

# Carolyn J Baglole

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3883263/publications.pdf>

Version: 2024-02-01

66  
papers

3,155  
citations

147801

31  
h-index

161849

54  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
2	Cigarette smoke induces cyclooxygenase-2 and microsomal prostaglandin E2 synthase in human lung fibroblasts: implications for lung inflammation and cancer. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L981-L991.	2.9	181
3	Environmental immune disruptors, inflammation and cancer risk. <i>Carcinogenesis</i> , 2015, 36, S232-S253.	2.8	168
4	Aryl Hydrocarbon Receptor-Deficient Mice Develop Heightened Inflammatory Responses to Cigarette Smoke and Endotoxin Associated with Rapid Loss of the Nuclear Factor- $\kappa$ B Component RelB. <i>American Journal of Pathology</i> , 2007, 170, 855-864.	3.8	163
5	The Aryl Hydrocarbon Receptor Attenuates Tobacco Smoke-induced Cyclooxygenase-2 and Prostaglandin Production in Lung Fibroblasts through Regulation of the NF- $\kappa$ B Family Member RelB. <i>Journal of Biological Chemistry</i> , 2008, 283, 28944-28957.	3.4	135
6	Nanoengineered silica: Properties, applications and toxicity. <i>Food and Chemical Toxicology</i> , 2017, 109, 753-770.	3.6	135
7	Inhaled Pollutants: The Molecular Scene behind Respiratory and Systemic Diseases Associated with Ultrafine Particulate Matter. <i>International Journal of Molecular Sciences</i> , 2017, 18, 243.	4.1	122
8	Th17-associated cytokines promote human airway smooth muscle cell proliferation. <i>FASEB Journal</i> , 2012, 26, 5152-5160.	0.5	110
9	Differential Roles of CXCL2 and CXCL3 and Their Receptors in Regulating Normal and Asthmatic Airway Smooth Muscle Cell Migration. <i>Journal of Immunology</i> , 2013, 191, 2731-2741.	0.8	110
10	Genetic and histologic evidence for autophagy in asthma pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 569-571.	2.9	104
11	More Than Structural Cells, Fibroblasts Create and Orchestrate the Tumor Microenvironment. <i>Immunological Investigations</i> , 2006, 35, 297-325.	2.0	99
12	Differential induction of apoptosis by cigarette smoke extract in primary human lung fibroblast strains: implications for emphysema. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L19-L29.	2.9	80
13	Human airway branch variation and chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E974-E981.	7.1	80
14	Genetic Ablation of the Aryl Hydrocarbon Receptor Causes Cigarette Smoke-induced Mitochondrial Dysfunction and Apoptosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 43214-43228.	3.4	78
15	Cigarette smoke-induced expression of heme oxygenase-1 in human lung fibroblasts is regulated by intracellular glutathione. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L624-L636.	2.9	71
16	Cigarette smoke increases TLR4 and TLR9 expression and induces cytokine production from CD8+T cells in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2011, 12, 149.	3.6	69
17	Inhalation Toxicology of Vaping Products and Implications for Pulmonary Health. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3495.	4.1	65
18	Isolation and Phenotypic Characterization of Lung Fibroblasts. , 2005, 117, 115-127.		63

#	ARTICLE	IF	CITATIONS
19	Genetic deletion of IL-17A reduces cigarette smoke-induced inflammation and alveolar type II cell apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L132-L143.	2.9	56
20	The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3882.	4.1	56
21	The Aryl Hydrocarbon Receptor Ligand ITE Inhibits TGF $\beta$ 1-Induced Human Myofibroblast Differentiation. <i>American Journal of Pathology</i> , 2011, 178, 1556-1567.	3.8	51
22	Fibroblast-epithelial cell interactions drive epithelial-mesenchymal transition differently in cells from normal and COPD patients. <i>Respiratory Research</i> , 2015, 16, 72.	3.6	51
23	Lung-Targeted Overexpression of the NF- $\kappa$ B Member RelB Inhibits Cigarette Smoke-Induced Inflammation. <i>American Journal of Pathology</i> , 2011, 179, 125-133.	3.8	50
24	Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure. <i>Scientific Reports</i> , 2017, 7, 40539.	3.3	47
25	The NF- $\kappa$ B family member RelB regulates microRNA miR-146a to suppress cigarette smoke-induced COX-2 protein expression in lung fibroblasts. <i>Toxicology Letters</i> , 2014, 226, 107-116.	0.8	45
26	Aryl Hydrocarbon Receptor (AhR) Attenuation of Subchronic Cigarette Smoke-induced Pulmonary Neutrophilia Is Associated with Retention of Nuclear RelB and Suppression of Intercellular Adhesion Molecule-1 (ICAM-1). <i>Toxicological Sciences</i> , 2014, 140, 204-223.	3.1	43
27	The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1. <i>Free Radical Biology and Medicine</i> , 2015, 89, 342-357.	2.9	41
28	Bioinformatic analysis of microRNA and mRNA Regulation in peripheral blood mononuclear cells of patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2017, 18, 4.	3.6	39
29	Peroxisome Proliferator-Activated Receptor $\gamma$ Ligands Enhance Human B Cell Antibody Production and Differentiation. <i>Journal of Immunology</i> , 2009, 183, 6903-6912.	0.8	37
30	Aryl hydrocarbon receptor-dependent regulation of miR-196a expression controls lung fibroblast apoptosis but not proliferation. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 511-525.	2.8	37
31	Mast Cell-derived Prostaglandin D2 Controls Hyaluronan Synthesis in Human Orbital Fibroblasts via DP1 Activation. <i>Journal of Biological Chemistry</i> , 2010, 285, 15794-15804.	3.4	34
32	Smoke-Induced neuromuscular junction degeneration precedes the fibre type shift and atrophy in chronic obstructive pulmonary disease. <i>Journal of Physiology</i> , 2018, 596, 2865-2881.	2.9	34
33	Aryl Hydrocarbon Receptor-Dependent Retention of Nuclear HuR Suppresses Cigarette Smoke-Induced Cyclooxygenase-2 Expression Independent of DNA-Binding. <i>PLoS ONE</i> , 2013, 8, e74953.	2.5	33
34	Upregulation of IL-17A/F from human lung tissue explants with cigarette smoke exposure: implications for COPD. <i>Respiratory Research</i> , 2014, 15, 145.	3.6	31
35	Decreased expression of the NF- $\kappa$ B family member RelB in lung fibroblasts from Smokers with and without COPD potentiates cigarette smoke-induced COX-2 expression. <i>Respiratory Research</i> , 2015, 16, 54.	3.6	25
36	RelB attenuates cigarette smoke extract-induced apoptosis in association with transcriptional regulation of the aryl hydrocarbon receptor. <i>Free Radical Biology and Medicine</i> , 2017, 108, 19-31.	2.9	25

#	ARTICLE	IF	CITATIONS
37	Epithelial distribution of neural receptors in the guinea pig small intestine. Canadian Journal of Physiology and Pharmacology, 2005, 83, 389-395.	1.4	23
38	Induction of heme oxygenase-1 in normal and malignant B lymphocytes by 15-deoxy- $\Delta^{12,14}$ -prostaglandin J2 requires Nrf2. Cellular Immunology, 2010, 262, 18-27.	3.0	21
39	Angiotensin-converting enzyme 2 expression in COPD and IPF fibroblasts: the forgotten cell in COVID-19. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L152-L157.	2.9	20
40	Pulmonary and diaphragmatic pathology in collagen type I $\alpha 1$ mutant mice with osteogenesis imperfecta. Pediatric Research, 2018, 83, 1165-1171.	2.3	19
41	Chronic aryl hydrocarbon receptor activity phenocopies smoking-induced skeletal muscle impairment. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 589-604.	7.3	19
42	IL-8 production in response to cigarette smoke is decreased in epithelial cells from COPD patients. Pulmonary Pharmacology and Therapeutics, 2013, 26, 596-602.	2.6	18
43	Peroxisome proliferator-activated receptor gamma overexpression and knockdown: impact on human B cell lymphoma proliferation and survival. Cancer Immunology, Immunotherapy, 2009, 58, 1071-1083.	4.2	17
44	Dihydromethysticin (DHM) Blocks Tobacco Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-Induced $6\beta$ -Methylguanine in a Manner Independent of the Aryl Hydrocarbon Receptor (AhR) Pathway in C57BL/6 Female Mice. Chemical Research in Toxicology, 2016, 29, 1828-1834.	3.3	17
45	Human antigen R promotes lung fibroblast differentiation to myofibroblasts and increases extracellular matrix production. Journal of Cellular Physiology, 2021, 236, 6836-6851.	4.1	17
46	Endocrine aryl hydrocarbon receptor signaling is induced by moderate cutaneous exposure to ultraviolet light. Scientific Reports, 2019, 9, 8486.	3.3	15
47	Aryl hydrocarbon receptor deficiency causes the development of chronic obstructive pulmonary disease through the integration of multiple pathogenic mechanisms. FASEB Journal, 2021, 35, e21376.	0.5	15
48	Club Cell-16 and RelB as Novel Determinants of Arterial Stiffness in Exacerbating COPD Patients. PLoS ONE, 2016, 11, e0149974.	2.5	15
49	Alterations in the Expression of the NF- $\kappa$ B Family Member RelB as a Novel Marker of Cardiovascular Outcomes during Acute Exacerbations of Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e112965.	2.5	14
50	The Aryl Hydrocarbon Receptor Attenuates Acute Cigarette Smoke-Induced Airway Neutrophilia Independent of the Dioxin Response Element. Frontiers in Immunology, 2021, 12, 630427.	4.8	13
51	Low levels of the AhR in chronic obstructive pulmonary disease (COPD)-derived lung cells increases COX-2 protein by altering mRNA stability. PLoS ONE, 2017, 12, e0180881.	2.5	13
52	The aryl hydrocarbon receptor reduces LC3II expression and controls endoplasmic reticulum stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L339-L355.	2.9	11
53	Involvement of the ACE2/Ang-(1-7)/MasR Axis in Pulmonary Fibrosis: Implications for COVID-19. International Journal of Molecular Sciences, 2021, 22, 12955.	4.1	11
54	Acute denervation alters the epithelial response to adrenoceptor activation through an increase in $\alpha 1$ -adrenoceptor expression on villus enterocytes. British Journal of Pharmacology, 2006, 147, 101-108.	5.4	10

#	ARTICLE	IF	CITATIONS
55	Differential Contribution of the Aryl-Hydrocarbon Receptor and Toll-Like Receptor Pathways to IL-8 Expression in Normal and Cystic Fibrosis Airway Epithelial Cells Exposed to <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 148.	3.7	9
56	Differential impact of JUUL flavors on pulmonary immune modulation and oxidative stress responses in male and female mice. <i>Archives of Toxicology</i> , 2022, 96, 1783-1798.	4.2	8
57	Endogenous regulation of the Akt pathway by the aryl hydrocarbon receptor (AhR) in lung fibroblasts. <i>Scientific Reports</i> , 2021, 11, 23189.	3.3	7
58	HuR drives lung fibroblast differentiation but not metabolic reprogramming in response to TGF- $\beta$ 2 and hypoxia. <i>Respiratory Research</i> , 2021, 22, 323.	3.6	6
59	Role of Human Antigen R (HuR) in the Regulation of Pulmonary ACE2 Expression. <i>Cells</i> , 2022, 11, 22.	4.1	6
60	The Aryl Hydrocarbon Receptor Suppresses Chronic Smoke-Induced Pulmonary Inflammation. <i>Frontiers in Toxicology</i> , 2021, 3, 653569.	3.1	5
61	Pulmonary neutrophilia caused by absence of the NF- $\kappa$ B member RelB is dampened by exposure to cigarette smoke. <i>Molecular Immunology</i> , 2019, 114, 395-409.	2.2	4
62	Aberrant Post-Transcriptional Regulation of Protein Expression in the Development of Chronic Obstructive Pulmonary Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11963.	4.1	4
63	Investigating the effect of pretreatment with azithromycin on inflammatory mediators in bronchial epithelial cells exposed to cigarette smoke. <i>Experimental Lung Research</i> , 2021, 47, 98-109.	1.2	3
64	Differential Regulation of the Asthmatic Phenotype by the Aryl Hydrocarbon Receptor. <i>Frontiers in Physiology</i> , 2021, 12, 720196.	2.8	3
65	Standardized Cannabis Smoke Extract Induces Inflammation in Human Lung Fibroblasts. <i>Frontiers in Pharmacology</i> , 2022, 13, 852029.	3.5	3
66	8 and 16 weeks of Chronic Tobacco Smoke Exposure Negatively Impacts Peripheral Motor Axon and Neuromuscular Junction Morphology in the Diaphragm of Mice. <i>FASEB Journal</i> , 2018, 32, lb494.	0.5	0