List of Publications by Year in descending order

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RRUNO L DIAZ

#	Article	IF	CITATIONS
1	Lysophosphatidic acid (LPA) as a modulator of plasma membrane Ca2+-ATPase from basolateral membranes of kidney proximal tubules. Journal of Physiology and Biochemistry, 2021, 77, 321-329.	3.0	2
2	Eosinophils increase macrophage ability to control intracellular Leishmania amazonensis infection via PGD2 paracrine activity in vitro. Cellular Immunology, 2021, 363, 104316.	3.0	3
3	Acute catabolism of leukocyte lipid bodies: characterization of a nordihydroguaiaretic acid (NDGA)-induced proteasomal-dependent model. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 171, 102320.	2.2	0
4	Combined therapy with adipose tissue-derived mesenchymal stromal cells and meglumine antimoniate controls lesion development and parasite load in murine cutaneous leishmaniasis caused by Leishmania amazonensis. Stem Cell Research and Therapy, 2020, 11, 374.	5.5	5
5	Leptin Elicits In Vivo Eosinophil Migration and Activation: Key Role of Mast Cell-Derived PGD2. Frontiers in Endocrinology, 2020, 11, 572113.	3.5	12
6	Zika Virus Infects Human Placental Mast Cells and the HMC-1 Cell Line, and Triggers Degranulation, Cytokine Release and Ultrastructural Changes. Cells, 2020, 9, 975.	4.1	13
7	Eicosapentaenoic acid potentiates the therapeutic effects of adipose tissue-derived mesenchymal stromal cells on lung and distal organ injury in experimental sepsis. Stem Cell Research and Therapy, 2019, 10, 264.	5.5	33
8	Glucagon reduces airway hyperreactivity, inflammation, and remodeling induced by ovalbumin. Scientific Reports, 2019, 9, 6478.	3.3	13
9	Hexosamine Biosynthetic Pathway and Glycosylation Regulate Cell Migration in Melanoma Cells. Frontiers in Oncology, 2019, 9, 116.	2.8	37
10	Leukotriene B4 in equine asthma syndrome: what do we know so far?. Pesquisa Veterinaria Brasileira, 2019, 39, 723-727.	0.5	1
11	Polyunsaturated fatty acids and endocannabinoids in health and disease. Nutritional Neuroscience, 2018, 21, 695-714.	3.1	77
12	The allergic response mediated by fire ant venom proteins. Scientific Reports, 2018, 8, 14427.	3.3	13
13	Leptin Elicits LTC4 Synthesis by Eosinophils Mediated by Sequential Two-Step Autocrine Activation of CCR3 and PGD2 Receptors. Frontiers in Immunology, 2018, 9, 2139.	4.8	19
14	Development and Characterization of Nanoemulsion Containing Almond Oil, Biodegradable Polymer and Propranolol as Potential Treatment in Hemangioma. Macromolecular Symposia, 2018, 381, 1800121.	0.7	4
15	Eicosapentaenoic Acid Enhances the Effects of Mesenchymal Stromal Cell Therapy in Experimental Allergic Asthma. Frontiers in Immunology, 2018, 9, 1147.	4.8	36
16	Bone Marrow, Adipose, and Lung Tissue-Derived Murine Mesenchymal Stromal Cells Release Different Mediators and Differentially Affect Airway and Lung Parenchyma in Experimental Asthma. Stem Cells Translational Medicine, 2017, 6, 1557-1567.	3.3	74
17	Antioxidant Treatment Induces Hyperactivation of the HPA Axis by Upregulating ACTH Receptor in the Adrenal and Downregulating Glucocorticoid Receptors in the Pituitary. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	23
18	Effects of Bone Marrow Mesenchymal Stromal Cell Therapy in Experimental Cutaneous Leishmaniasis in BALB/c Mice Induced by Leishmania amazonensis. Frontiers in Immunology, 2017, 8, 893.	4.8	21

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19	Establishment of primary mixed cell cultures from spontaneous canine mammary tumors: Characterization of classic and new cancer-associated molecules. PLoS ONE, 2017, 12, e0184228.	2.5	6
20	Regular and moderate aerobic training before allergic asthma induction reduces lung inflammation and remodeling. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 1360-1372.	2.9	13
21	Efficacy of intranasal LaAg vaccine against Leishmania amazonensis infection in partially resistant C57Bl/6 mice. Parasites and Vectors, 2016, 9, 534.	2.5	23
22	Respiratory and Systemic Effects of LASSBio596 Plus Surfactant in Experimental Acute Respiratory Distress Syndrome. Cellular Physiology and Biochemistry, 2016, 38, 821-835.	1.6	10
23	Group V Secretory Phospholipase A2 Is Involved in Tubular Integrity and Sodium Handling in the Kidney. PLoS ONE, 2016, 11, e0147785.	2.5	9
24	P2×7 purinergic signaling in dilated cardiomyopathy induced by auto-immunity against muscarinic M2 receptors: autoantibody levels, heart functionality and cytokine expression. Scientific Reports, 2015, 5, 16940.	3.3	20
25	Cycloâ€Glyâ€Pro, a cyclic dipeptide, attenuates nociceptive behaviour and inflammatory response in mice. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1287-1295.	1.9	22
26	Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. Respiratory Research, 2014, 15, 118.	3.6	141
27	Effects of bone marrow mononuclear cells from healthy or ovalbumin-induced lung inflammation donors on recipient allergic asthma mice. Stem Cell Research and Therapy, 2014, 5, 108.	5.5	23
28	Intravenous Glutamine Administration Reduces Lung and Distal Organ Injury in Malnourished Rats With Sepsis. Shock, 2014, 41, 222-232.	2.1	20
29	DNA nanoparticle-mediated thymulin gene therapy prevents airway remodeling in experimental allergic asthma. Journal of Controlled Release, 2014, 180, 125-133.	9.9	51
30	Bone marrow-derived mononuclear cells vs. mesenchymal stromal cells in experimental allergic asthma. Respiratory Physiology and Neurobiology, 2013, 187, 190-198.	1.6	46
31	Impact of Bacillus Calmette–Guérin Moreau vaccine on lung remodeling in experimental asthma. Respiratory Physiology and Neurobiology, 2013, 189, 614-623.	1.6	11
32	Bone marrow mononuclear cell therapy in experimental allergic asthma: Intratracheal versus intravenous administration. Respiratory Physiology and Neurobiology, 2013, 185, 615-624.	1.6	28
33	Bone Marrow-Derived Mononuclear Cells Promote Improvement in Glomerular Function in Rats with Early Diabetic Nephropathy. Cellular Physiology and Biochemistry, 2013, 32, 699-718.	1.6	12
34	Effects of Mesenchymal Stem Cell Therapy on the Time Course of Pulmonary Remodeling Depend on the Etiology of Lung Injury in Mice. Critical Care Medicine, 2013, 41, e319-e333.	0.9	58
35	Bone Marrow Derived Mononuclear Cells And Mesenchymal Stem Cells: Which Is The Best Option To Reduce Inflammation And Remodelling In Experimental Chronic Allergic Asthma?. , 2012, , .		0
36	Regular and moderate exercise before experimental sepsis reduces the risk of lung and distal organ injury. Journal of Applied Physiology, 2012, 112, 1206-1214.	2.5	38

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37	Attenuation Of Lung Inflammation And Remodeling By Regular And Moderate Aerobic Exercise In Experimental Chronic Allergic Asthma. , 2012, , .		0
38	Thymulin Gene Therapy In Experimental Chronic Allergic Asthma: Impact Of Nanoparticle Delivery On Lung Inflammation And Remodeling. , 2012, , .		0
39	Hypertonic Stress Induces VEGF Production in Human Colon Cancer Cell Line Caco-2: Inhibitory Role of Autocrine PGE2. PLoS ONE, 2011, 6, e25193.	2.5	7
40	Coâ€operative signalling through DP ₁ and DP ₂ prostanoid receptors is required to enhance leukotriene C ₄ synthesis induced by prostaglandin D ₂ in eosinophils. British Journal of Pharmacology, 2011, 162, 1674-1685.	5.4	26
41	Eosinophils as a Novel Cell Source of Prostaglandin D2: Autocrine Role in Allergic Inflammation. Journal of Immunology, 2011, 187, 6518-6526.	0.8	82
42	Bone marrow-derived mononuclear cell therapy in experimental pulmonary and extrapulmonary acute lung injury. Critical Care Medicine, 2010, 38, 1733-1741.	0.9	60
43	Hypertonic environment elicits cyclooxygenase-2-driven prostaglandin E2 generation by colon cancer cells: Role of cytosolic phospholipase A2-1± and kinase signaling pathways. Prostaglandins Leukotrienes and Essential Fatty Acids, 2010, 82, 131-139.	2.2	11
44	Cytosolic phospholipase A2-driven PGE2 synthesis within unsaturated fatty acids-induced lipid bodies of epithelial cellsâ~†. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 156-165.	2.4	54
45	Leukotriene B4 mediates γδT lymphocyte migration in response to diverse stimuli. Journal of Leukocyte Biology, 2009, 87, 323-332.	3.3	38
46	Prostaglandin E2-EP1 and EP2 receptor signaling promotes apical junctional complex disassembly of Caco-2 human colorectal cancer cells. BMC Cell Biology, 2008, 9, 63.	3.0	25
47	Group V secretory phospholipase A2 amplifies the induction of cyclooxygenase 2 and delayed prostaglandin D2 generation in mouse bone marrow culture-derived mast cells in a strain-dependent manner. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 1489-1497.	2.4	32
48	Auto-antibodies in prostate cancer: Humoral immune response to antigenic determinants coded by the differentially expressed transcripts FLJ23438 and VAMP3. Prostate, 2006, 66, 1463-1473.	2.3	11
49	Cutting Edge: Prostaglandin D2 Enhances Leukotriene C4 Synthesis by Eosinophils during Allergic Inflammation: Synergistic In Vivo Role of Endogenous Eotaxin. Journal of Immunology, 2006, 176, 1326-1330.	0.8	54
50	Evaluating the prophylactic potential of the phtalimide derivative LASSBio 552 on allergen-evoked inflammation in rats. European Journal of Pharmacology, 2005, 511, 219-227.	3.5	2
51	A Novel Effect for Annexin 1-Derived Peptide Ac2-26: Reduction of Allergic Inflammation in the Rat. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 1416-1422.	2.5	50
52	Role of Group V Phospholipase A2 in Zymosan-induced Eicosanoid Generation and Vascular Permeability Revealed by Targeted Gene Disruption. Journal of Biological Chemistry, 2004, 279, 16488-16494.	3.4	144
53	Systemic anaphylaxis is prevented in alloxan-diabetic rats by a mechanism dependent on glucocorticoids. European Journal of Pharmacology, 2003, 472, 221-227.	3.5	19
54	Phospholipase A2. Prostaglandins Leukotrienes and Essential Fatty Acids, 2003, 69, 87-97.	2.2	105

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55	Adoptive Transfer of Mast Cells Abolishes the Inflammatory Refractoriness to Allergen in Diabetic Rats. International Archives of Allergy and Immunology, 2003, 131, 212-220.	2.1	29
56	Regulation of Prostaglandin Endoperoxide Synthase-2 and IL-6 Expression in Mouse Bone Marrow-Derived Mast Cells by Exogenous But Not Endogenous Prostanoids. Journal of Immunology, 2002, 168, 1397-1404.	0.8	36
57	Inhibition of Allergen-Induced Eosinophil Migration by Lipoxin (LX)A4and Aspirin-Triggered 15-Epi-LXA4. Advances in Experimental Medicine and Biology, 2002, 507, 211-216.	1.6	4
58	Participation of Cytosolic Phospholipase A2 in Eicosanoid Generation by Mouse Bone Marrow-Derived Mast Cells. Advances in Experimental Medicine and Biology, 2002, 507, 41-46.	1.6	10
59	Enhanced serum glucocorticoid levels mediate the reduction of serosal mast cell numbers in diabetic rats. Life Sciences, 2001, 68, 2925-2932.	4.3	15
60	Mechanism underlying acute resident leukocyte disappearance induced by immunological and non-immunological stimuli in rats: evidence for a role for the coagulation system. Inflammation Research, 2000, 49, 708-713.	4.0	6
61	Cutting Edge: Lipoxin (LX) A4 and Aspirin-Triggered 15-Epi-LXA4 Block Allergen-Induced Eosinophil Trafficking. Journal of Immunology, 2000, 164, 2267-2271.	0.8	114
62	Cyclooxygenase-2-Derived Prostaglandin E2 and Lipoxin A4 Accelerate Resolution of Allergic Edema in <i>Angiostrongylus costaricensis-</i> Infected Rats: Relationship with Concurrent Eosinophilia. Journal of Immunology, 2000, 164, 1029-1036.	0.8	126
63	Anti-Allergic Properties of the Natural PAF Antagonist Yangambin. Planta Medica, 1997, 63, 207-212.	1.3	30
64	Antigen-induced pleural eosinophilia is suppressed in diabetic rats: role of corticosteroid hormones. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 219-222.	1.6	14
65	Local exposure to salbutamol or Bt2 cyclic AMP inhibits pleural exudation and leukocyte influx caused by antigen in rats. European Journal of Pharmacology, 1996, 296, 173-180.	3.5	8
66	Selective inhibition of phosphodiesterase type IV suppresses the chemotactic responsiveness of rat eosinophils in vitro. European Journal of Pharmacology, 1996, 312, 89-96.	3.5	45
67	Alloxan Diabetes Reduces Pleural Mast Cell Numbers and the Subsequent Eosinophil Influx Induced by Allergen in Sensitized Rats. International Archives of Allergy and Immunology, 1996, 111, 36-43.	2.1	47
68	Pharmacological Modulation of the Late Eosinophilia Induced by Antigen in Actively Sensitized Rats. International Archives of Allergy and Immunology, 1992, 98, 355-360.	2.1	22
69	Suppression by cetirizine of pleurisy triggered by antigen in actively sensitized rats. European Journal of Pharmacology, 1992, 223, 9-14.	3.5	11