

# Lung Tissue Mechanics and Extracellular Matrix Remod

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Critical Care Medicine inAJRCCM2001. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 565-583.	2.5	3
2	On the preparation of lung strip for tissue mechanics measurement. Respiratory Physiology and Neurobiology, 2003, 134, 255-262.	0.7	14
3	Effect of Corticosteroid on Lung Parenchyma Remodeling at an Early Phase of Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 677-684.	2.5	94
4	Therapeutic potential of a new phosphodiesterase inhibitor in acute lung injury. European Respiratory Journal, 2003, 22, 20-27.	3.1	50
5	Negative impact of tissue inhibitor of metalloproteinase-3 null mutation on lung structure and function in response to sepsis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L1222-L1232.	1.3	43
6	Tissue heterogeneity in the mouse lung: effects of elastase treatment. Journal of Applied Physiology, 2004, 97, 204-212.	1.2	106
8	Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury. Respiratory Physiology and Neurobiology, 2004, 143, 49-61.	0.7	24
9	What increases type III procollagen mRNA levels in lung tissue: stress induced by changes in force or amplitude?. Respiratory Physiology and Neurobiology, 2004, 144, 59-70.	0.7	37
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11	Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment. Journal of Applied Physiology, 2005, 98, 53-61.	1.2	84
12	Mechanics, nonlinearity, and failure strength of lung tissue in a mouse model of emphysema: possible role of collagen remodeling. Journal of Applied Physiology, 2005, 98, 503-511.	1.2	122
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15	Lung Parenchyma Remodeling in a Murine Model of Chronic Allergic Inflammation. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 829-837.	2.5	88
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20	Respiratory changes in a murine model of spontaneous systemic lupus erythematosus. Respiratory Physiology and Neurobiology, 2006, 153, 107-114.	0.7	4

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21	Understanding the mechanisms of lung mechanical stress. Brazilian Journal of Medical and Biological Research, 2006, 39, 697-706.	0.7	44
22	Time course of lung parenchyma remodeling in pulmonary and extrapulmonary acute lung injury. Journal of Applied Physiology, 2006, 100, 98-106.	1.2	92
23	Immune Cell Infiltration and Broncovascular Remodeling After Nitric Acid Nasal Instillation in a Mouse Bronchiolitis Obliterans Model. Lung, 2006, 184, 229-238.	1.4	6
24	Relationship between pressure-volume curve and markers for collagen turn-over in early acute respiratory distress syndrome. Intensive Care Medicine, 2006, 32, 413-420.	3.9	34
25	Sensitivity of alveolar macrophages to substrate mechanical and adhesive properties. Cytoskeleton, 2006, 63, 321-340.	4.4	111
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35	Expression and arrangement of extracellular matrix proteins in the lungs of mice infected with <i>Paracoccidioides brasiliensis</i> conidia. International Journal of Experimental Pathology, 2008, 89, 106-116.	0.6	13
36	Temporal evolution of epithelial, vascular and interstitial lung injury in an experimental model of idiopathic pulmonary fibrosis induced by butylhydroxytoluene. International Journal of Experimental Pathology, 2008, 89, 350-357.	0.6	7
37	Microcrystalline cellulose induces time-dependent lung functional and inflammatory changes. Respiratory Physiology and Neurobiology, 2008, 164, 331-337.	0.7	4
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43	Methylprednisolone improves lung mechanics and reduces the inflammatory response in pulmonary but not in extrapulmonary mild acute lung injury in mice*. <i>Critical Care Medicine</i> , 2008, 36, 2621-2628.	0.4	69
44	What have anatomic and pathologic studies taught us about acute lung injury and acute respiratory distress syndrome?. <i>Current Opinion in Critical Care</i> , 2008, 14, 56-63.	1.6	12
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54	Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury. <i>Intensive Care Medicine</i> , 2009, 35, 1120-1128.	3.9	47
55	Bone marrow-derived mononuclear cell therapy in experimental pulmonary and extrapulmonary acute lung injury. <i>Critical Care Medicine</i> , 2010, 38, 1733-1741.	0.4	60
56	Recruitment maneuver in experimental acute lung injury: The role of alveolar collapse and edema. <i>Critical Care Medicine</i> , 2010, 38, 2207-2214.	0.4	47

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59	Pulmonary function and histological impairment in mice after acute exposure to aluminum dust. <i>Inhalation Toxicology</i> , 2010, 22, 861-867.	0.8	23
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117	Implications of microscale lung damage for COVID-19 pulmonary ventilation dynamics: A narrative review. <i>Life Sciences</i> , 2021, 274, 119341.	2.0	17
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134	The Extracellular Matrix of the Lung: The Forgotten Friend!. , 2007, , 320-334.		1
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