

Elizabeth Soares Fernandes

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79
papers

3,176
citations

30
h-index

55
g-index

88
ext. papers

3,651
ext. citations

5.4
avg, IF

4.82
L-index

#	Paper	IF	Citations
79	Anti-inflammatory effects of compounds alpha-humulene and (-)-trans-caryophyllene isolated from the essential oil of <i>Cordia verbenacea</i> . <i>European Journal of Pharmacology</i> , 2007 , 569, 228-36	5.3	339
78	The functions of TRPA1 and TRPV1: moving away from sensory nerves. <i>British Journal of Pharmacology</i> , 2012 , 166, 510-21	8.6	270
77	Kinin B1 receptors: key G-protein-coupled receptors and their role in inflammatory and painful processes. <i>British Journal of Pharmacology</i> , 2004 , 143, 803-18	8.6	193
76	Anti-inflammatory and anti-allergic properties of the essential oil and active compounds from <i>Cordia verbenacea</i> . <i>Journal of Ethnopharmacology</i> , 2007 , 110, 323-33	5	166
75	Involvement of monoaminergic system in the antidepressant-like effect of the hydroalcoholic extract of <i>Siphocampylus verticillatus</i> . <i>Life Sciences</i> , 2002 , 70, 1347-58	6.8	147
74	A distinct role for transient receptor potential ankyrin 1, in addition to transient receptor potential vanilloid 1, in tumor necrosis factor α -induced inflammatory hyperalgesia and Freund's complete adjuvant-induced monoarthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 819-29		125
73	Kinin B1 receptor up-regulation after lipopolysaccharide administration: role of proinflammatory cytokines and neutrophil influx. <i>Journal of Immunology</i> , 2004 , 172, 1839-47	5.3	92
72	Relevance of tumour necrosis factor-alpha for the inflammatory and nociceptive responses evoked by carrageenan in the mouse paw. <i>British Journal of Pharmacology</i> , 2006 , 148, 688-95	8.6	87
71	Hydrogen peroxide is a novel mediator of inflammatory hyperalgesia, acting via transient receptor potential vanilloid 1-dependent and independent mechanisms. <i>Pain</i> , 2009 , 141, 135-42	8	84
70	TRPA1 is essential for the vascular response to environmental cold exposure. <i>Nature Communications</i> , 2014 , 5, 5732	17.4	83
69	TRPV1 deletion enhances local inflammation and accelerates the onset of systemic inflammatory response syndrome. <i>Journal of Immunology</i> , 2012 , 188, 5741-51	5.3	82
68	An ongoing role of calcitonin gene-related peptide as part of a protective network against hypertension, vascular hypertrophy, and oxidative stress. <i>Hypertension</i> , 2014 , 63, 1056-62	8.5	76
67	The transient receptor potential vanilloid 1 (TRPV1) receptor protects against the onset of sepsis after endotoxin. <i>FASEB Journal</i> , 2007 , 21, 3747-55	0.9	76
66	Evidence for the role of neurogenic inflammation components in trypsin-elicited scratching behaviour in mice. <i>British Journal of Pharmacology</i> , 2008 , 154, 1094-103	8.6	71
65	A role for TRPV1 in influencing the onset of cardiovascular disease in obesity. <i>Hypertension</i> , 2013 , 61, 246-52	8.5	66
64	Superoxide generation and leukocyte accumulation: key elements in the mediation of leukotriene B ₄ -induced itch by transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1. <i>FASEB Journal</i> , 2013 , 27, 1664-73	0.9	60
63	Tumour necrosis factor alpha mediates transient receptor potential vanilloid 1-dependent bilateral thermal hyperalgesia with distinct peripheral roles of interleukin-1beta, protein kinase C and cyclooxygenase-2 signalling. <i>Pain</i> , 2009 , 142, 264-274	8	51

62	Regulation of alternative VEGF-A mRNA splicing is a therapeutic target for analgesia. <i>Neurobiology of Disease</i> , 2014 , 71, 245-59	7.5	47
61	4-oxo-2-nonenal (4-ONE): evidence of transient receptor potential ankyrin 1-dependent and -independent nociceptive and vasoactive responses in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 117-24	4.7	46
60	Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms. <i>International Immunopharmacology</i> , 2016 , 34, 60-70	5.8	45
59	Bradykinin B1 receptor expression induced by tissue damage in the rat portal vein: a critical role for mitogen-activated protein kinase and nuclear factor-kappaB signaling pathways. <i>Circulation Research</i> , 2004 , 94, 1375-82	15.7	45
58	Antidepressant-like effects of <i>Trichilia catigua</i> (Catuaba) extract: evidence for dopaminergic-mediated mechanisms. <i>Psychopharmacology</i> , 2005 , 182, 45-53	4.7	45
57	Cinnamaldehyde Inhibits Virulence Factors and Protects against Infection in a Model. <i>Frontiers in Microbiology</i> , 2016 , 7, 2052	5.7	42
56	TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO. <i>British Journal of Pharmacology</i> , 2016 , 173, 2419-33	8.6	41
55	Sensory-nerve-derived neuropeptides: possible therapeutic targets. <i>Handbook of Experimental Pharmacology</i> , 2009 , 393-416	3.2	35
54	ATCC 23271 Displays Inhibitory Activities against spp. <i>Frontiers in Microbiology</i> , 2016 , 7, 1722	5.7	35
53	Transient receptor potential canonical 5 (TRPC5) protects against pain and vascular inflammation in arthritis and joint inflammation. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 252-260	2.4	31
52	In Vitro Antimicrobial Activity and Probiotic Potential of and against Species of. <i>Nutrients</i> , 2019 , 11,	6.7	30
51	Environmental cold exposure increases blood flow and affects pain sensitivity in the knee joints of CFA-induced arthritic mice in a TRPA1-dependent manner. <i>Arthritis Research and Therapy</i> , 2016 , 18, 7	5.7	30
50	Mechanisms underlying the nociceptive and inflammatory responses induced by trypsin in the mouse paw. <i>European Journal of Pharmacology</i> , 2008 , 581, 204-15	5.3	30
49	Kinin Receptors Sensitize TRPV4 Channel and Induce Mechanical Hyperalgesia: Relevance to Paclitaxel-Induced Peripheral Neuropathy in Mice. <i>Molecular Neurobiology</i> , 2018 , 55, 2150-2161	6.2	29
48	The vasoactive potential of kisspeptin-10 in the peripheral vasculature. <i>PLoS ONE</i> , 2011 , 6, e14671	3.7	28
47	Spinal blockage of CXCL1 and its receptor CXCR2 inhibits paclitaxel-induced peripheral neuropathy in mice. <i>Neuropharmacology</i> , 2019 , 151, 136-143	5.5	27
46	Investigating the potential role of TRPA1 in locomotion and cardiovascular control during hypertension. <i>Pharmacology Research and Perspectives</i> , 2014 , 2, e00052	3.1	27
45	The relevance of kinin B1 receptor upregulation in a mouse model of colitis. <i>British Journal of Pharmacology</i> , 2008 , 154, 1276-86	8.6	27

44	Taxane-induced neurotoxicity: Pathophysiology and therapeutic perspectives. <i>British Journal of Pharmacology</i> , 2020 , 177, 3127-3146	8.6	26
43	Probiotics, mechanisms of action, and clinical perspectives for diarrhea management in children. <i>Food and Function</i> , 2018 , 9, 5074-5095	6.1	26
42	Pharmacological and neurochemical evidence for antidepressant-like effects of the herbal product Catuama. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 78, 757-64	3.9	25
41	Mechanisms underlying the modulatory action of platelet activating factor (PAF) on the upregulation of kinin B1 receptors in the rat paw. <i>British Journal of Pharmacology</i> , 2003 , 139, 973-81	8.6	25
40	Cytokines and neutrophils as important mediators of platelet-activating factor-induced kinin B1 receptor expression. <i>British Journal of Pharmacology</i> , 2005 , 146, 209-16	8.6	24
39	Phytochemical Characterization of Linn. Extracts and Their antifungal Activities against spp. <i>Frontiers in Microbiology</i> , 2017 , 8, 595	5.7	22
38	Evaluation of several clinical parameters after bleaching with hydrogen peroxide at different concentrations: A randomized clinical trial. <i>Journal of Dentistry</i> , 2018 , 68, 91-97	4.8	20
37	Anti-Inflammatory Effects of a Pomegranate Leaf Extract in LPS-Induced Peritonitis. <i>Planta Medica</i> , 2016 , 82, 1463-1467	3.1	19
36	Pharmacological and biochemical characterization of bradykinin B2 receptors in the mouse colon: influence of the TNBS-induced colitis. <i>Regulatory Peptides</i> , 2007 , 141, 25-34		19
35	Use of Some Asteraceae Plants for the Treatment of Wounds: From Ethnopharmacological Studies to Scientific Evidences. <i>Frontiers in Pharmacology</i> , 2018 , 9, 784	5.6	18
34	Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with. <i>Molecules</i> , 2019 , 24,	4.8	16
33	Effect of novel selective non-peptide kinin B(1) receptor antagonists on mouse pleurisy induced by carrageenan. <i>Peptides</i> , 2006 , 27, 2967-75	3.8	16
32	L. Leaf Extract Attenuates Lung Inflammation in Mice with Acute Lung Injury. <i>Journal of Immunology Research</i> , 2018 , 2018, 6879183	4.5	16
31	Sulforaphane Modulates Joint Inflammation in a Murine Model of Complete Freund's Adjuvant-Induced Mono-Arthritis. <i>Molecules</i> , 2018 , 23,	4.8	15
30	TRPV1 and SP: key elements for sepsis outcome?. <i>British Journal of Pharmacology</i> , 2013 , 170, 1279-92	8.6	14
29	Mechanisms underlying the nociceptive responses induced by platelet-activating factor (PAF) in the rat paw. <i>Biochemical Pharmacology</i> , 2009 , 77, 1223-35	6	14
28	Mechanisms Underlying the Scratching Behavior Induced by the Activation of Proteinase-Activated Receptor-4 in Mice. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2484-2491	4.3	13
27	Hydrogen peroxide-based products alter inflammatory and tissue damage-related proteins in the gingival crevicular fluid of healthy volunteers: a randomized trial. <i>Scientific Reports</i> , 2019 , 9, 3457	4.9	12

26	Germline Variants in Phosphodiesterase Genes and Genetic Predisposition to Pediatric Adrenocortical Tumors. <i>Cancers</i> , 2020 , 12,	6.6	12
25	Transient Receptor Potential Ankyrin 1 Channel Expression on Peripheral Blood Leukocytes from Rheumatoid Arthritic Patients and Correlation with Pain and Disability. <i>Frontiers in Pharmacology</i> , 2017 , 8, 53	5.6	12
24	Anti-edematogenic effects of velutinol A isolated from <i>Mandevilla velutina</i> : evidence for a selective inhibition of kinin B1 receptor-mediated responses. <i>Regulatory Peptides</i> , 2006 , 136, 98-104		12
23	TRPV1 antagonism by capsaizepine modulates innate immune response in mice infected with <i>Plasmodium berghei</i> ANKA. <i>Mediators of Inflammation</i> , 2014 , 2014, 506450	4.3	11
22	Assessment of TNFalpha contribution to the functional up-regulation of kinin B(1) receptors in the mouse paw after treatment with LPS. <i>International Immunopharmacology</i> , 2005 , 5, 1593-600	5.8	9
21	Cuminaldehyde potentiates the antimicrobial actions of ciprofloxacin against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2020 , 15, e0232987	3.7	7
20	An overview of the gut side of the SARS-CoV-2 infection. <i>Intestinal Research</i> , 2021 , 19, 379-385	4.1	7
19	Flavonoids Act As Antimicrobials by Binding to Cell Walls. <i>Frontiers in Microbiology</i> , 2016 , 7, 2053	5.7	7
18	Treatment with either leflunomide or adalimumab reduces anaemia in patients with rheumatoid arthritis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 2161-2166	1.4	6
17	Mechanisms underlying lipopolysaccharide-induced kinin B1 receptor up-regulation in the pig iris sphincter in vitro. <i>Molecular Pharmacology</i> , 2006 , 69, 1701-8	4.3	6
16	Transient receptor potential canonical 5 channels plays an essential role in hepatic dyslipidemia associated with cholestasis. <i>Scientific Reports</i> , 2017 , 7, 2338	4.9	5
15	Peripheral neurokinin-1 receptors contribute to kaolin-induced acute monoarthritis in rats. <i>NeuroImmunoModulation</i> , 2015 , 22, 373-84	2.5	5
14	Transient Receptor Potential Canonical Channels 4 and 5 Mediate -Derived Thioredoxin Effects in Lipopolysaccharide-Injected Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4904696	6.7	5
13	TRPV1 Contributes to Cerebral Malaria Severity and Mortality by Regulating Brain Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 9451671	6.7	3
12	The Hydroalcoholic Extract Obtained from L. Leaves Attenuates Oxidative Stress and Improves Survival in Lipopolysaccharide-Treated Macrophages. <i>Journal of Immunology Research</i> , 2017 , 2017, 2078194	4.5	3
11	TRP Receptors in Arthritis, Gaining Knowledge for Translation from Experimental Models. <i>Open Pain Journal</i> , 2013 , 6, 50-61	0.3	3
10	The latex of inhibits staphyloxanthin production and protects larvae against infection. <i>Natural Product Research</i> , 2020 , 34, 3536-3539	2.3	3
9	Evidence of a Role for the TRPC Subfamily in Mediating Oxidative Stress in Parkinson's Disease. <i>Frontiers in Physiology</i> , 2020 , 11, 332	4.6	2

8	Evaluation of Antifungal Activity of (Turcz.) Turcz. (Salicaceae) Leaves Against spp. <i>Frontiers in Microbiology</i> , 2019 , 10, 3114	5.7	2
7	Oxidative and nitrosative stresses in cerebral malaria: can we target them to avoid a bad prognosis?. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 1363-1373	5.1	1
6	Polysaccharides with Antitumor Effect in Breast Cancer: A Systematic Review of Non-Clinical Studies. <i>Nutrients</i> , 2021 , 13,	6.7	1
5	The potential anti-inflammatory and anti-nociceptive effects of rat hemopressin (PVNFKFLSH) in experimental arthritis. <i>European Journal of Pharmacology</i> , 2021 , 890, 173636	5.3	1
4	Anti-Inflammatory and Healing Activity of the Hydroalcoholic Fruit Extract of <i>Solanum diploconos</i> (Mart.) Bohs. <i>Journal of Immunology Research</i> , 2021 , 2021, 9957451	4.5	1
3	PAF-induced kinin B1 receptor in vivo up-regulation: involvement of distinct kinase pathways. <i>Inflammation Research</i> , 2007 , 56, S488-S491	7.2	
2	Analysis of salivary parameters of mucopolysaccharidosis individuals.. <i>Brazilian Oral Research</i> , 2022 , 36, e011	2.6	
1	TRPA1 channels play a critical role in cold-induced vasodilatation. <i>FASEB Journal</i> , 2013 , 27, lb601	0.9	