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Frequency characteristics of lung tissue strip during passive stretch and induced pneumoconstriction

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Journal of Applied Physiology, 2001, 91, 882-90.

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#	Paper	IF	Citations
20	On the preparation of lung strip for tissue mechanics measurement. <i>Respiratory Physiology and Neurobiology</i> , <b>2003</b> , 134, 255-62	2.8	8
19	The mechanics of the lung parenchyma and airway responsiveness to metacholine. <i>Monaldi Archives for Chest Disease</i> , <b>2004</b> , 61, 222-5	2.7	1
18	Stretch-induced changes in constricted lung parenchymal strips: role of extracellular matrix. <i>European Respiratory Journal</i> , <b>2004</b> , 23, 193-8	13.6	13
17	Mouse strain dependence of lung tissue mechanics: role of specific extracellular matrix composition. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 152, 186-96	2.8	11
16	Lung Tissue Viscoelasticity. <b>2006</b> ,		1
15	Inflammatory related changes in lung tissue mechanics after bleomycin-induced lung injury. <i>Respiratory Physiology and Neurobiology</i> , <b>2008</b> , 160, 196-203	2.8	8
14	Effects of amiodarone on lung tissue mechanics and parenchyma remodeling. <i>Respiratory Physiology and Neurobiology</i> , <b>2008</b> , 162, 126-31	2.8	0
13	Effects of chronic L-NAME treatment lung tissue mechanics, eosinophilic and extracellular matrix responses induced by chronic pulmonary inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 294, L1197-205	5.8	32
12	Effects of allergen on airway narrowing dynamics as assessed by lung-slice technique. <i>European Respiratory Journal</i> , <b>2008</b> , 31, 532-8	13.6	22
11	Oral tolerance attenuates changes in in vitro lung tissue mechanics and extracellular matrix remodeling induced by chronic allergic inflammation in guinea pigs. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1778-85	3.7	19
10	Lung parenchymal mechanics in health and disease. <i>Physiological Reviews</i> , <b>2009</b> , 89, 759-75	47.9	115
9	Different strains of mice present distinct lung tissue mechanics and extracellular matrix composition in a model of chronic allergic asthma. <i>Respiratory Physiology and Neurobiology</i> , <b>2009</b> , 165, 202-7	2.8	26
8	Single and repeated bleomycin intratracheal instillations lead to different biomechanical changes in lung tissue. <i>Respiratory Physiology and Neurobiology</i> , <b>2009</b> , 166, 41-6	2.8	11
7	Dynamic nonlinearity of lung tissue: frequency dependence and harmonic distortion. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 420-6	3.7	6
6	Dynamic nonlinearity of lung tissue: effects of strain amplitude and stress level. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 653-60	3.7	4
5	In vivo and in vitro lung mechanics by forced oscillations: effect of bleomycin challenge. <i>Respiratory Physiology and Neurobiology</i> , <b>2012</b> , 181, 46-52	2.8	1
4	A review of recent findings about stress-relaxation in the respiratory system tissues. <i>Lung</i> , <b>2014</b> , 192, 833-9	2.9	8

3	Effects of Rho-kinase inhibition in lung tissue with chronic inflammation. <i>Respiratory Physiology and Neurobiology</i> , <b>2014</b> , 192, 134-46	2.8	32
2	Y-27632 is associated with corticosteroid-potentiated control of pulmonary remodeling and inflammation in guinea pigs with chronic allergic inflammation. <i>BMC Pulmonary Medicine</i> , <b>2015</b> , 15, 85	3.5	29
1	Moderate Aerobic Training Improves Cardiorespiratory Parameters in Elastase-Induced Emphysema. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 329	4.6	8