Luis A Ortiz

List of Publications by Year
in descending order

64 papers	18,906 citations	109264 35 h-index	138417 58 g-index
64 all docs	64 docs citations	64 times ranked	23492 citing authors

#	Article	IF	Citations
1	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. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
2	American Thoracic Society/European Respiratory Society International Multidisciplinary Consensus Classification of the Idiopathic Interstitial Pneumonias. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 277-304.	2.5	3,814
3	Mesenchymal stem cell engraftment in lung is enhanced in response to bleomycin exposure and ameliorates its fibrotic effects. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8407-8411.	3.3	1,297
4	Interleukin 1 receptor antagonist mediates the antiinflammatory and antifibrotic effect of mesenchymal stem cells during lung injury. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11002-11007.	3.3	917
5	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. Nature Communications, 2015, 6, 8472.	5.8	693
6	Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial. Lancet Respiratory Medicine,the, 2019, 7, 154-162.	5.2	443
7	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. Cytotherapy, 2016, 18, 151-159.	0.3	400
8	Defining mesenchymal stromal cell (MSC)â€derived small extracellular vesicles for therapeutic applications. Journal of Extracellular Vesicles, 2019, 8, 1609206.	5.5	400
9	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. Journal of Pharmacology and Experimental Therapeutics, 1991, 259, 988-96.	1.3	321
10	Effect of dobutamine on oxygen consumption and gastric mucosal pH in septic patients.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 324-329.	2.5	231
11	Stem Cells and Cell Therapies in Lung Biology and Lung Diseases. Proceedings of the American Thoracic Society, 2008, 5, 637-667.	3.5	212
12	Extracellular matrix in lung development, homeostasis and disease. Matrix Biology, 2018, 73, 77-104.	1.5	200
13	Future Directions in Idiopathic Pulmonary Fibrosis Research. An NHLBI Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 214-222.	2.5	199
14	Pulmonary involvement in rheumatoid arthritis. Seminars in Arthritis and Rheumatism, 1995, 24, 242-254.	1.6	196
15	Loss of Fibroblast Thy-1 Expression Correlates with Lung Fibrogenesis. American Journal of Pathology, 2005, 167, 365-379.	1.9	194
16	HIS64(E7)-> TYR APOMYOGLOBIN AS A REAGENT FOR MEASURING RATES OF HEMIN DISSOCIATION. , 1994, 269, 4207-14.		168
17	Expression of TNF and the Necessity of TNF Receptors in Bleomycin-Induced Lung Injury in Mice. Experimental Lung Research, 1998, 24, 721-743.	0.5	166
18	Tumor Necrosis Factor-Î± Accelerates the Resolution of Established Pulmonary Fibrosis in Mice by Targeting Profibrotic Lung Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 825-837.	1.4	158

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19	Connective tissue growth factor mRNA expression is upregulated in bleomycin-induced lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L365-L371.	1.3	146
20	Effects of Cigarette Smoke in Mice with Different Levels of Î±₁-Proteinase Inhibitor and Sensitivity to Oxidants. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 886-890.	2.5	145
21	Apoptotic cells quench reactive oxygen and nitrogen species and modulate TNF-Î±/TGF-Î²1 balance in activated macrophages: involvement of phosphatidylserine-dependent and -independent pathways. Cell Death and Differentiation, 2005, 12, 1141-1144.	5.0	138
22	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. Cytotherapy, 2021, 23, 373-380.	0.3	125
23	Upregulation of the p75 But Not the p55 TNF- Î± Receptor mRNA after Silica and Bleomycin Exposure and Protection from Lung Injury in Double Receptor Knockout Mice. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 825-833.	1.4	118
24	Gene Transfer of Endothelial Nitric Oxide Synthase to the Lung of the Mouse In Vivo. Circulation Research, 1999, 84, 1422-1432.	2.0	102
25	Atmospheric Oxygen Inhibits Growth and Differentiation of Marrowâ€Derived Mouse Mesenchymal Stem Cells via a p53â€Dependent Mechanism: Implications for Longâ€Term Culture Expansion. Stem Cells, 2012, 30, 975-987.	1.4	100
26	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. Cytotherapy, 2020, 22, 482-485.	0.3	94
27	Airway injury in lung disease pathophysiology: selective depletion of airway stem and progenitor cell pools potentiates lung inflammation and alveolar dysfunction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1256-L1265.	1.3	73
28	A Clinical Indications Prediction Scale Based on TWIST1 for Human Mesenchymal Stem Cells. EBioMedicine, 2016, 4, 62-73.	2.7	71
29	Enalapril protects mice from pulmonary hypertension by inhibiting TNF-mediated activation of NF-ÎºB and AP-1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L1209-L1221.	1.3	62
30	Molecular and functional properties of lung SP cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L972-L983.	1.3	57
31	Systemic Inhibition of NF-ÎºB Activation Protects from Silicosis. PLoS ONE, 2009, 4, e5689.	1.1	54
32	IL-33-mediated IL-13 secretion by ST2+ Treg controls inflammation after lung injury. JCI Insight, 2019, 4, .	2.3	54
33	Tumor Necrosis Factor Receptor Deficiency Alters Matrix Metalloproteinase 13/Tissue Inhibitor of Metalloproteinase 1 Expression in Murine Silicosis. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 244-252.	2.5	53
34	Silica-Induced Apoptosis in Murine Macrophage. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 91-98.	1.4	53
35	Antifibrotic Therapy for the Treatment of Pulmonary Fibrosis. American Journal of the Medical Sciences, 2001, 322, 213-221.	0.4	47
36	Bleomycin Sensitivity of Mice Expressing Dominant-Negative p53 in the Lung Epithelium. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 890-897.	2.5	42

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37	Cell Therapy Trials for Lung Diseases: Progress and Cautions. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 123-125.	2.5	37
38	Alveolar macrophage apoptosis and TNF-Î±, but not p53, expression correlate with murine response to bleomycin. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L1208-L1218.	1.3	35
39	Differential activation of RAW 264.7 macrophages by size-segregated crystalline silica. Journal of Occupational Medicine and Toxicology, 2016, 11, 57.	0.9	35
40	TNFR1/Phox Interaction and TNFR1 Mitochondrial Translocation Thwart Silica-Induced Pulmonary Fibrosis. Journal of Immunology, 2014, 192, 3837-3846.	0.4	31
41	Phosphorylation of Tumor Necrosis Factor Receptor 1 (p55) Protects Macrophages from Silica-induced Apoptosis. Journal of Biological Chemistry, 2004, 279, 2020-2029.	1.6	29
42	Cell Therapy for Lung Diseases. Report from an NIHâ€“NHLBI Workshop, November 13â€“14, 2012. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 370-375.	2.5	29
43	Stem cells in lung biology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L621-L623.	1.3	25
44	Pneumonic Tularemia in Rabbits Resembles the Human Disease as Illustrated by Radiographic and Hematological Changes after Infection. PLoS ONE, 2011, 6, e24654.	1.1	25
45	Protein Tyrosine Phosphatase-N13 Promotes Myofibroblast Resistance to Apoptosis in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 914-927.	2.5	23
46	Renal Function and Proteinuria after Successful Immunosuppressive Therapies in Patients with FSGS. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 211-218.	2.2	19
47	Metabolic Adaptation of Macrophages as Mechanism of Defense against Crystalline Silica. Journal of Immunology, 2021, 207, 1627-1640.	0.4	17
48	LPS-Treated Macrophage Cytokines Repress Surfactant Proteinâ€“B in Lung Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 306-315.	1.4	14
49	Ultrasound Strain Measurements for Evaluating Local Pulmonary Ventilation. Ultrasound in Medicine and Biology, 2016, 42, 2525-2531.	0.7	12
50	Genetic deficiency of Î±1-PI in mice influences lung responses to bleomycin. European Respiratory Journal, 2001, 17, 474-480.	3.1	11
51	Epithelial expression of TIMP-1 does not alter sensitivity to bleomycin-induced lung injury in C57BL/6 mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L572-L581.	1.3	11
52	A Multi-Cyclone Sampling Array for the Collection of Size-Segregated Occupational Aerosols. Journal of Occupational and Environmental Hygiene, 2013, 10, 685-693.	0.4	10
53	LUNG PATHOLOGY IN PLATELET-DERIVED GROWTH FACTOR TRANSGENIC MICE: EFFECTS OF GENETIC BACKGROUND AND FIBROGENIC AGENTS. Experimental Lung Research, 2002, 28, 507-522.	0.5	7
54	Lung-resident Mesenchymal Stromal Cells. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 968-970.	2.5	7

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55	Gender Differences in Survival After Lung Transplant: Implications for Cancer Etiology. Transplantation, 2008, 85, S64-S68.	0.5	5
56	A case series describing common radiographic and pathologic patterns of hard metal pneumoconiosis. Respiratory Medicine Case Reports, 2018, 25, 124-128.	0.2	5
57	Silica Induced Lung Fibrosis Is Associated With Senescence, Fgr, and Recruitment of Bone Marrow Monocyte/Macrophages. In Vivo, 2021, 35, 3053-3066.	0.6	5
58	Exacerbation of bleomycin-induced lung injury in mice by amifostine. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L1239-L1244.	1.3	4
59	Role of LPS and receptor subtypes in the uptake of TNF by the murine lung. Life Sciences, 2001, 69, 791-802.	2.0	2
60	Ultrasound strain measurements for evaluating local pulmonary ventilation. , 2015, 2015, .		2
61	The Mesenchymal Stem Cell (MSC) Secretome Involves Mitochondrial Transfer. , 2011, , .		1
62	Differential Expression Of Microrna In Mesenchymal Stem Cell Derived Exosomes. , 2011, , .		1
63	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. Chest, 2001, 120, S2-S3.	0.4	0
64	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.		0