

Bruno L Diaz

List of Publications by Year in descending order

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69
papers

2,154
citations

201674

27
h-index

243625

44
g-index

70
all docs

70
docs citations

70
times ranked

2971
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Group V Phospholipase A2 in Zymosan-induced Eicosanoid Generation and Vascular Permeability Revealed by Targeted Gene Disruption. <i>Journal of Biological Chemistry</i> , 2004, 279, 16488-16494.	3.4	144
2	Effects of different mesenchymal stromal cell sources and delivery routes in experimental emphysema. <i>Respiratory Research</i> , 2014, 15, 118.	3.6	141
3	Cyclooxygenase-2-Derived Prostaglandin E2 and Lipoxin A4 Accelerate Resolution of Allergic Edema in <i>Angiostrongylus costaricensis</i> -Infected Rats: Relationship with Concurrent Eosinophilia. <i>Journal of Immunology</i> , 2000, 164, 1029-1036.	0.8	126
4	Cutting Edge: Lipoxin (LX) A4 and Aspirin-Triggered 15-Epi-LXA4 Block Allergen-Induced Eosinophil Trafficking. <i>Journal of Immunology</i> , 2000, 164, 2267-2271.	0.8	114
5	Phospholipase A2. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003, 69, 87-97.	2.2	105
6	Eosinophils as a Novel Cell Source of Prostaglandin D2: Autocrine Role in Allergic Inflammation. <i>Journal of Immunology</i> , 2011, 187, 6518-6526.	0.8	82
7	Polyunsaturated fatty acids and endocannabinoids in health and disease. <i>Nutritional Neuroscience</i> , 2018, 21, 695-714.	3.1	77
8	Bone Marrow, Adipose, and Lung Tissue-Derived Murine Mesenchymal Stromal Cells Release Different Mediators and Differentially Affect Airway and Lung Parenchyma in Experimental Asthma. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1557-1567.	3.3	74
9	Bone marrow-derived mononuclear cell therapy in experimental pulmonary and extrapulmonary acute lung injury. <i>Critical Care Medicine</i> , 2010, 38, 1733-1741.	0.9	60
10	Effects of Mesenchymal Stem Cell Therapy on the Time Course of Pulmonary Remodeling Depend on the Etiology of Lung Injury in Mice. <i>Critical Care Medicine</i> , 2013, 41, e319-e333.	0.9	58
11	Cutting Edge: Prostaglandin D2 Enhances Leukotriene C4 Synthesis by Eosinophils during Allergic Inflammation: Synergistic In Vivo Role of Endogenous Eotaxin. <i>Journal of Immunology</i> , 2006, 176, 1326-1330.	0.8	54
12	Cytosolic phospholipase A2-driven PGE2 synthesis within unsaturated fatty acids-induced lipid bodies of epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 156-165.	2.4	54
13	DNA nanoparticle-mediated thymulin gene therapy prevents airway remodeling in experimental allergic asthma. <i>Journal of Controlled Release</i> , 2014, 180, 125-133.	9.9	51
14	A Novel Effect for Annexin 1-Derived Peptide Ac2-26: Reduction of Allergic Inflammation in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 1416-1422.	2.5	50
15	Alloxan Diabetes Reduces Pleural Mast Cell Numbers and the Subsequent Eosinophil Influx Induced by Allergen in Sensitized Rats. <i>International Archives of Allergy and Immunology</i> , 1996, 111, 36-43.	2.1	47
16	Bone marrow-derived mononuclear cells vs. mesenchymal stromal cells in experimental allergic asthma. <i>Respiratory Physiology and Neurobiology</i> , 2013, 187, 190-198.	1.6	46
17	Selective inhibition of phosphodiesterase type IV suppresses the chemotactic responsiveness of rat eosinophils in vitro. <i>European Journal of Pharmacology</i> , 1996, 312, 89-96.	3.5	45
18	Leukotriene B4 mediates β T lymphocyte migration in response to diverse stimuli. <i>Journal of Leukocyte Biology</i> , 2009, 87, 323-332.	3.3	38

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19	Regular and moderate exercise before experimental sepsis reduces the risk of lung and distal organ injury. <i>Journal of Applied Physiology</i> , 2012, 112, 1206-1214.	2.5	38
20	Hexosamine Biosynthetic Pathway and Glycosylation Regulate Cell Migration in Melanoma Cells. <i>Frontiers in Oncology</i> , 2019, 9, 116.	2.8	37
21	Regulation of Prostaglandin Endoperoxide Synthase-2 and IL-6 Expression in Mouse Bone Marrow-Derived Mast Cells by Exogenous But Not Endogenous Prostanoids. <i>Journal of Immunology</i> , 2002, 168, 1397-1404.	0.8	36
22	Eicosapentaenoic Acid Enhances the Effects of Mesenchymal Stromal Cell Therapy in Experimental Allergic Asthma. <i>Frontiers in Immunology</i> , 2018, 9, 1147.	4.8	36
23	Eicosapentaenoic acid potentiates the therapeutic effects of adipose tissue-derived mesenchymal stromal cells on lung and distal organ injury in experimental sepsis. <i>Stem Cell Research and Therapy</i> , 2019, 10, 264.	5.5	33
24	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. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 1489-1497.	2.4	32
25	Anti-Allergic Properties of the Natural PAF Antagonist Yangambin. <i>Planta Medica</i> , 1997, 63, 207-212.	1.3	30
26	Adoptive Transfer of Mast Cells Abolishes the Inflammatory Refractoriness to Allergen in Diabetic Rats. <i>International Archives of Allergy and Immunology</i> , 2003, 131, 212-220.	2.1	29
27	Bone marrow mononuclear cell therapy in experimental allergic asthma: Intratracheal versus intravenous administration. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 615-624.	1.6	28
28	Cooperative signalling through DP ₁ and DP ₂ prostanoid receptors is required to enhance leukotriene C ₄ synthesis induced by prostaglandin D ₂ in eosinophils. <i>British Journal of Pharmacology</i> , 2011, 162, 1674-1685.	5.4	26
29	Prostaglandin E2-EP1 and EP2 receptor signaling promotes apical junctional complex disassembly of Caco-2 human colorectal cancer cells. <i>BMC Cell Biology</i> , 2008, 9, 63.	3.0	25
30	Effects of bone marrow mononuclear cells from healthy or ovalbumin-induced lung inflammation donors on recipient allergic asthma mice. <i>Stem Cell Research and Therapy</i> , 2014, 5, 108.	5.5	23
31	Efficacy of intranasal LaAg vaccine against <i>Leishmania amazonensis</i> infection in partially resistant C57Bl/6 mice. <i>Parasites and Vectors</i> , 2016, 9, 534.	2.5	23
32	Antioxidant Treatment Induces Hyperactivation of the HPA Axis by Upregulating ACTH Receptor in the Adrenal and Downregulating Glucocorticoid Receptors in the Pituitary. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	23
33	Pharmacological Modulation of the Late Eosinophilia Induced by Antigen in Actively Sensitized Rats. <i>International Archives of Allergy and Immunology</i> , 1992, 98, 355-360.	2.1	22
34	Cyclo-Gly-Pro, a cyclic dipeptide, attenuates nociceptive behaviour and inflammatory response in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1287-1295.	1.9	22
35	Effects of Bone Marrow Mesenchymal Stromal Cell Therapy in Experimental Cutaneous Leishmaniasis in BALB/c Mice Induced by <i>Leishmania amazonensis</i> . <i>Frontiers in Immunology</i> , 2017, 8, 893.	4.8	21
36	Intravenous Glutamine Administration Reduces Lung and Distal Organ Injury in Malnourished Rats With Sepsis. <i>Shock</i> , 2014, 41, 222-232.	2.1	20

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37	P2 ^U —7 purinergic signaling in dilated cardiomyopathy induced by auto-immunity against muscarinic M2 receptors: autoantibody levels, heart functionality and cytokine expression. <i>Scientific Reports</i> , 2015, 5, 16940.	3.3	20
38	Systemic anaphylaxis is prevented in alloxan-diabetic rats by a mechanism dependent on glucocorticoids. <i>European Journal of Pharmacology</i> , 2003, 472, 221-227.	3.5	19
39	Leptin Elicits LTC ₄ Synthesis by Eosinophils Mediated by Sequential Two-Step Autocrine Activation of CCR3 and PGD ₂ Receptors. <i>Frontiers in Immunology</i> , 2018, 9, 2139.	4.8	19
40	Enhanced serum glucocorticoid levels mediate the reduction of serosal mast cell numbers in diabetic rats. <i>Life Sciences</i> , 2001, 68, 2925-2932.	4.3	15
41	Antigen-induced pleural eosinophilia is suppressed in diabetic rats: role of corticosteroid hormones. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1997, 92, 219-222.	1.6	14
42	Regular and moderate aerobic training before allergic asthma induction reduces lung inflammation and remodeling. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 1360-1372.	2.9	13
43	The allergic response mediated by fire ant venom proteins. <i>Scientific Reports</i> , 2018, 8, 14427.	3.3	13
44	Glucagon reduces airway hyperreactivity, inflammation, and remodeling induced by ovalbumin. <i>Scientific Reports</i> , 2019, 9, 6478.	3.3	13
45	Zika Virus Infects Human Placental Mast Cells and the HMC-1 Cell Line, and Triggers Degranulation, Cytokine Release and Ultrastructural Changes. <i>Cells</i> , 2020, 9, 975.	4.1	13
46	Bone Marrow-Derived Mononuclear Cells Promote Improvement in Glomerular Function in Rats with Early Diabetic Nephropathy. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 699-718.	1.6	12
47	Leptin Elicits In Vivo Eosinophil Migration and Activation: Key Role of Mast Cell-Derived PGD ₂ . <i>Frontiers in Endocrinology</i> , 2020, 11, 572113.	3.5	12
48	Suppression by cetirizine of pleurisy triggered by antigen in actively sensitized rats. <i>European Journal of Pharmacology</i> , 1992, 223, 9-14.	3.5	11
49	Auto-antibodies in prostate cancer: Humoral immune response to antigenic determinants coded by the differentially expressed transcripts FLJ23438 and VAMP3. <i>Prostate</i> , 2006, 66, 1463-1473.	2.3	11
50	Hypertonic environment elicits cyclooxygenase-2-driven prostaglandin E ₂ generation by colon cancer cells: Role of cytosolic phospholipase A ₂ -1 α and kinase signaling pathways. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 82, 131-139.	2.2	11
51	Impact of Bacillus Calmette-Guérin Moreau vaccine on lung remodeling in experimental asthma. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 614-623.	1.6	11
52	Respiratory and Systemic Effects of LASSBio596 Plus Surfactant in Experimental Acute Respiratory Distress Syndrome. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 821-835.	1.6	10
53	Participation of Cytosolic Phospholipase A ₂ in Eicosanoid Generation by Mouse Bone Marrow-Derived Mast Cells. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 41-46.	1.6	10
54	Group V Secretory Phospholipase A ₂ Is Involved in Tubular Integrity and Sodium Handling in the Kidney. <i>PLoS ONE</i> , 2016, 11, e0147785.	2.5	9

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55	Local exposure to salbutamol or Bt2 cyclic AMP inhibits pleural exudation and leukocyte influx caused by antigen in rats. <i>European Journal of Pharmacology</i> , 1996, 296, 173-180.	3.5	8
56	Hypertonic Stress Induces VEGF Production in Human Colon Cancer Cell Line Caco-2: Inhibitory Role of Autocrine PGE2. <i>PLoS ONE</i> , 2011, 6, e25193.	2.5	7
57	Mechanism underlying acute resident leukocyte disappearance induced by immunological and non-immunological stimuli in rats: evidence for a role for the coagulation system. <i>Inflammation Research</i> , 2000, 49, 708-713.	4.0	6
58	Establishment of primary mixed cell cultures from spontaneous canine mammary tumors: Characterization of classic and new cancer-associated molecules. <i>PLoS ONE</i> , 2017, 12, e0184228.	2.5	6
59	Combined therapy with adipose tissue-derived mesenchymal stromal cells and meglumine antimoniate controls lesion development and parasite load in murine cutaneous leishmaniasis caused by <i>Leishmania amazonensis</i> . <i>Stem Cell Research and Therapy</i> , 2020, 11, 374.	5.5	5
60	Development and Characterization of Nanoemulsion Containing Almond Oil, Biodegradable Polymer and Propranolol as Potential Treatment in Hemangioma. <i>Macromolecular Symposia</i> , 2018, 381, 1800121.	0.7	4
61	Inhibition of Allergen-Induced Eosinophil Migration by Lipoxin (LX)A4 and Aspirin-Triggered 15-Epi-LXA4. <i>Advances in Experimental Medicine and Biology</i> , 2002, 507, 211-216.	1.6	4
62	Eosinophils increase macrophage ability to control intracellular <i>Leishmania amazonensis</i> infection via PGD2 paracrine activity in vitro. <i>Cellular Immunology</i> , 2021, 363, 104316.	3.0	3
63	Evaluating the prophylactic potential of the phtalimide derivative LASSBio 552 on allergen-evoked inflammation in rats. <i>European Journal of Pharmacology</i> , 2005, 511, 219-227.	3.5	2
64	Lysophosphatidic acid (LPA) as a modulator of plasma membrane Ca ²⁺ -ATPase from basolateral membranes of kidney proximal tubules. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 321-329.	3.0	2
65	Leukotriene B4 in equine asthma syndrome: what do we know so far?. <i>Pesquisa Veterinaria Brasileira</i> , 2019, 39, 723-727.	0.5	1
66	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
67	Attenuation Of Lung Inflammation And Remodeling By Regular And Moderate Aerobic Exercise In Experimental Chronic Allergic Asthma. , 2012, , .		0
68	Thymulin Gene Therapy In Experimental Chronic Allergic Asthma: Impact Of Nanoparticle Delivery On Lung Inflammation And Remodeling. , 2012, , .		0
69	Acute catabolism of leukocyte lipid bodies: characterization of a nordihydroguaiaretic acid (NDGA)-induced proteasomal-dependent model. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 171, 102320.	2.2	0