

Luis A Ortiz

List of Publications by Citations

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59
papers

13,198
citations

35
h-index

64
g-index

64
ext. papers

16,242
ext. citations

7.1
avg, IF

5.95
L-index

#	Paper	IF	Citations
59	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
58	American Thoracic Society/European Respiratory Society International Multidisciplinary Consensus Classification of the Idiopathic Interstitial Pneumonias. This joint statement of the American Thoracic Society (ATS), and the European Respiratory Society (ERS) was adopted by the ATS board of directors, June 2001 and by the ERS Executive Committee, June 2001. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 686-95	10.2	3122
57	Mesenchymal stem cell engraftment in lung is enhanced in response to bleomycin exposure and ameliorates its fibrotic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8407-11	11.5	1141
56	Interleukin 1 receptor antagonist mediates the antiinflammatory and antifibrotic effect of mesenchymal stem cells during lung injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11002-7	11.5	816
55	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. <i>Nature Communications</i> , 2015 , 6, 8472	17.4	490
54	Human interleukin (IL) 1 alpha, murine IL-1 alpha and murine IL-1 beta are transported from blood to brain in the mouse by a shared saturable mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1991 , 259, 988-96	4.7	305
53	Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 154-162	35.1	291
52	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. <i>Cytotherapy</i> , 2016 , 18, 151-9	4.8	278
51	Defining mesenchymal stromal cell (MSC)-derived small extracellular vesicles for therapeutic applications. <i>Journal of Extracellular Vesicles</i> , 2019 , 8, 1609206	16.4	227
50	Effect of dobutamine on oxygen consumption and gastric mucosal pH in septic patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994 , 150, 324-9	10.2	200
49	Loss of fibroblast Thy-1 expression correlates with lung fibrogenesis. <i>American Journal of Pathology</i> , 2005 , 167, 365-79	5.8	171
48	Pulmonary involvement in rheumatoid arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 1995 , 24, 242-54	5.3	169
47	Future directions in idiopathic pulmonary fibrosis research. An NHLBI workshop report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 214-22	10.2	159
46	His64(E7)-->Tyr apomyoglobin as a reagent for measuring rates of hemin dissociation. <i>Journal of Biological Chemistry</i> , 1994 , 269, 4207-14	5.4	155
45	Expression of TNF and the necessity of TNF receptors in bleomycin-induced lung injury in mice. <i>Experimental Lung Research</i> , 1998 , 24, 721-43	2.3	149
44	Stem cells and cell therapies in lung biology and lung diseases. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 637-67		142
43	Apoptotic cells quench reactive oxygen and nitrogen species and modulate TNF-alpha/TGF-beta1 balance in activated macrophages: involvement of phosphatidylserine-dependent and -independent pathways. <i>Cell Death and Differentiation</i> , 2005 , 12, 1141-4	12.7	131

42	Effects of cigarette smoke in mice with different levels of alpha(1)-proteinase inhibitor and sensitivity to oxidants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 886-90	10.2	129
41	Tumor necrosis factor- β accelerates the resolution of established pulmonary fibrosis in mice by targeting profibrotic lung macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 825-37	5.7	123
40	Extracellular matrix in lung development, homeostasis and disease. <i>Matrix Biology</i> , 2018 , 73, 77-104	11.4	114
39	Connective tissue growth factor mRNA expression is upregulated in bleomycin-induced lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 275, L365-71	5.8	111
38	Upregulation of the p75 but not the p55 TNF-alpha receptor mRNA after silica and bleomycin exposure and protection from lung injury in double receptor knockout mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 825-33	5.7	111
37	Gene transfer of endothelial nitric oxide synthase to the lung of the mouse in vivo. Effect on agonist-induced and flow-mediated vascular responses. <i>Circulation Research</i> , 1999 , 84, 1422-32	15.7	93
36	Atmospheric oxygen inhibits growth and differentiation of marrow-derived mouse mesenchymal stem cells via a p53-dependent mechanism: implications for long-term culture expansion. <i>Stem Cells</i> , 2012 , 30, 975-87	5.8	81
35	Airway injury in lung disease pathophysiology: selective depletion of airway stem and progenitor cell pools potentiates lung inflammation and alveolar dysfunction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 287, L1256-65	5.8	64
34	International Society for Extracellular Vesicles and International Society for Cell and Gene Therapy statement on extracellular vesicles from mesenchymal stromal cells and other cells: considerations for potential therapeutic agents to suppress coronavirus disease-19. <i>Cytotherapy</i> , 2020 , 22, 482-485	4.8	59
33	Enalapril protects mice from pulmonary hypertension by inhibiting TNF-mediated activation of NF-kappaB and AP-1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 282, L1209-21	5.8	58
32	Molecular and functional properties of lung SP cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L972-83	5.8	51
31	Silica-induced apoptosis in murine macrophage: involvement of tumor necrosis factor-alpha and nuclear factor-kappaB activation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 91-8	5.7	50
30	Systemic inhibition of NF-kappaB activation protects from silicosis. <i>PLoS ONE</i> , 2009 , 4, e5689	3.7	47
29	Tumor necrosis factor receptor deficiency alters matrix metalloproteinase 13/tissue inhibitor of metalloproteinase 1 expression in murine silicosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 244-52	10.2	45
28	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2021 , 23, 373-380	4.8	41
27	Antifibrotic therapy for the treatment of pulmonary fibrosis. <i>American Journal of the Medical Sciences</i> , 2001 , 322, 213-21	2.2	40
26	A Clinical Indications Prediction Scale Based on TWIST1 for Human Mesenchymal Stem Cells. <i>EBioMedicine</i> , 2016 , 4, 62-73	8.8	40
25	Bleomycin sensitivity of mice expressing dominant-negative p53 in the lung epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 890-7	10.2	35

24	IL-33-mediated IL-13 secretion by ST2+ Tregs controls inflammation after lung injury. <i>JCI Insight</i> , 2019 , 4,	9.9	27
23	TNFR1/phox interaction and TNFR1 mitochondrial translocation Thwart silica-induced pulmonary fibrosis. <i>Journal of Immunology</i> , 2014 , 192, 3837-46	5.3	26
22	Alveolar macrophage apoptosis and TNF-alpha, but not p53, expression correlate with murine response to bleomycin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 275, L1208-18	5.8	26
21	Cell therapy for lung diseases. Report from an NIH-NHLBI workshop, November 13-14, 2012. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 370-5	10.2	24
20	Phosphorylation of tumor necrosis factor receptor 1 (p55) protects macrophages from silica-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 2020-9	5.4	24
19	Differential activation of RAW 264.7 macrophages by size-segregated crystalline silica. <i>Journal of Occupational Medicine and Toxicology</i> , 2016 , 11, 57	2.7	22
18	Stem cells in lung biology. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 286, L621-3	5.8	21
17	Pneumonic tularemia in rabbits resembles the human disease as illustrated by radiographic and hematological changes after infection. <i>PLoS ONE</i> , 2011 , 6, e24654	3.7	19
16	Renal function and proteinuria after successful immunosuppressive therapies in patients with FSGS. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 211-8	6.9	16
15	Protein Tyrosine Phosphatase-N13 Promotes Myofibroblast Resistance to Apoptosis in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 914-927	10.2	13
14	LPS-treated macrophage cytokines repress surfactant protein-B in lung epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 49, 306-15	5.7	12
13	Epithelial expression of TIMP-1 does not alter sensitivity to bleomycin-induced lung injury in C57BL/6 mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 294, L572-81	5.8	10
12	Genetic deficiency of alpha1-PI in mice influences lung responses to bleomycin. <i>European Respiratory Journal</i> , 2001 , 17, 474-80	13.6	9
11	A multi-cyclone sampling array for the collection of size-segregated occupational aerosols. <i>Journal of Occupational and Environmental Hygiene</i> , 2013 , 10, 685-93	2.9	8
10	Ultrasound Strain Measurements for Evaluating Local Pulmonary Ventilation. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 2525-2531	3.5	8
9	Lung pathology in platelet-derived growth factor transgenic mice: effects of genetic background and fibrogenic agents. <i>Experimental Lung Research</i> , 2002 , 28, 507-22	2.3	4
8	A case series describing common radiographic and pathologic patterns of hard metal pneumoconiosis. <i>Respiratory Medicine Case Reports</i> , 2018 , 25, 124-128	1.2	3
7	Gender differences in survival after lung transplant: implications for cancer etiology. <i>Transplantation</i> , 2008 , 85, S64-8	1.8	3

6	Exacerbation of bleomycin-induced lung injury in mice by amifostine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L1239-44	5.8	3
5	Role of LPS and receptor subtypes in the uptake of TNF by the murine lung. <i>Life Sciences</i> , 2001 , 69, 791-802	5.3	2
4	Silica Induced Lung Fibrosis Is Associated With Senescence, Fgr, and Recruitment of Bone Marrow Monocyte/Macrophages. <i>In Vivo</i> , 2021 , 35, 3053-3066	2.3	1
3	Metabolic Adaptation of Macrophages as Mechanism of Defense against Crystalline Silica. <i>Journal of Immunology</i> , 2021 , 207, 1627-1640	5.3	1
2	Tumor Necrosis Factor Receptor Deficiency Protects Mice From Silica-Induced Lung Fibrosis by Altering Lung Matrix Metalloproteinase-13/Tissue Inhibitor of Metalloproteinase-1 RNA Expression and Decreasing Activating Protein-1 Activation. <i>Chest</i> , 2001 , 120, S2-S3	5.3	
1	Mesenchymal Stem (Stromal) Cell Communications in Their Niche and Beyond: The Role of Extra Cellular Vesicles and Organelle Transfer in Lung Regeneration 2019 , 229-229		