

# Sarah A Wicher

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

186  
citations

7  
h-index

13  
g-index

13  
ext. papers

258  
ext. citations

4.7  
avg, IF

2.83  
L-index

#	Paper	IF	Citations
13	Cellular senescence in the lung across the age spectrum. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 316, L826-L842	5.8	42
12	Hyperoxia-induced Cellular Senescence in Fetal Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2019</b> , 61, 51-60	5.7	37
11	A <i>Toxoplasma gondii</i> protein with homology to intracellular type Na <sup>+</sup> /H <sup>+</sup> exchangers is important for osmoregulation and invasion. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 1382-96	4.2	27
10	Smooth muscle brain-derived neurotrophic factor contributes to airway hyperreactivity in a mouse model of allergic asthma. <i>FASEB Journal</i> , <b>2019</b> , 33, 3024-3034	0.9	24
9	Moderate hyperoxia induces senescence in developing human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 317, L525-L536	5.8	20
8	Synthetic osteogenic extracellular matrix formed by coated silicon dioxide nanosprings. <i>Journal of Nanobiotechnology</i> , <b>2012</b> , 10, 6	9.4	9
7	Calcium sensing receptor in developing human airway smooth muscle. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 14187-14197	7	7
6	Ozone-induced eosinophil recruitment to airways is altered by antigen sensitization and tumor necrosis factor- blockade. <i>Physiological Reports</i> , <b>2017</b> , 5, e13538	2.6	6
5	Newly divided eosinophils limit ozone-induced airway hyperreactivity in nonsensitized guinea pigs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 312, L969-L982	5.8	6
4	Caveolae, caveolin-1 and lung diseases of aging. <i>Expert Review of Respiratory Medicine</i> , <b>2019</b> , 13, 291-300	3.8	5
3	Aging increases senescence, calcium signaling, and extracellular matrix deposition in human airway smooth muscle. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254710	3.7	2
2	Glial-derived neurotrophic factor in human airway smooth muscle. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 8184	7	1
1	Regulation of Intracellular Calcium in Uterine Leiomyomas. <i>FASEB Journal</i> , <b>2018</b> , 32, 770.10	0.9	