

# Soraia K P Costa

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,615  
citations

257450

24  
h-index

361022

35  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2342  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Vasorelaxant Activity of AP39, a Mitochondria-Targeted H <sub>2</sub> S Donor, on Mouse Mesenteric Artery Rings In Vitro. <i>Biomolecules</i> , 2022, 12, 280.  | 4.0 | 4         |
| 2  | The Symbiotic Effect of a New Nutraceutical with Yeast $\beta$ -Glucan, Prebiotics, Minerals, and Silybum marianum (Silymarin) for Recovering Metabolic Homeostasis via Pgc-1 $\alpha$ , Il-6, and Il-10 Gene Expression in a Type-2 Diabetes Obesity Model. <i>Antioxidants</i> , 2022, 11, 447. | 5.1 | 4         |
| 3  | The potential anti-inflammatory and anti-nociceptive effects of rat hemopressin (PVNFKFLSH) in experimental arthritis. <i>European Journal of Pharmacology</i> , 2021, 890, 173636.   | 3.5 | 4         |
| 4  | Lipopolysaccharide reduces urethral smooth muscle contractility via cyclooxygenase activation. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 557-564.   | 3.0 | 0         |
| 5  | Microemulsion for Prolonged Release of Fenretinide in the Mammary Tissue and Prevention of Breast Cancer Development. <i>Molecular Pharmaceutics</i> , 2021, 18, 3401-3417.   | 4.6 | 16        |
| 6  | Hydrogen sulfide and dermatological diseases. <i>British Journal of Pharmacology</i> , 2020, 177, 857-865.  | 5.4 | 38        |
| 7  | N-Acetylcysteine Reduced Ischemia and Reperfusion Damage Associated with Steatohepatitis in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4106.  | 4.1 | 9         |
| 8  | Enhanced Analgesic Effects and Gastrointestinal Safety of a Novel, Hydrogen Sulfide-Releasing Anti-Inflammatory Drug (ATB-352): A Role for Endogenous Cannabinoids. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 1003-1009.  | 5.4 | 25        |
| 9  | Molecular mechanism and health effects of 1,2-Napthoquinone. <i>EXCLI Journal</i> , 2020, 19, 707-717.  | 0.7 | 3         |
| 10 | Hydrogen sulfide inhibits apoptosis and protects the bronchial epithelium in an allergic inflammation mice model. <i>International Immunopharmacology</i> , 2019, 73, 435-441.  | 3.8 | 19        |
| 11 | Exercise training restores the myogenic response in skeletal muscle resistance arteries and corrects peripheral edema in rats with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H87-H96.  | 3.2 | 8         |
| 12 | Evidence That P-glycoprotein Inhibitor (Elacridar)-Loaded Nanocarriers Improve Epidermal Targeting of an Anticancer Drug via Absorptive Cutaneous Transporters Inhibition. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 698-705.  | 3.3 | 12        |
| 13 | The inclusion complex of carvacrol and $\beta$ -cyclodextrin reduces acute skeletal muscle inflammation and nociception in rats. <i>Pharmacological Reports</i> , 2018, 70, 1139-1145.  | 3.3 | 11        |
| 14 | Transient Receptor Potential Canonical Channels 4 and 5 Mediate <i>Escherichia coli</i> -Derived Thioredoxin Effects in Lipopolysaccharide-Injected Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.  | 4.0 | 9         |
| 15 | <i>Uncaria tomentosa</i> improves insulin sensitivity and inflammation in experimental NAFLD. <i>Scientific Reports</i> , 2018, 8, 11013.   | 3.3 | 25        |
| 16 | Deletion or pharmacological blockade of TLR4 confers protection against cyclophosphamide-induced mouse cystitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F460-F468.   | 2.7 | 16        |
| 17 | Inflammatory Action of Secretory Phospholipases A <sub>2</sub> from Snake Venoms. <i>Toxinology</i> , 2017, , 35-52.  | 0.2 | 4         |
| 18 | Protective effects of exogenous and endogenous hydrogen sulfide in mast cell-mediated pruritus and cutaneous acute inflammation in mice. <i>Pharmacological Research</i> , 2017, 115, 255-266.  | 7.1 | 37        |

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|----|--|-----|-----------|
| 19 | Elucidating the role of oxidative stress in the therapeutic effect of rutin on experimental acute pancreatitis. <i>Free Radical Research</i> , 2016, 50, 1350-1360.  | 3.3 | 19        |
| 20 | Hydrogen sulfide donors alleviate itch secondary to the activation of type-2 protease activated receptors (PAR-2) in mice. <i>Pharmacological Research</i> , 2016, 113, 686-694.   | 7.1 | 14        |
| 21 | Increased glutathione levels contribute to the beneficial effects of hydrogen sulfide and inducible nitric oxide inhibition in allergic lung inflammation. <i>International Immunopharmacology</i> , 2016, 39, 57-62.                    | 3.8 | 23        |
| 22 | Capsaicin and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 91-125.  | 1.6 | 28        |
| 23 | Endothelial dysfunction in rats with ligature-induced periodontitis: Participation of nitric oxide and cyclooxygenase-2-derived products. <i>Archives of Oral Biology</i> , 2016, 63, 66-74.   | 1.8 | 22        |
| 24 | Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms. <i>International Immunopharmacology</i> , 2016, 34, 60-70.  | 3.8 | 61        |
| 25 | Pulmonary Inflammation Is Regulated by the Levels of the Vesicular Acetylcholine Transporter. <i>PLoS ONE</i> , 2015, 10, e0120441.  | 2.5 | 32        |
| 26 | Avalia o das atividades cicatrizante, anti-inflamat ria t pica e antioxidante do extrato etan lico da <i>Sideroxylon obtusifolium</i> (quixabeira). <i>Revista Brasileira De Plantas Medicinai</i> s, 2015, 17, 164-170.                 | 0.3 | 6         |
| 27 | Peripheral Neurokinin-1 Receptors Contribute to Kaolin-Induced Acute Monoarthritis in Rats. <i>NeuroImmunoModulation</i> , 2015, 22, 373-384.  | 1.8 | 5         |
| 28 | H2S-releasing drugs: Anti-inflammatory, cytoprotective and chemopreventative potential. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 46, 25-31.   | 2.7 | 75        |
| 29 | The H2S-releasing naproxen derivative, ATB-346, inhibits alveolar bone loss and inflammation in rats with ligature-induced periodontitis. <i>Medical Gas Research</i> , 2015, 5, 4.  | 2.3 | 27        |
| 30 | Inflammatory Action of Secretory PLA2 from Snake Venoms. , 2015, , 1-18.   |     | 1         |
| 31 | TRPV1 Antagonism by Capsazepine Modulates Innate Immune Response in Mice Infected with <i>Plasmodium berghei</i> ANKA. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.  | 3.0 | 15        |
| 32 | Early postnatal, but not late, exposure to chemical ambient pollutant 1,2-naphthoquinone increases susceptibility to pulmonary allergic inflammation at adulthood. <i>Archives of Toxicology</i> , 2014, 88, 1589-1605.                  | 4.2 | 8         |
| 33 | Inhibition of inducible nitric oxide synthase-derived nitric oxide as a therapeutic target for acute pancreatitis induced by secretory phospholipase $\alpha_2$ . <i>European Journal of Pain</i> , 2014, 18, 691-700.                   | 2.8 | 21        |
| 34 | Beneficial effects of <i>Anadenanthera colubrina</i> (Vell.) Brenan extract on the inflammatory and nociceptive responses in rodent models. <i>Journal of Ethnopharmacology</i> , 2013, 148, 218-222.                                    | 4.1 | 28        |
| 35 | A comparative study on the anti-inflammatory effects of single oral doses of naproxen and its hydrogen sulfide (H2S)-releasing derivative ATB-346 in rats with carrageenan-induced synovitis. <i>Medical Gas Research</i> , 2013, 3, 24. | 2.3 | 32        |
| 36 | Hydrogen sulfide inhibits oxidative stress in lungs from allergic mice in vivo. <i>European Journal of Pharmacology</i> , 2013, 698, 463-469.  | 3.5 | 64        |

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|----|--|-----|-----------|
| 37 | iNOSâ€Derived Nitric Oxide Stimulates Osteoclast Activity and Alveolar Bone Loss in Ligatureâ€Induced Periodontitis in Rats. <i>Journal of Periodontology</i> , 2011, 82, 1608-1615.   | 3.4 | 71        |
| 38 | Abdominal hyperalgesia in secretory phospholipase A <sub>2</sub> â€Induced rat pancreatitis: Distinct roles of NK <sub>1</sub> receptors. <i>European Journal of Pain</i> , 2011, 15, 900-906.   | 2.8 | 11        |
| 39 | Local and cardiorenal effects of periodontitis in nitric oxide-deficient hypertensive rats. <i>Archives of Oral Biology</i> , 2011, 56, 41-47.   | 1.8 | 25        |
| 40 | Involvement of sensory nerves and TRPV1 receptors in the rat airway inflammatory response to two environment pollutants: diesel exhaust particles (DEP) and 1,2-naphthoquinone (1,2-NQ). <i>Archives of Toxicology</i> , 2010, 84, 109-117.                | 4.2 | 24        |
| 41 | Differing effects of exogenous and endogenous hydrogen sulphide in carrageenanâ€Induced knee joint synovitis in the rat. <i>British Journal of Pharmacology</i> , 2010, 159, 1463-1474.  | 5.4 | 89        |
| 42 | PAR <sub>2</sub> and Temporomandibular Joint Inflammation in the Rat. <i>Journal of Dental Research</i> , 2010, 89, 1123-1128.   | 5.2 | 15        |
| 43 | Putative antinociceptive action of nitric oxide in the caudal part of the spinal trigeminal nucleus during chronic carrageenan-induced arthritis in the rat temporomandibular joint. <i>Brain Research</i> , 2009, 1302, 85-96.                            | 2.2 | 16        |
| 44 | Role of sensory innervation in the rat pulmonary neutrophil recruitment induced by staphylococcal enterotoxins type A and B. <i>European Journal of Pharmacology</i> , 2009, 613, 128-134.   | 3.5 | 7         |
| 45 | Reduced allergic lung inflammation in rats following formaldehyde exposure: Long-term effects on multiple effector systems. <i>Toxicology</i> , 2009, 256, 157-163.  | 4.2 | 29        |
| 46 | Participation of peripheral tachykinin NK <sub>1</sub> receptors in the carrageenanâ€Induced inflammation of the rat temporomandibular joint. <i>European Journal of Pain</i> , 2009, 13, 812-819.   | 2.8 | 40        |
| 47 | Characterization of the mechanisms underlying the inflammatory response to <i>Polistes lanio lanio</i> (paper wasp) venom in mouse dorsal skin. <i>Toxicon</i> , 2009, 53, 42-52.  | 1.6 | 22        |
| 48 | How important are NK1 receptors for influencing microvascular inflammation and itch in the skin? Studies using <i>Phoneutria nigriventer</i> venom. <i>Vascular Pharmacology</i> , 2006, 45, 209-214.  | 2.1 | 38        |
| 49 | Pulmonary neutrophil recruitment and bronchial reactivity in formaldehyde-exposed rats are modulated by mast cells and differentially by neuropeptides and nitric oxide. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 35-42.                    | 2.8 | 37        |
| 50 | Pivotal role of endogenous tachykinins and the NK1 receptor in mediating leukocyte accumulation, in the absence of oedema formation, in response to TNF $\alpha$ in the cutaneous microvasculature. <i>Journal of Neuroimmunology</i> , 2006, 171, 99-109. | 2.3 | 19        |
| 51 | Role of Tachykinins in Neurogenic Inflammation of the Skin and Other External Surfaces. <i>Handbook of Experimental Pharmacology</i> , 2004, , 459-490.  | 1.8 | 2         |
| 52 | <i>Phoneutria nigriventer</i> spider venom activates 5-HT <sub>4</sub> receptors in rat-isolated vagus nerve. <i>British Journal of Pharmacology</i> , 2003, 139, 59-64.   | 5.4 | 22        |
| 53 | The ability of neuropeptide Y to mediate responses in the murine cutaneous microvasculature: an analysis of the contribution of Y <sub>1</sub> and Y <sub>2</sub> receptors. <i>British Journal of Pharmacology</i> , 2003, 140, 422-430.                  | 5.4 | 20        |
| 54 | Activation of 5-HT <sub>4</sub> receptors causes neurogenic inflammation in the cutaneous microvasculature. <i>Inflammation Research</i> , 2003, 52, S183-S186.  | 4.0 | 1         |

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|----|--|-----|-----------|
| 55 | Endothelial cells play an essential role in the thermal hyperalgesia induced by nerve growth factor. <i>FASEB Journal</i> , 2003, 17, 1703-1705.   | 0.5 | 18        |
| 56 | Role of kinins and sensory neurons in the rat pleural leukocyte migration induced by Phoneutria nigriventer spider venom. <i>Neuroscience Letters</i> , 2002, 318, 158-162.  | 2.1 | 16        |
| 57 | Chronotropic response of $\hat{1}^2$ -adrenergic-, muscarinic-, and calcitonin gene-related peptide-receptor agonists in right atria from neonatal capsaicin-treated rats. <i>Neuroscience Letters</i> , 2002, 325, 147-150.                               | 2.1 | 4         |
| 58 | Differential sensitivity to tetrodotoxin and lack of effect of prostaglandin E2 on the pharmacology and physiology of propagated action potentials. <i>British Journal of Pharmacology</i> , 2002, 135, 1449-1456.   | 5.4 | 22        |
| 59 | Comparative effect of Phoneutria nigriventer spider venom and capsaicin on the rat paw oedema. <i>Life Sciences</i> , 2001, 69, 1573-1585.   | 4.3 | 31        |
| 60 | The calcitonin gene-related peptide (CGRP) antagonist CGRP8 $\hat{a}$ €“37 blocks vasodilatation in inflamed rat skin: involvement of adrenomedullin in addition to CGRP. <i>Neuroscience Letters</i> , 2001, 310, 169-172.                                | 2.1 | 17        |
| 61 | The plasma protein extravasation induced by adenosine and its analogues in the rat dorsal skin: evidence for the involvement of capsaicin sensitive primary afferent neurones and mast cells. <i>British Journal of Pharmacology</i> , 2001, 134, 108-115. | 5.4 | 14        |
| 62 | Involvement of vanilloid receptors and purinoceptors in the Phoneutria nigriventer spider venom-induced plasma extravasation in rat skin. <i>European Journal of Pharmacology</i> , 2000, 391, 305-315.  | 3.5 | 23        |
| 63 | Involvement of kinins, mast cells and sensory neurons in the plasma exudation and paw oedema induced by staphylococcal enterotoxin B in the mouse. <i>European Journal of Pharmacology</i> , 2000, 399, 235-242.   | 3.5 | 53        |
| 64 | Modulation of Coronary Flow and Cardiomyocyte Size by Sensory Fibers. <i>Hypertension</i> , 1999, 34, 790-794.   | 2.7 | 8         |
| 65 | Activation by Phoneutria nigriventer spider venom of autonomic nerve fibers in the isolated rat heart. <i>European Journal of Pharmacology</i> , 1998, 363, 139-146.   | 3.5 | 13        |
| 66 | Phoneutria nigriventer spider venom induces oedema in rat skin by activation of capsaicin sensitive sensory nerves. <i>European Journal of Pharmacology</i> , 1997, 339, 223-226.  | 3.5 | 28        |
| 67 | NON-SPECIFIC INHIBITORS OF NITRIC OXIDE SYNTHASE CAUSE MYOCARDIAL NECROSIS IN THE RAT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 349-352.   | 1.9 | 25        |
| 68 | The effect of a tachykinin NK <sub>1</sub> receptor antagonist, SR140333, on oedema formation induced in rat skin by venom from the <i>Phoneutria nigriventer</i> spider. <i>British Journal of Pharmacology</i> , 1996, 118, 295-298.                     | 5.4 | 41        |
| 69 | The effect of Phoneutria nigriventer (armed spider) venom on arterial blood pressure of anaesthetised rats. <i>European Journal of Pharmacology</i> , 1996, 298, 113-120.  | 3.5 | 30        |
| 70 | Enalapril does not prevent the myocardial ischemia caused by the chronic inhibition of nitric oxide synthesis. <i>European Journal of Pharmacology</i> , 1995, 287, 93-96.   | 3.5 | 45        |
| 71 | Myrtenol Reduces Orofacial Nociception and Inflammation in Mice Through p38-MAPK and Cytokine Inhibition. <i>Frontiers in Pharmacology</i> , 0, 13, .  | 3.5 | 2         |