

Johnatas D. Silva

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,016
citations

394390

19
h-index

454934

30
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59
all docs

59
docs citations

59
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stromal cell extracellular vesicles rescue mitochondrial dysfunction and improve barrier integrity in clinically relevant models of ARDS. <i>European Respiratory Journal</i> , 2021, 58, 2002978.	6.7	94
2	Mesenchymal Stem Cells From Bone Marrow, Adipose Tissue, and Lung Tissue Differentially Mitigate Lung and Distal Organ Damage in Experimental Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, e132-e140.	0.9	59
3	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
4	Bosutinib Therapy Ameliorates Lung Inflammation and Fibrosis in Experimental Silicosis. <i>Frontiers in Physiology</i> , 2017, 8, 159.	2.8	52
5	Recruitment maneuver in experimental acute lung injury: The role of alveolar collapse and edema. <i>Critical Care Medicine</i> , 2010, 38, 2207-2214.	0.9	47
6	Mesenchymal Stromal Cells Are More Effective Than Their Extracellular Vesicles at Reducing Lung Injury Regardless of Acute Respiratory Distress Syndrome Etiology. <i>Stem Cells International</i> , 2019, 2019, 1-15.	2.5	47
7	Protective effects of bone marrow mononuclear cell therapy on lung and heart in an elastase-induced emphysema model. <i>Respiratory Physiology and Neurobiology</i> , 2012, 182, 26-36.	1.6	46
8	Therapeutic effects of adipose-tissue-derived mesenchymal stromal cells and their extracellular vesicles in experimental silicosis. <i>Respiratory Research</i> , 2018, 19, 104.	3.6	44
9	The tyrosine kinase inhibitor dasatinib reduces lung inflammation and remodelling in experimental allergic asthma. <i>British Journal of Pharmacology</i> , 2016, 173, 1236-1247.	5.4	40
10	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
11	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
12	Impact of obesity on airway and lung parenchyma remodeling in experimental chronic allergic asthma. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 141-148.	1.6	26
13	The Effects of Dasatinib in Experimental Acute Respiratory Distress Syndrome Depend on Dose and Etiology. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1644-1658.	1.6	26
14	Effects of Bone Marrow-Derived Mononuclear Cells From Healthy or Acute Respiratory Distress Syndrome Donors on Recipient Lung-Injured Mice. <i>Critical Care Medicine</i> , 2014, 42, e510-e524.	0.9	24
15	Expanded endothelial progenitor cells mitigate lung injury in septic mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 230.	5.5	24
16	The biological effects of higher and lower positive end-expiratory pressure in pulmonary and extrapulmonary acute lung injury with intra-abdominal hypertension. <i>Critical Care</i> , 2014, 18, R121.	5.8	23
17	Mesenchymal stromal cell therapy attenuated lung and kidney injury but not brain damage in experimental cerebral malaria. <i>Stem Cell Research and Therapy</i> , 2015, 6, 102.	5.5	22
18	The Yin and Yang of Tyrosine Kinase Inhibition During Experimental Polymicrobial Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 901.	4.8	22

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19	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
20	Intravenous Glutamine Administration Reduces Lung and Distal Organ Injury in Malnourished Rats With Sepsis. <i>Shock</i> , 2014, 41, 222-232.	2.1	20
21	Effects of different tidal volumes in pulmonary and extrapulmonary lung injury with or without intraabdominal hypertension. <i>Intensive Care Medicine</i> , 2012, 38, 499-508.	8.2	19
22	Effects of inhalational anaesthetics in experimental allergic asthma. <i>Anaesthesia</i> , 2014, 69, 573-582.	3.8	18
23	Early and late acute lung injury and their association with distal organ damage in murine malaria. <i>Respiratory Physiology and Neurobiology</i> , 2013, 186, 65-72.	1.6	17
24	Insult-dependent effect of bone marrow cell therapy on inflammatory response in a murine model of extrapulmonary acute respiratory distress syndrome. <i>Stem Cell Research and Therapy</i> , 2013, 4, 123.	5.5	17
25	Sepsis Impairs Thyroid Hormone Signaling and Mitochondrial Function in the Mouse Diaphragm. <i>Thyroid</i> , 2020, 30, 1079-1090.	4.5	17
26	Differential Regulation of Thyroid Hormone Metabolism Target Genes during Non-thyroidal Illness Syndrome Triggered by Fasting or Sepsis in Adult Mice. <i>Frontiers in Physiology</i> , 2017, 8, 828.	2.8	15
27	Therapeutic effects of bone marrow-derived mononuclear cells from healthy or silicotic donors on recipient silicosis mice. <i>Stem Cell Research and Therapy</i> , 2017, 8, 259.	5.5	14
28	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
29	Sevoflurane, Compared With Isoflurane, Minimizes Lung Damage in Pulmonary but Not in Extrapulmonary Acute Respiratory Distress Syndrome in Rats. <i>Anesthesia and Analgesia</i> , 2017, 125, 491-498.	2.2	12
30	Ghrelin therapy improves lung and cardiovascular function in experimental emphysema. <i>Respiratory Research</i> , 2017, 18, 185.	3.6	12
31	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
32	Therapeutic effect of Lipoxin A4 in malaria-induced acute lung injury. <i>Journal of Leukocyte Biology</i> , 2018, 103, 657-670.	3.3	11
33	Exogenous pulmonary surfactant prevents the development of intraabdominal adhesions in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 632-643.	3.6	10
34	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
35	Endotoxin-Induced Emphysema Exacerbation: A Novel Model of Chronic Obstructive Pulmonary Disease Exacerbations Causing Cardiopulmonary Impairment and Diaphragm Dysfunction. <i>Frontiers in Physiology</i> , 2019, 10, 664.	2.8	10
36	Effects of acute hypercapnia with and without acidosis on lung inflammation and apoptosis in experimental acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2015, 205, 1-6.	1.6	9

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37	Sepsis Disrupts Mitochondrial Function and Diaphragm Morphology. <i>Frontiers in Physiology</i> , 2021, 12, 704044.	2.8	9
38	Effects of pressure support and pressure-controlled ventilation on lung damage in a model of mild extrapulmonary acute lung injury with intra-abdominal hypertension. <i>PLoS ONE</i> , 2017, 12, e0178207.	2.5	7
39	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
40	Intratracheal Instillation of Lipopolymeric Vectors and the Effect on Mice Lung Physiology. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 791-798.	1.6	3
41	Transfer of mitochondria through msc-derived extracellular vesicles improves alveolar-capillary barrier integrity and alleviate mitochondrial dysfunction in acute respiratory distress syndrome (ARDS). <i>Cytotherapy</i> , 2020, 22, S25.	0.7	2
42	Investigation of the MSC Paracrine Effects on Alveolar Capillary Barrier Integrity in the In Vitro Models of ARDS. <i>Methods in Molecular Biology</i> , 2021, 2269, 63-81.	0.9	2
43	Sepsis Disrupts Mitochondrial Function and Diaphragm Morphology. <i>Frontiers in Physiology</i> , 2021, 12, 704044.	2.8	2
44	Early Career Members at the ERS Lung Science Conference 2020: metabolic alterations in lung ageing and disease. <i>Breathe</i> , 2020, 16, 200063.	1.3	1
45	LASSBio-596: Of the discovery to the pre-clinical studies. <i>Revista Virtual De Quimica</i> , 2010, 2, .	0.4	1
46	Respiratory And Systemic Effects Of LASSBio596 Associated Or Not With Surfactant In An Experimental Model Of Sepsis-induced Acute Lung Injury. , 2010, , .		0
47	Exercise Modulates The Inflammatory Process Reducing The Risk Of Lung And Distal Organ Injury In Experimental Sepsis. , 2010, , .		0
48	Airway And Lung Parenchyma Remodeling In An Experimental Model Of Chronic Allergic Asthma In Newly Weaned Mice. , 2010, , .		0
49	The Role Of BCG Vaccine On Airway And Lung Parenchyma Remodeling In A Murine Model Of Chronic Allergic Inflammation. , 2010, , .		0
50	Comparison Of Three Volatile Anesthetic Agents In Experimental Chronic Allergic Asthma. , 2011, , .		0
51	Bone Marrow Mesenchymal Stem Cells Therapy In Murine Models Of Pulmonary And Extrapulmonary Acute Lung Injury: Attenuation Of Collagen Fiber Deposition. , 2011, , .		0
52	Quantification And Cell Characterization Of Bone Marrow Cells In Experimental Pulmonary And Extrapulmonary Acute Lung Injury. , 2011, , .		0
53	Effects Of Different Tidal Volumes On Lung And Distal Organs In Models Of Pulmonary And Extrapulmonary Acute Lung Injury Associated With Intra-Abdominal Hypertension. , 2011, , .		0
54	Effects Of Bone Marrow, Adipose, And Lung Tissue-Derived Mesenchymal Stem Cells On Lung Inflammation And Remodeling In Experimental Acute Lung Injury. , 2012, , .		0

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55	Attenuation Of Lung Inflammation And Remodeling By Regular And Moderate Aerobic Exercise In Experimental Chronic Allergic Asthma. , 2012, , .		0
56	Effects Of Volatile Anesthetics On Lung Morphofunction, Inflammation And Remodeling In Experimental Chronic Allergic Asthma. , 2012, , .		0
57	The Role Of Oral LASSBio596 Administration In Airway And Lung Parenchyma Remodeling In A Murine Model Of Chronic Allergic Inflammation. , 2012, , .		0
58	Impact Of Stem Cells Originated From Bone Marrow Of Healthy, Pulmonary And Extrapulmonary Acute Lung Injury Models On Lung Inflammation And Remodeling. , 2012, , .		0