birdiae Prevents Naproxen-Induced Gastrointestinal Damage in Rats. Marine Drugs, 2012, 10, 2618-2633. | 4.6 | 35 |
| 31 | Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. Toxicology, 2018, 393, 123-139. | 4.2 | 35 |
| 32 | Rational discovery and development of a mitochondria-targeted antioxidant based on cinnamic acid scaffold. Free Radical Research, 2012, 46, 600-611. | 3.3 | 33 |
| 33 | The hydrogen sulfide donor, Lawesson's reagent, prevents alendronate-induced gastric damage in rats. Brazilian Journal of Medical and Biological Research, 2013, 46, 708-714. | 1.5 | 33 |
| 34 | Probiotic mixture containing Lactobacillus spp. and Bifidobacterium spp. attenuates 5-fluorouracil-induced intestinal mucositis in mice. Nutrition and Cancer, 2020, 72, 1355-1365. | 2.0 | 32 |
| 35 | Role of soluble guanylate cyclase activation in the gastroprotective effect of the HO-1/CO pathway against alendronate-induced gastric damage in rats. European Journal of Pharmacology, 2013, 700, 51-59. | 3.5 | 31 |
| 36 | Vatairea Macrocarpa Lectin Induces Paw Edema With Leukocyte Infiltration.. Protein and Peptide Letters, 2004, 11, 195-200. | 0.9 | 31 |

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|---|---|---|---|
| 37 | Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. European Journal of Medicinal Chemistry, 2020, 185, 111770. | 5.5 | 30 |
| 38 | Alendronate induces gastric damage by reducing nitric oxide synthase expression and NO/cGMP/KATP signaling pathway. Nitric Oxide - Biology and Chemistry, 2014, 40, 22-30. | 2.7 | 29 |
| 39 | Gabapentin attenuates intestinal inflammation: Role of PPAR-gamma receptor. European Journal of Pharmacology, 2020, 873, 172974. | 3.5 | 29 |
| 40 | Crystal structure of Dioclea violacea lectin and a comparative study of vasorelaxant properties with Dioclea rostrata lectin. International Journal of Biochemistry and Cell Biology, 2013, 45, 807-815. | 2.8 | 28 |
| 41 | The nitric oxide donor cis-[Ru(bpy)2(SO3)NO](PF6) increases gastric mucosa protection in mice â€“ Involvement of the soluble guanylate cyclase/KATP pathway. Nitric Oxide - Biology and Chemistry, 2015, 45, 35-42. | 2.7 | 26 |
| 42 | Gastroprotective activity of Zanthoxylum rhoifolium Lam. in animal models. Journal of Ethnopharmacology, 2011, 137, 700-708. | 4.1 | 25 |
| 43 | Effects of 5-Fluorouracil in Nuclear and Cellular Morphology, Proliferation, Cell Cycle, Apoptosis, Cytoskeletal and Caveolar Distribution in Primary Cultures of Smooth Muscle Cells. PLoS ONE, 2013, 8, e63177. | 2.5 | 25 |
| 44 | Nitric Oxide and Hydrogen Sulfide Interact When Modulating Gastric Physiological Functions in Rodents. Digestive Diseases and Sciences, 2017, 62, 93-104. | 2.3 | 25 |
| 45 | Modulation of 5-fluorouracil activation of toll-like/MyD88/NF-ÎºB/MAPK pathway by Saccharomyces boulardii CNCM I-745 probiotic. Cytokine, 2020, 125, 154791. | 3.2 | 25 |
| 46 | Inhibitory Effects of the Essential Oil ofMentha pulegiumon the Isolated Rat Myometrium. Planta Medica, 2005, 71, 214-218. | 1.3 | 23 |
| 47 | 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. European Journal of Medicinal Chemistry, 2013, 69, 855-862. | 5.5 | 23 |
| 48 | Microwave-Assisted Synthesis of 5-Phenyl-2-hydroxyacetophenone Derivatives by a Green Suzuki Coupling Reaction. Journal of Chemical Education, 2015, 92, 575-578. | 2.3 | 21 |
| 49 | Role of <scp>TRPV</scp>1 receptor in inflammation and impairment of esophageal mucosal integrity in a murine model of nonerosive reflux disease. Neurogastroenterology and Motility, 2018, 30, e13340. | 3.0 | 21 |
| 50 | Galactomannan from the seeds of Caesalpinia pulcherrima prevents indomethacin-induced gastrointestinal damage via neutrophil migration. International Journal of Biological Macromolecules, 2019, 141, 68-75. | 7.5 | 20 |
| 51 | Temporal variation of chemical composition and relaxant action of the essential oil of Ocimum gratissimum L. (Labiatae) on guinea-pig ileum. Phytomedicine, 2005, 12, 506-509. | 5.3 | 18 |
| 52 | A novel N-acetyl-glucosamine lectin of Lonchocarpus araripensis attenuates acute cellular inflammation in mice. Inflammation Research, 2016, 65, 43-52. | 4.0 | 18 |
| 53 | Nanotechnology and Antioxidant Therapy: An Emerging Approach for Neurodegenerative Diseases. Current Medicinal Chemistry, 2014, 21, 4311-4327. | 2.4 | 18 |
| 54 | Morinda citrifolia lipid transfer protein 1 exhibits anti-inflammatory activity by modulation of pro- and anti-inflammatory cytokines. International Journal of Biological Macromolecules, 2017, 103, 1121-1129. | 7.5 | 16 |

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|---|---|---|---|
| 55 | Relaxant effects of the essential oil of Mentha pulegium L. in rat isolated trachea and urinary bladder. Journal of Pharmacy and Pharmacology, 2012, 64, 1777-1784. | 2.4 | 14 |
| 56 | The role of endothelium in the vasorelaxant effects of the essential oil of Ocimum gratissimum in aorta and mesenteric vascular bed of rats. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1380-1385. | 1.4 | 14 |
| 57 | Monocrotaline: Histological Damage and Oxidant Activity in Brain Areas of Mice. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-10. | 4.0 | 14 |
| 58 | Gastroprotective effects of N-acylarylhydrazone derivatives on ethanol-induced gastric lesions in mice are dependent on the NO/cGMP/KATP pathway. Biochemical Pharmacology, 2019, 169, 113629. | 4.4 | 14 |
| 59 | IMMUNOHISTOCHEMICAL APPROACH REVEALS LOCALIZATION OF CYSTATHIONINE-?-LYASE AND CYSTATHIONINE-ÄŸ-SYNTHETASE IN ETHANOL-INDUCED GASTRIC MUCOSA DAMAGE IN MICE. Arquivos De Gastroenterologia, 2013, 50, 157-160. | 0.8 | 13 |
| 60 | Thioamide substitution to probe the hydroxyproline recognition of VHL ligands. Bioorganic and Medicinal Chemistry, 2018, 26, 2992-2995. | 3.0 | 13 |
| 61 | Ximenia americana heteropolysaccharides ameliorate inflammation and visceral hypernociception in murine caerulein-induced acute pancreatitis: Involvement of CB2 receptors. Biomedicine and Pharmacotherapy, 2018, 106, 1317-1324. | 5.6 | 13 |
| 62 | Sulfated polysaccharide extracted from seaweed Gracilaria caudata attenuates acetic acid-induced ulcerative colitis. Food Hydrocolloids, 2021, 111, 106221. | 10.7 | 13 |
| 63 | Amifostine (Wr-2721) Prevents Indomethacin-Induced Gastric Damage in Rats: Role of Non-Protein Sulfhydryl Groups and Leukocyte Adherence. Digestive Diseases and Sciences, 2007, 52, 119-125. | 2.3 | 12 |
| 64 | Methotrexate-induced intestinal mucositis delays gastric emptying and gastrointestinal transit of liquids in awake rats. Arquivos De Gastroenterologia, 2011, 48, 80-85. | 0.8 | 12 |
| 65 | Cashew gum, a biopolymer, topically protects oesophageal mucosa in non erosive reflux disease: A promising translational study. Carbohydrate Polymers, 2019, 226, 115205. | 10.2 | 12 |
| 66 | 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. International Journal of Antimicrobial Agents, 2018, 51, 925-931. | 2.5 | 11 |
| 67 | Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. Chemical Biology and Drug Design, 2016, 88, 926-937. | 3.2 | 10 |
| 68 | Protective Effects of Simvastatin Against Alendronate-Induced Gastric Mucosal Injury in Rats. Digestive Diseases and Sciences, 2016, 61, 400-409. | 2.3 | 10 |
| 69 | A novel murine model of esophageal nonerosive reflux disease: from inflammation to impairment in mucosal integrity. American Journal of Physiology - Renal Physiology, 2017, 312, G658-G665. | 3.4 | 10 |
| 70 | The galactoseâ€binding lectin isolated from Bauhinia bauhinioides Mart seeds inhibits neutrophil rolling and adhesion via primary cytokines. Journal of Molecular Recognition, 2015, 28, 285-292. | 2.1 | 9 |
| 71 | Effects of chloride channel blockers on hypotonicity-induced contractions of the rat trachea. British Journal of Pharmacology, 2004, 141, 367-373. | 5.4 | 8 |
| 72 | Vascular Smooth Muscle Relaxation by a Lectin from Pisum arvense: Evidences of Endothelial NOS Pathway. Protein and Peptide Letters, 2011, 18, 1107-1111. | 0.9 | 8 |

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|---|---|---|---|
| 73 | Synthesis of 6-aryl/heteroaryl-4-oxo-4 H -chromene-2-carboxylic ethyl ester derivatives. Tetrahedron Letters, 2016, 57, 3006-3010. | 1.4 | 8 |
| 74 | Topical protection of mice laryngeal mucosa using the natural product cashew gum. Laryngoscope, 2018, 128, 1157-1162. | 2.0 | 8 |
| 75 | Sulfated polysaccharide from Gracilaria caudata reduces hypernociception and inflammatory response during arthritis in rodents. International Journal of Biological Macromolecules, 2020, 161, 1061-1069. | 7.5 | 8 |
| 76 | Prevalence of abacavir-associated hypersensitivity syndrome and HLA-B*5701 allele in a Portuguese HIV-positive population. Porto Biomedical Journal, 2017, 2, 59-62. | 1.0 | 7 |
| 77 | The polysaccharide-rich tea of Ximenia americana barks prevents indomethacin-induced gastrointestinal damage via neutrophil inhibition. Journal of Ethnopharmacology, 2018, 224, 195-201. | 4.1 | 7 |
| 78 | LASSBio-596 protects gastric mucosa against the development of ethanol-induced gastric lesions in mice. European Journal of Pharmacology, 2019, 863, 172662. | 3.5 | 7 |
| 79 | Euterpe oleracea Mart. (AÃ§aÃ) attenuates experimental colitis in rats: involvement of TLR4/COX-2/NF-Ä¸B. Inflammopharmacology, 2021, 29, 193-204. | 3.9 | 7 |
| 80 | Sulfated Polysaccharide from Digenea simplex Decreases Intestinal Inflammation in Rats. Revista Brasileira De Farmacognosia, 2020, 30, 388-396. | 1.4 | 6 |
| 81 | The Alpha-Lipoic Acid Improves Survival and Prevents Irinotecan-Induced Inflammation and Intestinal Dysmotility in Mice. Pharmaceuticals, 2020, 13, 361. | 3.8 | 5 |
| 82 | McN-A-343, a muscarinic agonist, reduces inflammation and oxidative stress in an experimental model of ulcerative colitis. Life Sciences, 2021, 272, 119194. | 4.3 | 5 |
| 83 | Bryothamnion seaforthii Lectin Relaxes Vascular Smooth Muscle: Involvement of Endothelium and NO Synthase. Protein and Peptide Letters, 2010, 17, 305-310. | 0.9 | 4 |
| 84 | Polysaccharide from Gracilaria caudata protects the human esophageal mucosal barrier: A differential topical effect and structural dependence. International Journal of Biological Macromolecules, 2020, 150, 354-361. | 7.5 | 4 |
| 85 | Macromolecule extracted from Gracilaria caudata reduces inflammation and restores hepatic function in nimesulide-induced hepatic damage. Journal of Applied Phycology, 2020, 32, 1511-1520. | 2.8 | 4 |
| 86 | Effects of passive inhalation of cigarette smoke on structural and functional parameters in the respiratory system of guinea pigs. Jornal Brasileiro De Pneumologia, 2016, 42, 333-340. | 0.7 | 3 |
| 87 | Effect of Remote Ischemic Preconditioning on Systemic Toxicity and Ototoxicity Induced by Cisplatin in Rats: Role of TNF-Î± and Nitric Oxide. Orl, 2017, 79, 336-346. | 1.1 | 3 |
| 88 | Modulatory Role of Carbon Monoxide on the Inflammatory Response and Oxidative Stress Linked to Gastrointestinal Disorders. Antioxidants and Redox Signaling, 2022, 37, 98-114. | 5.4 | 3 |
| 89 | Anti-inflammatory and anti-necrotic effects of lectins from Canavalia ensiformis and Canavalia brasiliensis in experimental acute pancreatitis. Glycoconjugate Journal, 2022, 39, 599-608. | 2.7 | 3 |
| 90 | <b>Polysaccharide extract of <i>Mimosa tenuiflora</i> stem barks stimulates acute inflammatory response via nitric oxide. Acta Scientiarum - Biological Sciences, 2016, 38, 473. | 0.3 | 2 |

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|---|---|---|---|
| 91 | Colitis generates remote antinociception in rats: the role of the l-arginine/NO/cGMP/PKG/KATP pathway and involvement of cannabinoid and opioid systems. Inflammation Research, 2014, 63, 969-977. | 4.0 | 1 |
| 92 | Laryngeal and Esophageal Mucosal Protection Using the Angico Gum Biopolymer in a Mouse Model of Reflux. Laryngoscope, 2023, 133, 162-168. | 2.0 | 1 |
| 93 | Calciumâ€dependent relaxant effect of carvacrol on gastric fundus smooth muscle. FASEB Journal, 2018, 32, lb362. | 0.5 | 0 |