

# Coen H Wiegman

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,642  
citations

430874

18  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress-induced mitochondrial dysfunction drives inflammation and airway smooth muscle remodeling in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 769-780.	2.9	332
2	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1797-1807.	2.9	236
3	Sputum transcriptomics reveal upregulation of IL-1 receptor family members in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 560-570.	2.9	166
4	Oxidative Stress in Ozone-Induced Chronic Lung Inflammation and Emphysema: A Facet of Chronic Obstructive Pulmonary Disease. <i>Frontiers in Immunology</i> , 2020, 11, 1957.	4.8	108
5	Mesenchymal stem cells alleviate oxidative stress-induced mitochondrial dysfunction in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1634-1645.e5.	2.9	103
6	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. <i>PLoS ONE</i> , 2015, 10, e0119726.	2.5	94
7	Hepatic VLDL Production in ob/ob Mice Is Not Stimulated by Massive De Novo Lipogenesis but Is Less Sensitive to the Suppressive Effects of Insulin. <i>Diabetes</i> , 2003, 52, 1081-1089.	0.6	80
8	Klotho expression is reduced in COPD airway epithelial cells: effects on inflammation and oxidant injury. <i>Clinical Science</i> , 2015, 129, 1011-1023.	4.3	79
9	Acute Inhibition of Hepatic Glucose-6-phosphatase Does Not Affect Gluconeogenesis but Directs Gluconeogenic Flux toward Glycogen in Fasted Rats. <i>Journal of Biological Chemistry</i> , 2001, 276, 25727-25735.	3.4	76
10	A comprehensive analysis of oxidative stress in the ozone-induced lung inflammation mouse model. <i>Clinical Science</i> , 2014, 126, 425-440.	4.3	63
11	Mapping physiological G protein-coupled receptor signaling pathways reveals a role for receptor phosphorylation in airway contraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4524-4529.	7.1	46
12	Epigenetics of asthma. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 1103-1109.	2.4	44
13	The MIF Antagonist ISO-1 Attenuates Corticosteroid-Insensitive Inflammation and Airways Hyperresponsiveness in an Ozone-Induced Model of COPD. <i>PLoS ONE</i> , 2016, 11, e0146102.	2.5	43
14	Inhibitory Effect of Hydrogen Sulfide on Ozone-Induced Airway Inflammation, Oxidative Stress, and Bronchial Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 129-137.	2.9	35
15	IL-17A Modulates Oxidant Stress-Induced Airway Hyperresponsiveness but Not Emphysema. <i>PLoS ONE</i> , 2013, 8, e58452.	2.5	33
16	Inactivation, Clearance, and Functional Effects of Lung-Instilled Short and Long Silver Nanowires in Rats. <i>ACS Nano</i> , 2017, 11, 2652-2664.	14.6	30
17	Mitochondrial dysfunction in airways and quadriceps muscle of patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2020, 21, 262.	3.6	27
18	Pathophysiological regulation of lung function by the free fatty acid receptor FFA4. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	20

#	ARTICLE	IF	CITATIONS
19	Clofibrate improves glucose tolerance in fat-fed rats but decreases hepatic glucose consumption capacity. <i>Journal of Hepatology</i> , 2002, 37, 425-431.	3.7	18
20	BET proteins are a key component of immunoglobulin gene expression. <i>Epigenomics</i> , 2017, 9, 393-406.	2.1	8