

Carla M. Prado

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,316
citations

186265

28
h-index

254184

43
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88
all docs

88
docs citations

88
times ranked

2946
citing authors

#	ARTICLE	IF	CITATIONS
1	Different Phenotypes in Asthma: Clinical Findings and Experimental Animal Models. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 62, 240-263.	6.5	8
2	The effects of exercise training on the lungs and cardiovascular function of animals exposed to diesel exhaust particles and gases. <i>Environmental Research</i> , 2022, 203, 111768.	7.5	8
3	Sakuranetin exerts anticonvulsant effect in bicuculline-induced seizures. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 663-673.	1.9	3
4	Exposure to Sodium Hypochlorite or Cigarette Smoke Induces Lung Injury and Mechanical Impairment in Wistar Rats. <i>Inflammation</i> , 2022, 45, 1464-1483.	3.8	2
5	Aerobic exercise training engages cholinergic signaling to improve emphysema induced by cigarette smoke exposure in mice. <i>Life Sciences</i> , 2022, 301, 120599.	4.3	0
6	Preventive and therapeutic effect of anti-IL-17 in an experimental model of elastase-induced lung injury in C57Bl6 mice. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C341-C354.	4.6	7
7	17 β -estradiol reduces SARS-CoV-2 infection in vitro. <i>Physiological Reports</i> , 2021, 9, e14707.	1.7	42
8	Sleep Deprivation Interferes with JAK/STAT Signaling Pathway and Myogenesis in the Masseter Muscle of Rats. <i>Medical Principles and Practice</i> , 2021, 30, 253-261.	2.4	5
9	Lung Edema and Mortality Induced by Intestinal Ischemia and Reperfusion Is Regulated by VAcHT Levels in Female Mice. <i>Inflammation</i> , 2021, 44, 1553-1564.	3.8	2
10	New perspectives on natural flavonoids on COVID-19-induced lung injuries. <i>Phytotherapy Research</i> , 2021, 35, 4988-5006.	5.8	23
11	Effects of Eugenol and Dehydrodieugenol B from <i>Nectandra leucantha</i> against Lipopolysaccharide (LPS)-Induced Experimental Acute Lung Inflammation. <i>Journal of Natural Products</i> , 2021, 84, 2282-2294.	3.0	11
12	Acute Lung Injury in Cholinergic-Deficient Mice Supports Anti-Inflammatory Role of α 7 Nicotinic Acetylcholine Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7552.	4.1	6
13	Long-term endogenous acetylcholine deficiency potentiates pulmonary inflammation in a murine model of elastase-induced emphysema. <i>Scientific Reports</i> , 2021, 11, 15918.	3.3	1
14	Evaluation of cytogenetic damage in exfoliated nasal epithelial cells contributes to a better understanding of the pathogenesis of rhinosinusitis. <i>Brazilian Journal of Otorhinolaryngology</i> , 2020, 86, 268-269.	1.0	1
15	Bronchial Vascular Remodeling Is Attenuated by Anti-IL-17 in Asthmatic Responses Exacerbated by LPS. <i>Frontiers in Pharmacology</i> , 2020, 11, 1269.	3.5	15
16	Biseugenol Exhibited Anti-Inflammatory and Anti-Asthmatic Effects in an Asthma Mouse Model of Mixed-Granulocytic Asthma. <i>Molecules</i> , 2020, 25, 5384.	3.8	2
17	Dehydrodieugenol improved lung inflammation in an asthma model by inhibiting the STAT3/SOCS3 and MAPK pathways. <i>Biochemical Pharmacology</i> , 2020, 180, 114175.	4.4	19
18	SARS-CoV-2 and the possible connection to ERs, ACE2, and RAGE: Focus on susceptibility factors. <i>FASEB Journal</i> , 2020, 34, 14103-14119.	0.5	39

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19	Th17/Treg imbalance in COPD development: suppressors of cytokine signaling and signal transducers and activators of transcription proteins. <i>Scientific Reports</i> , 2020, 10, 15287.	3.3	20
20	Effects of VACHT reduction and $\pm 7nAChR$ stimulation by PNU-282987 in lung inflammation in a model of chronic allergic airway inflammation. <i>European Journal of Pharmacology</i> , 2020, 882, 173239.	3.5	12
21	Chronic exposure to diesel particles worsened emphysema and increased M2-like phenotype macrophages in a PPE-induced model. <i>PLoS ONE</i> , 2020, 15, e0228393.	2.5	13
22	17 β -Estradiol, a potential ally to alleviate SARS-CoV-2 infection. <i>Clinics</i> , 2020, 75, e1980.	1.5	64
23	Effect of anti-IL17 and/or Rho-kinase inhibitor treatments on vascular remodeling induced by chronic allergic pulmonary inflammation. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662096266.	2.6	5
24	<i>Petiveria alliacea</i> , a plant used in Afro-Brazilian smoke rituals, triggers pulmonary inflammation in rats. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 656-664.	1.4	8
25	Evaluation of the neuromuscular junction in a middle-aged mouse model of congenital myasthenic syndrome. <i>Muscle and Nerve</i> , 2019, 60, 790-800.	2.2	2
26	Galloyl-Hexahydroxydiphenoyl (HHDP)-Glucose Isolated From <i>Punica granatum</i> L. Leaves Protects Against Lipopolysaccharide (LPS)-Induced Acute Lung Injury in BALB/c Mice. <i>Frontiers in Immunology</i> , 2019, 10, 1978.	4.8	16
27	Inhibition of MAPK and STAT3-SOCS3 by Sakuranetin Attenuated Chronic Allergic Airway Inflammation in Mice. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	3.0	23
28	iNOS Inhibition Reduces Lung Mechanical Alterations and Remodeling Induced by Particulate Matter in Mice. <i>Pulmonary Medicine</i> , 2019, 2019, 1-12.	1.9	16
29	Microenvironmental stimuli induce different macrophage polarizations in experimental models of emphysema. <i>Biology Open</i> , 2019, 8, .	1.2	12
30	Extracellular Matrix Component Remodeling in Respiratory Diseases: What Has Been Found in Clinical and Experimental Studies?. <i>Cells</i> , 2019, 8, 342.	4.1	95
31	Vesicular acetylcholine transport deficiency potentiates some inflammatory responses induced by diesel exhaust particles. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 494-504.	6.0	14
32	A plant proteinase inhibitor from <i>Enterolobium contortisiliquum</i> attenuates airway hyperresponsiveness, inflammation and remodeling in a mouse model of asthma. <i>Histology and Histopathology</i> , 2019, 34, 537-552.	0.7	7
33	Effect of Anti-IL17 Antibody Treatment Alone and in Combination With Rho-Kinase Inhibitor in a Murine Model of Asthma. <i>Frontiers in Physiology</i> , 2018, 9, 1183.	2.8	34
34	The Plant Proteinase Inhibitor <i>Crataegus</i> Plays a Role in Controlling Asthma Response in Mice. <i>BioMed Research International</i> , 2018, 2018, 1-15.	1.9	15
35	Protective Effects of Anti-IL17 on Acute Lung Injury Induced by LPS in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1021.	3.5	40
36	Anti - IL17 treatment control responses in lung injury induced by elastase. , 2018, , .		0

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37	Prophylactic and therapeutic treatment with the flavonone sakuranetin ameliorates LPS-induced acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L217-L230.	2.9	38
38	Acute lung injury is reduced by the $\alpha 7$ nAChR agonist PNU-282987 through changes in the macrophage profile. <i>FASEB Journal</i> , 2017, 31, 320-332.	0.5	78
39	Plant Proteinase Inhibitor BbCI Modulates Lung Inflammatory Responses and Mechanic and Remodeling Alterations Induced by Elastase in Mice. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	13
40	A Plant Proteinase Inhibitor from <i>Enterolobium contortisiliquum</i> Attenuates Pulmonary Mechanics, Inflammation and Remodeling Induced by Elastase in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 403.	4.1	21
41	Effects of Anti-IL-17 on Inflammation, Remodeling, and Oxidative Stress in an Experimental Model of Asthma Exacerbated by LPS. <i>Frontiers in Immunology</i> , 2017, 8, 1835.	4.8	76
42	Evidences of Herbal Medicine-Derived Natural Products Effects in Inflammatory Lung Diseases. <i>Mediators of Inflammation</i> , 2016, 2016, 1-14.	3.0	59
43	The Plant-Derived <i>Bauhinia bauhinioides</i> Kallikrein Proteinase Inhibitor (rBbKI) Attenuates Elastase-Induced Emphysema in Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	18
44	Structurally Related Monoterpenes p-Cymene, Carvacrol and Thymol Isolated from Essential Oil from Leaves of <i>Lippia sidoides</i> Cham. (Verbenaceae) Protect Mice against Elastase-Induced Emphysema. <i>Molecules</i> , 2016, 21, 1390.	3.8	44
45	Sakuranetin reverses vascular peribronchial and lung parenchyma remodeling in a murine model of chronic allergic pulmonary inflammation. <i>Acta Histochemica</i> , 2016, 118, 615-624.	1.8	23
46	Reduced expression of VACHT increases renal fibrosis. <i>Pathophysiology</i> , 2016, 23, 229-236.	2.2	6
47	Low level laser therapy reduces acute lung inflammation without impairing lung function. <i>Journal of Biophotonics</i> , 2016, 9, 1199-1207.	2.3	13
48	The Role of Acetylcholine in the Inflammatory Response in Animals Surviving Sepsis Induced by Cecal Ligation and Puncture. <i>Molecular Neurobiology</i> , 2016, 53, 6635-6643.	4.0	29
49	A flavanone from <i>Baccharis retusa</i> (Asteraceae) prevents elastase-induced emphysema in mice by regulating NF- κ B, oxidative stress and metalloproteinases. <i>Respiratory Research</i> , 2015, 16, 79.	3.6	32
50	Pulmonary Inflammation Is Regulated by the Levels of the Vesicular Acetylcholine Transporter. <i>PLoS ONE</i> , 2015, 10, e0120441.	2.5	32
51	Increased Airway Reactivity and Hyperinsulinemia in Obese Mice Are Linked by ERK Signaling in Brain Stem Cholinergic Neurons. <i>Cell Reports</i> , 2015, 11, 934-943.	6.4	22
52	A plant proteinase inhibitor from <i>Crataeva tapia</i> (CrataBL) attenuates elastase-induced pulmonary inflammatory, remodeling, and mechanical alterations in mice. <i>Process Biochemistry</i> , 2015, 50, 1958-1965.	3.7	5
53	Y-27632 is associated with corticosteroid-potentiated control of pulmonary remodeling and inflammation in guinea pigs with chronic allergic inflammation. <i>BMC Pulmonary Medicine</i> , 2015, 15, 85.	2.0	33
54	Cytochrome P450 genotypes are not associated with refractoriness to antipsychotic treatment. <i>Schizophrenia Research</i> , 2015, 168, 587-588.	2.0	13

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55	A Treatment with a Protease Inhibitor Recombinant from the Cattle Tick (<i>Rhipicephalus Boophilus</i>) Tj ETQq1 1 0.784314 rgBT ₁ /Overlo	2.5	26
56	Structure-Activity Association of Flavonoids in Lung Diseases. <i>Molecules</i> , 2014, 19, 3570-3595.	3.8	137
57	Effects of Rho-kinase inhibition in lung tissue with chronic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2014, 192, 134-146.	1.6	37
58	The Expression of Nitric Oxide in the Gingival Tissue in Subjects with Periodontitis and Chronic Pain. <i>International Journal of Odontostomatology</i> , 2014, 8, 279-287.	0.1	0
59	Modulation of the oscillatory mechanics of lung tissue and the oxidative stress response induced by arginase inhibition in a chronic allergic inflammation model. <i>BMC Pulmonary Medicine</i> , 2013, 13, 52.	2.0	20
60	Effects of corticosteroid, montelukast and iNOS inhibition on distal lung with chronic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 435-445.	1.6	18
61	Antileukotriene Reverts the Early Effects of Inflammatory Response of Distal Parenchyma in Experimental Chronic Allergic Inflammation. <i>BioMed Research International</i> , 2013, 2013, 1-15.	1.9	4
62	Flavonone treatment reverses airway inflammation and remodelling in an asthma murine model. <i>British Journal of Pharmacology</i> , 2013, 168, 1736-1749.	5.4	75
63	Eosinophilic Inflammation in Allergic Asthma. <i>Frontiers in Pharmacology</i> , 2013, 4, 46.	3.5	136
64	A comparative study of extracellular matrix remodeling in two murine models of emphysema. <i>Histology and Histopathology</i> , 2013, 28, 269-76.	0.7	26
65	Rho-kinase inhibition attenuates airway responsiveness, inflammation, matrix remodeling, and oxidative stress activation induced by chronic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L939-L952.	2.9	65
66	Stress amplifies lung tissue mechanics, inflammation and oxidative stress induced by chronic inflammation. <i>Experimental Lung Research</i> , 2012, 38, 344-354.	1.2	11
67	Effects of Repeated Stress on Distal Airway Inflammation, Remodeling and Mechanics in an Animal Model of Chronic Airway Inflammation. <i>NeuroImmunoModulation</i> , 2012, 19, 1-9.	1.8	5
68	Inducible Nitric Oxide Synthase Inhibition Attenuates Physical Stress-Induced Lung Hyper-Responsiveness and Oxidative Stress in Animals with Lung Inflammation. <i>NeuroImmunoModulation</i> , 2012, 19, 158-170.	1.8	14
69	Inactivation of capsaicin-sensitive nerves reduces pulmonary remodeling in guinea pigs with chronic allergic pulmonary inflammation. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 130-139.	1.5	5
70	Effects of inducible nitric oxide synthase inhibition in bronchial vascular remodeling-induced by chronic allergic pulmonary inflammation. <i>Experimental Lung Research</i> , 2011, 37, 259-268.	1.2	30
71	Nitric Oxide in Asthma Physiopathology. <i>ISRN Allergy</i> , 2011, 2011, 1-13.	3.1	81
72	Respiratory mechanics do not always mirror pulmonary histological changes in emphysema. <i>Clinics</i> , 2011, 66, 1797-803.	1.5	30

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73	Repeated stress reduces mucociliary clearance in animals with chronic allergic airway inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 79-85.	1.6	12
74	Effects of pneumonectomy on nitric oxide synthase expression and perivascular edema in the remaining lung of rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2009, 42, 1113-1118.	1.5	4
75	Oral tolerance attenuates airway inflammation and remodeling in a model of chronic pulmonary allergic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2009, 165, 13-21.	1.6	16
76	Inducible nitric oxide synthase inhibition attenuates lung tissue responsiveness and remodeling in a model of chronic pulmonary inflammation in guinea pigs. <i>Respiratory Physiology and Neurobiology</i> , 2009, 165, 185-194.	1.6	28
77	Capsaicin-sensitive nerves and neurokinins modulate non-neuronal nNOS expression in lung. <i>Respiratory Physiology and Neurobiology</i> , 2008, 160, 37-44.	1.6	9
78	Effects of chronic <scp> </scp>-NAME treatment lung tissue mechanics, eosinophilic and extracellular matrix responses induced by chronic pulmonary inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L1197-L1205.	2.9	40
79	Oral tolerance attenuates changes in in vitro lung tissue mechanics and extracellular matrix remodeling induced by chronic allergic inflammation in guinea pigs. <i>Journal of Applied Physiology</i> , 2008, 104, 1778-1785.	2.5	23
80	Effects of Stress and Neuropeptides on Airway Responses in Ovalbumin-Sensitized Rats. <i>NeuroImmunoModulation</i> , 2007, 14, 105-111.	1.8	12
81	Comparison of early and late responses to antigen of sensitized guinea pig parenchymal lung strips. <i>Journal of Applied Physiology</i> , 2006, 100, 1610-1616.	2.5	57
82	Effects of Nitric Oxide Synthases in Chronic Allergic Airway Inflammation and Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 457-465.	2.9	106
83	Neurokinins and inflammatory cell iNOS expression in guinea pigs with chronic allergic airway inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L741-L748.	2.9	41
84	Effects of acute and chronic nitric oxide inhibition in an experimental model of chronic pulmonary allergic inflammation in guinea pigs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L677-L683.	2.9	51
85	Comparison of glucocorticoid and cysteinyl leukotriene receptor antagonist treatments in an experimental model of chronic airway inflammation in guinea pigs. <i>Clinical and Experimental Allergy</i> , 2004, 34, 145-152.	2.9	47