

Elizabeth Soares Fernandes

List of Publications by Year in descending order

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86
papers

4,084
citations

109264

35
h-index

118793

62
g-index

88
all docs

88
docs citations

88
times ranked

6036
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory effects of compounds alpha-humulene and (α)-trans-caryophyllene isolated from the essential oil of <i>Cordia verbenacea</i> . <i>European Journal of Pharmacology</i> , 2007, 569, 228-236.	1.7	421
2	The functions of TRPA1 and TRPV1: moving away from sensory nerves. <i>British Journal of Pharmacology</i> , 2012, 166, 510-521.	2.7	329
3	Kinin B1 receptors: key G-protein-coupled receptors and their role in inflammatory and painful processes. <i>British Journal of Pharmacology</i> , 2004, 143, 803-818.	2.7	224
4	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, 323-333.	2.0	190
5	Involvement of monoaminergic system in the antidepressant-like effect of the hydroalcoholic extract of <i>Siphocampylus verticillatus</i> . <i>Life Sciences</i> , 2002, 70, 1347-1358.	2.0	168
6	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, 819-829.	6.7	151
7	TRPA1 is essential for the vascular response to environmental cold exposure. <i>Nature Communications</i> , 2014, 5, 5732.	5.8	107
8	TRPV1 Deletion Enhances Local Inflammation and Accelerates the Onset of Systemic Inflammatory Response Syndrome. <i>Journal of Immunology</i> , 2012, 188, 5741-5751.	0.4	105
9	Relevance of tumour necrosis factor- α for the inflammatory and nociceptive responses evoked by carrageenan in the mouse paw. <i>British Journal of Pharmacology</i> , 2006, 148, 688-695.	2.7	103
10	An Ongoing Role of α -Calcitonin Gene-Related Peptide as Part of a Protective Network Against Hypertension, Vascular Hypertrophy, and Oxidative Stress. <i>Hypertension</i> , 2014, 63, 1056-1062.	1.3	101
11	Kinin B1 Receptor Up-Regulation after Lipopolysaccharide Administration: Role of Proinflammatory Cytokines and Neutrophil Influx. <i>Journal of Immunology</i> , 2004, 172, 1839-1847.	0.4	98
12	The transient receptor potential vanilloid 1 (TRPV1) receptor protects against the onset of sepsis after endotoxin. <i>FASEB Journal</i> , 2007, 21, 3747-3755.	0.2	95
13	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, 135-142.	2.0	93
14	A Role for TRPV1 in Influencing the Onset of Cardiovascular Disease in Obesity. <i>Hypertension</i> , 2013, 61, 246-252.	1.3	83
15	Evidence for the role of neurogenic inflammation components in trypsin-elicited scratching behaviour in mice. <i>British Journal of Pharmacology</i> , 2008, 154, 1094-1103.	2.7	82
16	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, 1664-1673.	0.2	67
17	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, 2419-2433.	2.7	67
18	Regulation of alternative VEGF-A mRNA splicing is a therapeutic target for analgesia. <i>Neurobiology of Disease</i> , 2014, 71, 245-259.	2.1	65

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19	Cinnamaldehyde Inhibits Staphylococcus aureus Virulence Factors and Protects against Infection in a Galleria mellonella Model. <i>Frontiers in Microbiology</i> , 2016, 7, 2052.	1.5	61
20	Cinnamaldehyde modulates LPS-induced systemic inflammatory response syndrome through TRPA1-dependent and independent mechanisms. <i>International Immunopharmacology</i> , 2016, 34, 60-70.	1.7	61
21	Taxane-induced neurotoxicity: Pathophysiology and therapeutic perspectives. <i>British Journal of Pharmacology</i> , 2020, 177, 3127-3146.	2.7	59
22	Bradykinin B 1 Receptor Expression Induced by Tissue Damage in the Rat Portal Vein. <i>Circulation Research</i> , 2004, 94, 1375-1382.	2.0	57
23	Tumour necrosis factor α mediates transient receptor potential vanilloid 1-dependent bilateral thermal hyperalgesia with distinct peripheral roles of interleukin-1 β , protein kinase C and cyclooxygenase-2 signalling. <i>Pain</i> , 2009, 142, 264-274.	2.0	57
24	Antidepressant-like effects of Trichilia catigua (Catuaba) extract: evidence for dopaminergic-mediated mechanisms. <i>Psychopharmacology</i> , 2005, 182, 45-53.	1.5	54
25	In Vitro Antimicrobial Activity and Probiotic Potential of Bifidobacterium and Lactobacillus against Species of Clostridium. <i>Nutrients</i> , 2019, 11, 448.	1.7	53
26	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, 117-124.	1.3	49
27	Lactobacillus fermentum ATCC 23271 Displays In vitro Inhibitory Activities against Candida spp.. <i>Frontiers in Microbiology</i> , 2016, 7, 1722.	1.5	45
28	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.	0.5	44
29	Probiotics, mechanisms of action, and clinical perspectives for diarrhea management in children. <i>Food and Function</i> , 2018, 9, 5074-5095.	2.1	44
30	Use of Some Asteraceae Plants for the Treatment of Wounds: From Ethnopharmacological Studies to Scientific Evidences. <i>Frontiers in Pharmacology</i> , 2018, 9, 784.	1.6	40
31	Spinal blockage of CXCL1 and its receptor CXCR2 inhibits paclitaxel-induced peripheral neuropathy in mice. <i>Neuropharmacology</i> , 2019, 151, 136-143.	2.0	40
32	Sensory-Nerve-Derived Neuropeptides: Possible Therapeutic Targets. <i>Handbook of Experimental Pharmacology</i> , 2009, , 393-416.	0.9	40
33	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.	1.6	39
34	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.	1.7	39
35	Phytochemical Characterization of Terminalia catappa Linn. Extracts and Their antifungal Activities against Candida spp.. <i>Frontiers in Microbiology</i> , 2017, 8, 595.	1.5	37
36	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.	1.9	37

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37	The Vasoactive Potential of Kisspeptin-10 in the Peripheral Vasculature. PLoS ONE, 2011, 6, e14671.	1.1	35
38	Mechanisms underlying the nociceptive and inflammatory responses induced by trypsin in the mouse paw. European Journal of Pharmacology, 2008, 581, 204-215.	1.7	34
39	The relevance of kinin B ₁ receptor upregulation in a mouse model of colitis. British Journal of Pharmacology, 2008, 154, 1276-1286.	2.7	33
40	Investigating the potential role of TRPA1 in locomotion and cardiovascular control during hypertension. Pharmacology Research and Perspectives, 2014, 2, e00052.	1.1	33
41	Topical Application of Cinnamaldehyde Promotes Faster Healing of Skin Wounds Infected with Pseudomonas aeruginosa. Molecules, 2019, 24, 1627.	1.7	33
42	Cuminaldehyde potentiates the antimicrobial actions of ciprofloxacin against Staphylococcus aureus and Escherichia coli. PLoS ONE, 2020, 15, e0232987.	1.1	33
43	Pharmacological and neurochemical evidence for antidepressant-like effects of the herbal product Catuama. Pharmacology Biochemistry and Behavior, 2004, 78, 757-764.	1.3	31
44	Mechanisms underlying the modulatory action of platelet activating factor (PAF) on the upregulation of kinin B1 receptors in the rat paw. British Journal of Pharmacology, 2003, 139, 973-981.	2.7	28
45	Cytokines and neutrophils as important mediators of platelet-activating factor-induced kinin B1 receptor expression. British Journal of Pharmacology, 2005, 146, 209-216.	2.7	27
46	Hydrogen peroxide-based products alter inflammatory and tissue damage-related proteins in the gingival crevicular fluid of healthy volunteers: a randomized trial. Scientific Reports, 2019, 9, 3457.	1.6	26
47	Anti-Inflammatory Effects of a Pomegranate Leaf Extract in LPS-Induced Peritonitis. Planta Medica, 2016, 82, 1463-1467.	0.7	24
48	Transient Receptor Potential Ankyrin 1 Channel Expression on Peripheral Blood Leukocytes from Rheumatoid Arthritic Patients and Correlation with Pain and Disability. Frontiers in Pharmacology, 2017, 8, 53.	1.6	22
49	Pharmacological and biochemical characterization of bradykinin B2 receptors in the mouse colon: Influence of the TNBS-induced colitis. Regulatory Peptides, 2007, 141, 25-34.	1.9	20
50	Punica granatum L. Leaf Extract Attenuates Lung Inflammation in Mice with Acute Lung Injury. Journal of Immunology Research, 2018, 2018, 1-11.	0.9	20
51	TRPV1 and SP: key elements for sepsis outcome?. British Journal of Pharmacology, 2013, 170, 1279-1292.	2.7	19
52	Sulforaphane Modulates Joint Inflammation in a Murine Model of Complete Freund's Adjuvant-Induced Mono-Arthritis. Molecules, 2018, 23, 988.	1.7	17
53	Germline Variants in Phosphodiesterase Genes and Genetic Predisposition to Pediatric Adrenocortical Tumors. Cancers, 2020, 12, 506.	1.7	17
54	Effect of novel selective non-peptide kinin B1 receptor antagonists on mouse pleurisy induced by carrageenan. Peptides, 2006, 27, 2967-2975.	1.2	16

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55	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.	0.3	16
56	An overview of the gut side of the SARS-CoV-2 infection. <i>Intestinal Research</i> , 2021, 19, 379-385.	1.0	16
57	Mechanisms underlying the nociceptive responses induced by platelet-activating factor (PAF) in the rat paw. <i>Biochemical Pharmacology</i> , 2009, 77, 1223-1235.	2.0	15
58	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.	1.4	15
59	Genomic Analysis of <i>Limosilactobacillus fermentum</i> ATCC 23271, a Potential Probiotic Strain with Anti-Candida Activity. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 794.	1.5	14
60	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.	1.9	13
61	<i>Annona glabra</i> Flavonoids Act As Antimicrobials by Binding to <i>Pseudomonas aeruginosa</i> Cell Walls. <i>Frontiers in Microbiology</i> , 2016, 07, 2053.	1.5	11
62	Assessment of TNF α contribution to the functional up-regulation of kinin B1 receptors in the mouse paw after treatment with LPS. <i>International Immunopharmacology</i> , 2005, 5, 1593-1600.	1.7	9
63	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.	1.9	9
64	Polysaccharides with Antitumor Effect in Breast Cancer: A Systematic Review of Non-Clinical Studies. <i>Nutrients</i> , 2021, 13, 2008.	1.7	9
65	Mechanisms Underlying Lipopolysaccharide-Induced Kinin B1 Receptor Up-Regulation in the Pig Iris Sphincter in Vitro. <i>Molecular Pharmacology</i> , 2006, 69, 1701-1708.	1.0	8
66	Transient receptor potential canonical 5 channels plays an essential role in hepatic dyslipidemia associated with cholestasis. <i>Scientific Reports</i> , 2017, 7, 2338.	1.6	8
67	The Hydroalcoholic Extract Obtained from <i>Mentha piperita</i> L. Leaves Attenuates Oxidative Stress and Improves Survival in Lipopolysaccharide-Treated Macrophages. <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	0.9	7
68	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.	0.3	7
69	The latex of <i>Euphorbia tirucalli</i> inhibits staphyloxanthin production and protects <i>Tenebrio molitor</i> larvae against <i>Staphylococcus aureus</i> infection. <i>Natural Product Research</i> , 2020, 34, 3536-3539.	1.0	6
70	Tissue Proteases and Immune Responses: Influencing Factors of COVID-19 Severity and Mortality. <i>Pathogens</i> , 2020, 9, 817.	1.2	6
71	An Overview of the TRP-Oxidative Stress Axis in Metabolic Syndrome: Insights for Novel Therapeutic Approaches. <i>Cells</i> , 2022, 11, 1292.	1.8	6
72	Peripheral Neurokinin-1 Receptors Contribute to Kaolin-Induced Acute Monoarthritis in Rats. <i>NeuroImmunoModulation</i> , 2015, 22, 373-384.	0.9	5

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73	Ocular Manifestations of Chikungunya Infection: A Systematic Review. <i>Pathogens</i> , 2022, 11, 412.	1.2	5
74	TRPV1 Contributes to Cerebral Malaria Severity and Mortality by Regulating Brain Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	4
75	Evaluation of in vitro Antifungal Activity of <i>Xylostroma prockia</i> (Turcz.) Turcz. (Salicaceae) Leaves Against <i>Cryptococcus</i> spp.. <i>Frontiers in Microbiology</i> , 2020, 10, 3114.	1.5	4
76	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.	1.3	4
77	The potential anti-inflammatory and anti-nociceptive effects of rat hemopressin (PVNFKFLSH) in experimental arthritis. <i>European Journal of Pharmacology</i> , 2021, 890, 173636.	1.7	4
78	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, 1-13.	0.9	3
79	TRP Receptors in Arthritis, Gaining Knowledge for Translation from Experimental Models. <i>Open Pain Journal</i> , 2013, 6, 50-61.	0.4	3
80	Evidence of a Role for the TRPC Subfamily in Mediating Oxidative Stress in Parkinson's Disease. <i>Frontiers in Physiology</i> , 2020, 11, 332.	1.3	2
81	Monitoring of Peripheral Blood Leukocytes and Plasma Samples: A Pilot Study to Examine Treatment Response to Leflunomide in Rheumatoid Arthritis. <i>Pharmaceuticals</i> , 2021, 14, 106.	1.7	1
82	Analysis of salivary parameters of mucopolysaccharidosis individuals. <i>Brazilian Oral Research</i> , 2022, 36, e011.	0.6	1
83	PAF-induced kinin B1 receptor in vivo up-regulation: involvement of distinct kinase pathways. <i>Inflammation Research</i> , 2007, 56, S488-S491.	1.6	0
84	TRPA1 channels play a critical role in cold-induced vasodilatation. <i>FASEB Journal</i> , 2013, 27, lb601.	0.2	0
85	Substance P in Inflammation. , 2014, , 1-8.		0
86	Substance P in Inflammation. , 2016, , 1221-1227.		0