

Simone Aparecida Teixeira

List of Publications by Year in descending order

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84
papers

2,334
citations

218677

26
h-index

243625

44
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92
all docs

92
docs citations

92
times ranked

3828
citing authors

#	ARTICLE	IF	CITATIONS
1	ET _A Receptor Blockade Decreases Vascular Superoxide Generation in DOCA-Salt Hypertension. <i>Hypertension</i> , 2003, 42, 811-817.	2.7	134
2	Infrared (810-nm) low-level laser therapy on rat experimental knee inflammation. <i>Lasers in Medical Science</i> , 2012, 27, 71-78.	2.1	127
3	Effects of different protocol doses of low power gallium-aluminum-arsenate (Ga-Al-As) laser radiation (650 nm) on carrageenan induced rat paw oedema. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 74, 101-107.	3.8	122
4	Acute inhibition of nitric oxide synthesis induces anxiolysis in the plus maze test. <i>European Journal of Pharmacology</i> , 1997, 323, 37-43.	3.5	101
5	MyD88 Signaling Pathway Is Involved in Renal Fibrosis by Favoring a TH2 Immune Response and Activating Alternative M2 Macrophages. <i>Molecular Medicine</i> , 2012, 18, 1231-1239.	4.4	94
6	Differing effects of exogenous and endogenous hydrogen sulphide in carrageenan-induced knee joint synovitis in the rat. <i>British Journal of Pharmacology</i> , 2010, 159, 1463-1474.	5.4	89
7	Bothrops asper and Bothrops jararaca snake venoms trigger microbicidal functions of peritoneal leukocytes in vivo. <i>Toxicon</i> , 2001, 39, 1505-1513.	1.6	72
8	Synthesis, biological evaluation and molecular docking studies of 3-(triazolyl)-coumarin derivatives: Effect on inducible nitric oxide synthase. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 117-127.	5.5	71
9	Neuronal degeneration and gliosis time-course in the mouse hippocampal formation after pilocarpine-induced status epilepticus. <i>Brain Research</i> , 2012, 1470, 98-110.	2.2	64
10	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
11	Neuroprotective action of melatonin on neonatal rat motoneurons after sciatic nerve transection. <i>Brain Research</i> , 2002, 926, 33-41.	2.2	55
12	Effects of photobiomodulation therapy, pharmacological therapy, and physical exercise as single and/or combined treatment on the inflammatory response induced by experimental osteoarthritis. <i>Lasers in Medical Science</i> , 2017, 32, 101-108.	2.1	55
13	Infrared (810-nm) Low-Level Laser Therapy in Rat Achilles Tendinitis: A Consistent Alternative to Drugs. <i>Photochemistry and Photobiology</i> , 2011, 87, 1447-1452.	2.5	46
14	Mesenchymal Stromal Cell-Derived Microvesicles Regulate an Internal Pro-Inflammatory Program in Activated Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 881.	4.8	46
15	Long-term nitric oxide deficiency causes muscarinic supersensitivity and reduces β_2 -adrenoceptor-mediated relaxation, causing rat detrusor overactivity. <i>British Journal of Pharmacology</i> , 2008, 153, 1659-1668.	5.4	44
16	Tetrahydrobiopterin improves endothelial dysfunction and vascular oxidative stress in microvessels of intrauterine undernourished rats. <i>Journal of Physiology</i> , 2004, 558, 239-248.	2.9	41
17	Effect of <i>Tityus serrulatus</i> scorpion venom on the rabbit isolated corpus cavernosum and the involvement of NANC nitrergic nerve fibres. <i>British Journal of Pharmacology</i> , 1998, 123, 435-442.	5.4	38
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	Upregulation of gp91phox Subunit of NAD(P)H Oxidase Contributes to Erectile Dysfunction Caused by Long-term Nitric Oxide Inhibition in Rats: Reversion by Regular Physical Training. <i>Urology</i> , 2010, 75, 961-967.	1.0	34
20	A comparative study on the anti-inflammatory effects of single oral doses of naproxen and its hydrogen sulfide (H ₂ S)-releasing derivative ATB-346 in rats with carrageenan-induced synovitis. <i>Medical Gas Research</i> , 2013, 3, 24.	2.3	32
21	Expression and activity of nitric oxide synthase isoforms in rat brain during the development of experimental allergic encephalomyelitis. <i>Molecular Brain Research</i> , 2002, 99, 17-25.	2.3	28
22	Inflammatory mechanisms underlying the rat pulmonary neutrophil influx induced by airway exposure to staphylococcal enterotoxin type A. <i>British Journal of Pharmacology</i> , 2005, 146, 781-791.	5.4	28
23	Environmental Tobacco Smoke Induces Oxidative Stress in Distinct Brain Regions of Infant Mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 971-980.	2.3	28
24	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
25	Acute pulmonary inflammation induced by exposure of the airways to staphylococcal enterotoxin type B in rats. <i>Toxicology and Applied Pharmacology</i> , 2006, 217, 107-113.	2.8	27
26	The H ₂ S-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
27	Isolated and combined effects of photobiomodulation therapy, topical nonsteroidal anti-inflammatory drugs, and physical activity in the treatment of osteoarthritis induced by papain. <i>Journal of Biomedical Optics</i> , 2016, 21, 108001.	2.6	27
28	<i>Uncaria tomentosa</i> Exerts Extensive Anti-Neoplastic Effects against the Walker-256 Tumour by Modulating Oxidative Stress and Not by Alkaloid Activity. <i>PLoS ONE</i> , 2013, 8, e54618.	2.5	27
29	Effects of voluntary running on spatial memory and mature brain-derived neurotrophic factor expression in mice hippocampus after status epilepticus. <i>Behavioural Brain Research</i> , 2009, 203, 165-172.	2.2	26
30	Peripheral Blood Mononuclear Phagocytes From Patients With Chronic Periodontitis Are Primed for Osteoclast Formation. <i>Journal of Periodontology</i> , 2014, 85, e72-81.	3.4	26
31	Mechanisms Involved in the Enhancement of Allergic Airways Neutrophil Influx by Permanent C-Fiber Degeneration in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 440-448.	2.5	25
32	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
33	<i>Uncaria tomentosa</i> improves insulin sensitivity and inflammation in experimental NAFLD. <i>Scientific Reports</i> , 2018, 8, 11013.	3.3	25
34	Nitric oxide-derived species in synovial fluid from patients with juvenile idiopathic arthritis. <i>Journal of Rheumatology</i> , 2004, 31, 992-7.	2.0	25
35	Celecoxib prevents tumor growth in an animal model by a COX-2 independent mechanism. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 267-276.	2.3	24
36	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

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37	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in rats part 2: biochemical aspects. <i>Lasers in Medical Science</i> , 2017, 32, 1879-1887.	2.1	24
38	Oral administration of antioxidants improves skin wound healing in diabetic mice. <i>Wound Repair and Regeneration</i> , 2016, 24, 981-993.	3.0	23
39	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
40	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in rats part 1: morphological and functional aspects. <i>Lasers in Medical Science</i> , 2017, 32, 2111-2120.	2.1	23
41	Superoxide dismutase isoforms 1 and 2 in lumbar spinal cord of neonatal rats after sciatic nerve transection and melatonin treatment. <i>Developmental Brain Research</i> , 2005, 154, 217-225.	1.7	22
42	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
43	Inhibition of inducible nitric oxide synthase-derived nitric oxide as a therapeutic target for acute pancreatitis induced by secretory phospholipase α_2 . <i>European Journal of Pain</i> , 2014, 18, 691-700.	2.8	21
44	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
45	Role of nitric oxide on the increased vascular permeability and neutrophil accumulation induced by staphylococcal enterotoxin B into the mouse paw. Abbreviations: SEB, staphylococcal enterotoxin B; NO, nitric oxide; NOS, nitric oxide synthase; l-NAME, N ^G -nitro-l-arginine methyl ester; d-NAME, N ^G -nitro-d-arginine methyl ester; MPO, myeloperoxidase; IL, interleukin; TNF, tumor necrosis factor; and IFN, interferon. <i>Biochemical Pharmacology</i> , 2001, 61, 1305-1311.	4.4	18
46	LYMPHATIC-BORNE IL-1 β AND THE INDUCIBLE ISOFORM OF NITRIC OXIDE SYNTHASE TRIGGER THE BRONCHIAL HYPORESPONSIVENESS AFTER INTESTINAL ISCHEMIA/REPERFUSION IN RATS. <i>Shock</i> , 2007, 28, 694-699.	2.1	17
47	Development of cardiomyocyte hypotrophy in rats under prolonged treatment with a low dose of a nitric oxide synthesis inhibitor. <i>European Journal of Pharmacology</i> , 2000, 391, 121-126.	3.5	16
48	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
49	Role of an Indole-Thiazolidine Molecule PPAR Pan-Agonist and COX Inhibitor on Inflammation and Microcirculatory Damage in Acute Gastric Lesions. <i>PLoS ONE</i> , 2013, 8, e76894.	2.5	16
50	The role of nitric oxide on the relaxations of rabbit corpus cavernosum induced by <i>Androctonus australis</i> and <i>Buthotus judaicus</i> scorpion venoms. <i>Toxicon</i> , 2001, 39, 633-639.	1.6	15
51	Intracellular mechanisms of hydroquinone toxicity on endotoxin-activated neutrophils. <i>Archives of Toxicology</i> , 2012, 86, 1773-1781.	4.2	15
52	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
53	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
54	mRNA and protein expression and activities of nitric oxide synthases in the lumbar spinal cord of neonatal rats after sciatic nerve transection and melatonin administration. <i>Neuroscience Letters</i> , 2006, 407, 182-187.	2.1	13

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55	Involvement of nitric oxide on the peritoneal neutrophil influx induced by staphylococcal enterotoxin B in mouse. <i>Toxicon</i> , 2001, 39, 1383-1386.	1.6	12
56	Role of a Novel Tetrodotoxin-Resistant Sodium Channel in the Nitregic Relaxation of Corpus Cavernosum from the South American Rattlesnake <i>Crotalus Durissus Terrificus</i> . <i>Journal of Sexual Medicine</i> , 2011, 8, 1616-1625.	0.6	12
57	The renin-angiotensin system plays a major role in voiding dysfunction of ovariectomized rats. <i>Life Sciences</i> , 2013, 93, 820-829.	4.3	12
58	Effects of Selective Versus Non-Selective COX-2 Inhibition on Experimental Periodontitis. <i>Brazilian Dental Journal</i> , 2019, 30, 133-138.	1.1	12
59	Nitric oxide modulates lipopolysaccharide-induced endothelial platelet endothelial cell adhesion molecule expression via interleukin-10. <i>Clinical and Experimental Immunology</i> , 2011, 165, 172-179.	2.6	11
60	The inclusion complex of carvacrol and β -cyclodextrin reduces acute skeletal muscle inflammation and nociception in rats. <i>Pharmacological Reports</i> , 2018, 70, 1139-1145.	3.3	11
61	Effects of neonatal capsaicin treatment in the neutrophil production, and expression of preprotachykinin-I and tachykinin receptors in the rat bone marrow. <i>Neuroscience Letters</i> , 2006, 407, 70-73.	2.1	10
62	In vivo blockade of Ca ²⁺ -dependent nitric oxide synthases impairs expressions of L-selectin and PECAM-1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 694-698.	2.1	9
63	Involvement of neuronal nitric oxide synthase in cross-sensitization between chronic unpredictable stress and ethanol in adolescent and adult mice. <i>Alcohol</i> , 2018, 68, 71-79.	1.7	9
64	Experimental autoimmune encephalomyelitis: A heterogeneous group of animal models to study human multiple sclerosis. <i>Drug Discovery Today: Disease Models</i> , 2005, 2, 127-134.	1.2	8
65	Platelet-rich plasma stimulates cytokine expression and alkaline phosphatase activity in osteoblast-derived osteosarcoma cells. <i>Archives of Oral Biology</i> , 2012, 57, 1282-1289.	1.8	8
66	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
67	Different mechanisms underlie the effects of acute and long-term inhibition of nitric oxide synthases in antigen-induced pulmonary eosinophil recruitment in BALB/C mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 1-8.	2.6	7
68	Expression of glyceraldehyde 3-phosphate dehydrogenase is enhanced in <i>Leishmania</i> spp naturally resistant to nitric oxide. <i>Genetics and Molecular Research</i> , 2015, 14, 7113-7121.	0.2	7
69	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.	2.2	7
70	Expression of neuronal isoform of nitric oxide synthase in spinal neurons of neonatal rats after sciatic nerve transection. <i>Neuroscience Letters</i> , 2001, 307, 61-64.	2.1	6
71	Ablation of primary afferent neurons by neonatal capsaicin treatment reduces the susceptibility of the portal hypertensive gastric mucosa to ethanol-induced injury in cirrhotic rats. <i>European Journal of Pharmacology</i> , 2008, 589, 245-250.	3.5	6
72	In vivo inhibition of nitric oxide synthesis does not depend on renin-angiotensin system activation. <i>European Journal of Pharmacology</i> , 1996, 317, 285-291.	3.5	5

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73	Daily cycling of nitric oxide synthase (NOS) in the hippocampus of pigeons (<i>C. livia</i>). <i>Journal of Circadian Rhythms</i> , 2014, 11, 12.	1.3	5
74	Nitric oxide synthase activity and endogenous inhibitors in rats recovered from allergic encephalomyelitis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 25-27.	1.6	5
75	Upregulation of muscarinic receptors by long-term nitric oxide inhibition in the rat ileum. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003, 30, 168-173.	1.9	4
76	TRPV1 Contributes to Cerebral Malaria Severity and Mortality by Regulating Brain Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	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.	3.5	4
78	Leukotriene receptor antagonist reduces inflammation and alveolar bone loss in a rat model of experimental periodontitis. <i>Journal of Periodontology</i> , 2021, 92, e84-e93.	3.4	4
79	Vasorelaxant Activity of AP39, a Mitochondria-Targeted H ₂ S Donor, on Mouse Mesenteric Artery Rings In Vitro. <i>Biomolecules</i> , 2022, 12, 280.	4.0	4
80	Effects of trabectedin in the zebrafish <i>Danio rerio</i> : from cells to larvae. <i>Environmental Advances</i> , 2022, 8, 100208.	4.8	4
81	Avaliação da lesão muscular após estiramento controlado em ratos diabéticos. <i>ConScientiae Saúde</i> , 2011, 10, 201-209.	0.1	3
82	L-Arginine supplementation blunts resistance exercise improvement in rats with chronic kidney disease. <i>Life Sciences</i> , 2019, 232, 116604.	4.3	2
83	The effect of inhaled nitric oxide on the carrageenan-induced paw edema. <i>Histology and Histopathology</i> , 2015, 30, 117-24.	0.7	2
84	Metformin disrupts insulin secretion, causes proapoptotic and oxidative effects in rat pancreatic beta cells in vitro. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, , e23007.	3.0	0