# Janette K Burgess

## List of Publications by Citations



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|---|---|---|---|
| 48 papers | 1,216 citations | 22 h-index | 34 g-index |
| 51 ext. papers | 1,544 ext. citations | 5.9 avg, IF | 3.99 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 48 | Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. *Thorax*, **2008**, 63, 519-25 | 7.3 | 115 |
| 47 | A phosphodiesterase 4 inhibitor inhibits matrix protein deposition in airways in vitro. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 649-57 | 11.5 | 77 |
| 46 | 2-Agonist induced cAMP is decreased in asthmatic airway smooth muscle due to increased PDE4D. *PLoS ONE*, **2011**, 6, e20000 | 3.7 | 72 |
| 45 | Fibroblast senescence in the pathology of idiopathic pulmonary fibrosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L162-L172 | 5.8 | 70 |
| 44 | Lysyl oxidases regulate fibrillar collagen remodelling in idiopathic pulmonary fibrosis. *DMM Disease Models and Mechanisms*, **2017**, 10, 1301-1312 | 4.1 | 65 |
| 43 | Comparison of gel contraction mediated by airway smooth muscle cells from patients with and without asthma. *Thorax*, **2007**, 62, 848-54 | 7.3 | 60 |
| 42 | Reduction of tumstatin in asthmatic airways contributes to angiogenesis, inflammation, and hyperresponsiveness. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 106-15 | 10.2 | 52 |
| 41 | Fibulin-1 is increased in asthma--a novel mediator of airway remodeling?. *PLoS ONE*, **2010**, 5, e13360 | 3.7 | 45 |
| 40 | TGF1 induces IL-6 and inhibits IL-8 release in human bronchial epithelial cells: the role of Smad2/3. *Journal of Cellular Physiology*, **2010**, 225, 846-54 | 7 | 45 |
| 39 | Human lung extracellular matrix hydrogels resemble the stiffness and viscoelasticity of native lung tissue. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L698-L704 | 5.8 | 38 |
| 38 | Matrix proteins from smoke-exposed fibroblasts are pro-proliferative. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 46, 34-9 | 5.7 | 36 |
| 37 | Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo. *Respirology*, **2011**, 16, 367-77 | 3.6 | 35 |
| 36 | Tissue and matrix influences on airway smooth muscle function. *Pulmonary Pharmacology and Therapeutics*, **2009**, 22, 379-87 | 3.5 | 35 |
| 35 | Differential neutrophil activation in viral infections: Enhanced TLR-7/8-mediated CXCL8 release in asthma. *Respirology*, **2016**, 21, 172-9 | 3.6 | 35 |
| 34 | Fibulin-1 predicts disease progression in patients with idiopathic pulmonary fibrosis. *Chest*, **2014**, 146, 1055-1063 | 5.3 | 32 |
| 33 | Effects of cigarette smoke extract on human airway smooth muscle cells in COPD. *European Respiratory Journal*, **2014**, 44, 634-46 | 13.6 | 29 |
| 32 | Exposure to biomass smoke extract enhances fibronectin release from fibroblasts. *PLoS ONE*, **2013**, 8, e83938 | 3.7 | 27 |

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| 31 | Pulmonary suppressor of cytokine signaling-1 induced by IL-13 regulates allergic asthma phenotype. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 992-8 | 10.2 | 26 |
| 30 | Characterising the mechanism of airway smooth muscle β2 adrenoceptor desensitization by rhinovirus infected bronchial epithelial cells. *PLoS ONE*, **2013**, 8, e56058 | 3.7 | 23 |
| 29 | Rhinovirus-induced exacerbations of asthma: How is the {beta}2-adrenoceptor implicated?. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 43, 227-33 | 5.7 | 23 |
| 28 | The phosphoinositide 3Ŧkinase p110δmodulates contractile protein production and IL-6 release in human airway smooth muscle. *Journal of Cellular Physiology*, **2012**, 227, 3044-52 | 7 | 22 |
| 27 | Doxycycline inhibits matrix metalloproteinase-2 secretion from TSC2-null mouse embryonic fibroblasts and lymphangioleiomyomatosis cells. *British Journal of Pharmacology*, **2011**, 164, 83-92 | 8.6 | 22 |
| 26 | Greater cellular stiffness in fibroblasts from patients with idiopathic pulmonary fibrosis. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L59-L65 | 5.8 | 20 |
| 25 | Phosphatidylinositol 3-kinase isoform-specific effects in airway mesenchymal cell function. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 337, 557-66 | 4.7 | 20 |
| 24 | The expression and activity of cathepsins D, H and K in asthmatic airways. *PLoS ONE*, **2013**, 8, e57245 | 3.7 | 19 |
| 23 | Lamstatin--a novel inhibitor of lymphangiogenesis derived from collagen IV. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 3062-73 | 5.6 | 18 |
| 22 | Differential regulation of extracellular matrix and soluble fibulin-1 levels by TGF-βin airway smooth muscle cells. *PLoS ONE*, **2013**, 8, e65544 | 3.7 | 18 |
| 21 | A novel immunomodulatory function of neutrophils on rhinovirus-activated monocytes in vitro. *Thorax*, **2016**, 71, 1039-1049 | 7.3 | 16 |
| 20 | CD40 and OX40 ligand are differentially regulated on asthmatic airway smooth muscle. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 1074-82 | 9.3 | 13 |
| 19 | Senescence of IPF Lung Fibroblasts Disrupt Alveolar Epithelial Cell Proliferation and Promote Migration in Wound Healing. *Pharmaceutics*, **2020**, 12, | 6.4 | 12 |
| 18 | Phenotype and Functional Features of Human Telomerase Reverse Transcriptase Immortalized Human Airway Smooth Muscle Cells from Asthmatic and Non-Asthmatic Donors. *Scientific Reports*, **2018**, 8, 805 | 4.9 | 9 |
| 17 | LF-15 & T7, synthetic peptides derived from tumstatin, attenuate aspects of airway remodelling in a murine model of chronic OVA-induced allergic airway disease. *PLoS ONE*, **2014**, 9, e85655 | 3.7 | 9 |
| 16 | A quantitative proteomic approach to identify significantly altered protein networks in the serum of patients with lymphangioleiomyomatosis (LAM). *PLoS ONE*, **2014**, 9, e105365 | 3.7 | 9 |
| 15 | Macrophage-stroma interactions in fibrosis: biochemical, biophysical, and cellular perspectives. *Journal of Pathology*, **2021**, 254, 344-357 | 9.4 | 9 |
| 14 | Latrophilin receptors: novel bronchodilator targets in asthma. *Thorax*, **2017**, 72, 74-82 | 7.3 | 8 |

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| 13 | Doxycycline reduces the migration of tuberous sclerosis complex-2 null cells - effects on RhoA-GTPase and focal adhesion kinase. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 2633-46 | 5.6 | 8 |
| 12 | Differential expression of peroxisome proliferator activated receptor gamma and cyclin D1 does not affect proliferation of asthma- and non-asthma-derived airway smooth muscle cells. *Respirology* , **2010**, 15, 303-12 | 3.6 | 8 |
| 11 | In vitro studies of lymphangioleiomyomatosis. *European Respiratory Journal*, **2005**, 26, 569-76 | 13.6 | 8 |
| 10 | Cigarette smoke exposure alters phosphodiesterases in human structural lung cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L59-L64 | 5.8 | 7 |
| 9 | Regulation of Cellular Senescence Is Independent from Profibrotic Fibroblast-Deposited ECM. *Cells*, **2021**, 10, | 7.9 | 4 |
| 8 | Chronic lung diseases: entangled in extracellular matrix.. *European Respiratory Review*, **2022**, 31, | 9.8 | 4 |
| 7 | Angiogenic regulatory influence of extracellular matrix deposited by resting state asthmatic and non-asthmatic airway smooth muscle cells is similar. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 6438 | 5.6 | 3 |
| 6 | Abnormalities in reparative function of lung-derived mesenchymal stromal cells in emphysema. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 320, L832-L844 | 5.8 | 2 |
| 5 | Architecture and Composition Dictate Viscoelastic Properties of Organ-Derived Extracellular Matrix Hydrogels. *Polymers*, **2021**, 13, | 4.5 | 2 |
| 4 | A Senescence Bystander Effect in Human Lung Fibroblasts. *Biomedicines*, **2021**, 9, | 4.8 | 2 |
| 3 | A cGAS-dependent response links DNA damage and senescence in alveolar epithelial cells: a potential drug target in IPF. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L859-L871 | 5.8 | 1 |
| 2 | The Multi-Faceted Extracellular Matrix: Unlocking Its Secrets for Understanding the Perpetuation of Lung Fibrosis. *Current Tissue Microenvironment Reports*, **2021**, 2, 53-71 | 1.1 | 0 |
| 1 | Imaging the pulmonary extracellular matrix. *Current Opinion in Physiology*, **2021**, 22, 100444 | 2.6 | |