Carolyn J Baglole

List of Publications by Year
in descending order

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	Chronic aryl hydrocarbon receptor activity phenocopies smokingâ€induced skeletal muscle impairment. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 589-604.	7.3	19
2	Standardized Cannabis Smoke Extract Induces Inflammation in Human Lung Fibroblasts. Frontiers in Pharmacology, 2022, 13, 852029.	3.5	3
3	Differential impact of JUUL flavors on pulmonary immune modulation and oxidative stress responses in male and female mice. Archives of Toxicology, 2022, 96, 1783-1798.	4.2	8
4	Role of Human Antigen R (HuR) in the Regulation of Pulmonary ACE2 Expression. Cells, 2022, 11, 22.	4.1	6
5	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
6	Investigating the effect of pretreatment with azithromycin on inflammatory mediators in bronchial epithelial cells exposed to cigarette smoke. Experimental Lung Research, 2021, 47, 98-109.	1.2	3
7	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
8	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
9	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
10	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
11	The Aryl Hydrocarbon Receptor Suppresses Chronic Smoke-Induced Pulmonary Inflammation. Frontiers in Toxicology, 2021, 3, 653569.	3.1	5
12	Differential Regulation of the Asthmatic Phenotype by the Aryl Hydrocarbon Receptor. Frontiers in Physiology, 2021, 12, 720196.	2.8	3
13	Aberrant Post-Transcriptional Regulation of Protein Expression in the Development of Chronic Obstructive Pulmonary Disease. International Journal of Molecular Sciences, 2021, 22, 11963.	4.1	4
14	Endogenous regulation of the Akt pathway by the aryl hydrocarbon receptor (AhR) in lung fibroblasts. Scientific Reports, 2021, 11, 23189.	3.3	7
15	Involvement of the ACE2/Ang-(1â€“7)/MasR Axis in Pulmonary Fibrosis: Implications for COVID-19. International Journal of Molecular Sciences, 2021, 22, 12955.	4.1	11
16	HuR drives lung fibroblast differentiation but not metabolic reprogramming in response to TGF-Î² and hypoxia. Respiratory Research, 2021, 22, 323.	3.6	6
17	Inhalation Toxicology of Vaping Products and Implications for Pulmonary Health. International Journal of Molecular Sciences, 2020, 21, 3495.	4.1	65
18	Pulmonary neutrophilia caused by absence of the NF-ÎºB member RelB is dampened by exposure to cigarette smoke. Molecular Immunology, 2019, 114, 395-409.	2.2	4

#	Article	IF	Citations
19	Endocrine aryl hydrocarbon receptor signaling is induced by moderate cutaneous exposure to ultraviolet light. Scientific Reports, 2019, 9, 8486.	3.3	15
20	Smokeâ€induced neuromuscular junction degeneration precedes the fibre type shift and atrophy in chronic obstructive pulmonary disease. Journal of Physiology, 2018, 596, 2865-2881.	2.9	34
21	Human airway branch variation and chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E974-E981.	7.1	80
22	Pulmonary and diaphragmatic pathology in collagen type I Î±1 mutant mice with osteogenesis imperfecta. Pediatric Research, 2018, 83, 1165-1171.	2.3	19
23	The Aryl Hydrocarbon Receptor and the Maintenance of Lung Health. International Journal of Molecular Sciences, 2018, 19, 3882.	4.1	56
24	8 and 16 weeks of Chronic Tobacco Smoke Exposure Negatively Impacts Peripheral Motor Axon and Neuromuscular Junction Morphology in the Diaphragm of Mice. FASEB Journal, 2018, 32, lb494.	0.5	0
25	Aryl hydrocarbon receptor (AhR)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure. Scientific Reports, 2017, 7, 40539.	3.3	47
26	RelB attenuates cigarette smoke extract-induced apoptosis in association with transcriptional regulation of the aryl hydrocarbon receptor. Free Radical Biology and Medicine, 2017, 108, 19-31.	2.9	25
27	Nanoengineered silica: Properties, applications and toxicity. Food and Chemical Toxicology, 2017, 109, 753-770.	3.6	135
28	Bioinformatic analysis of microRNA and mRNA Regulation in peripheral blood mononuclear cells of patients with chronic obstructive pulmonary disease. Respiratory Research, 2017, 18, 4.	3.6	39
29	Inhaled Pollutants: The Molecular Scene behind Respiratory and Systemic Diseases Associated with Ultrafine Particulate Matter. International Journal of Molecular Sciences, 2017, 18, 243.	4.1	122
30	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
31	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 Pseudomonas aeruginosa. Frontiers in Cell and Developmental Biology, 2016, 4, 148.	3.7	9
32	Dihydromethysticin (DHM) Blocks Tobacco Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-Induced O⁶-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
33	Club Cell-16 and RelB as Novel Determinants of Arterial Stiffness in Exacerbating COPD Patients. PLoS ONE, 2016, 11, e0149974.	2.5	15
34	Fibroblast-epithelial cell interactions drive epithelial-mesenchymal transition differently in cells from normal and COPD patients. Respiratory Research, 2015, 16, 72.	3.6	51
35	Decreased expression of the NF-ÎºB family member RelB in lung fibroblasts from Smokers with and without COPD potentiates cigarette smoke-induced COX-2 expression. Respiratory Research, 2015, 16, 54.	3.6	25
36	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239

#	Article	IF	Citations
37	Environmental immune disruptors, inflammation and cancer risk. Carcinogenesis, 2015, 36, S232-S253.	2.8	168
38	The aryl hydrocarbon receptor suppresses cigarette-smoke-induced oxidative stress in association with dioxin response element (DRE)-independent regulation of sulfiredoxin 1. Free Radical Biology and Medicine, 2015, 89, 342-357.	2.9	41
39	Genetic deletion of IL-17A reduces cigarette smoke-induced inflammation and alveolar type II cell apoptosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L132-L143.	2.9	56
40	Upregulation of IL-17A/F from human lung tissue explants with cigarette smoke exposure: implications for COPD. Respiratory Research, 2014, 15, 145.	3.6	31
41	The NF-Î²B family member RelB regulates microRNA miR-146a to suppress cigarette smoke-induced COX-2 protein expression in lung fibroblasts. Toxicology Letters, 2014, 226, 107-116.	0.8	45
42	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). Toxicological Sciences, 2014, 140, 204-223.	3.1	43
43	Aryl hydrocarbon receptor-dependent regulation of miR-196a expression controls lung fibroblast apoptosis but not proliferation. Toxicology and Applied Pharmacology, 2014, 280, 511-525.	2.8	37
44	Alterations in the Expression of the NF-Î²B 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
45	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
46	Differential Roles of CXCL2 and CXCL3 and Their Receptors in Regulating Normal and Asthmatic Airway Smooth Muscle Cell Migration. Journal of Immunology, 2013, 191, 2731-2741.	0.8	110
47	Aryl Hydrocarbon Receptor-Dependent Retention of Nuclear HuR Suppresses Cigarette Smoke-Induced Cyclooxygenase-2 Expression Independent of DNA-Binding. PLoS ONE, 2013, 8, e74953.	2.5	33
48	Genetic and histologic evidence for autophagy in asthma pathogenesis. Journal of Allergy and Clinical Immunology, 2012, 129, 569-571.	2.9	104
49	Th17â€associated cytokines promote human airway smooth muscle cell proliferation. FASEB Journal, 2012, 26, 5152-5160.	0.5	110
50	The Aryl Hydrocarbon Receptor Ligand ITE Inhibits TGFÎ²1-Induced Human Myofibroblast Differentiation. American Journal of Pathology, 2011, 178, 1556-1567.	3.8	51
51	Lung-Targeted Overexpression of the NF-Î²B Member RelB Inhibits Cigarette Smokeâ€“Induced Inflammation. American Journal of Pathology, 2011, 179, 125-133.	3.8	50
52	Cigarette smoke increases TLR4 and TLR9 expression and induces cytokine production from CD8+T cells in chronic obstructive pulmonary disease. Respiratory Research, 2011, 12, 149.	3.6	69
53	Genetic Ablation of the Aryl Hydrocarbon Receptor Causes Cigarette Smoke-induced Mitochondrial Dysfunction and Apoptosis. Journal of Biological Chemistry, 2011, 286, 43214-43228.	3.4	78
54	Induction of heme oxygenase-1 in normal and malignant B lymphocytes by 15-deoxy-Î”12,14-prostaglandin J2 requires Nrf2. Cellular Immunology, 2010, 262, 18-27.	3.0	21

#	Article	IF	Citations
55	Mast Cell-derived Prostaglandin D2 Controls Hyaluronan Synthesis in Human Orbital Fibroblasts via DP1 Activation. Journal of Biological Chemistry, 2010, 285, 15794-15804.	3.4	34
56	Peroxisome Proliferator-Activated Receptor Î³ Ligands Enhance Human B Cell Antibody Production and Differentiation. Journal of Immunology, 2009, 183, 6903-6912.	0.8	37
57	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
58	The Aryl Hydrocarbon Receptor Attenuates Tobacco Smoke-induced Cyclooxygenase-2 and Prostaglandin Production in Lung Fibroblasts through Regulation of the NF-ÎºB Family Member RelB. Journal of Biological Chemistry, 2008, 283, 28944-28957.	3.4	135
59	Cigarette smoke-induced expression of heme oxygenase-1 in human lung fibroblasts is regulated by intracellular glutathione. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L624-L636.	2.9	71
60	Aryl Hydrocarbon Receptor-Deficient Mice Develop Heightened Inflammatory Responses to Cigarette Smoke and Endotoxin Associated with Rapid Loss of the Nuclear Factor-ÎºB Component RelB. American Journal of Pathology, 2007, 170, 855-864.	3.8	163
61	Acute denervation alters the epithelial response to adrenoceptor activation through an increase in Î± 1 -adrenoceptor expression on villus enterocytes. British Journal of Pharmacology, 2006, 147, 101-108.	5.4	10
62	Differential induction of apoptosis by cigarette smoke extract in primary human lung fibroblast strains: implications for emphysema. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L19-L29.	2.9	80
63	More Than Structural Cells, Fibroblasts Create and Orchestrate the Tumor Microenvironment. Immunological Investigations, 2006, 35, 297-325.	2.0	99
64	Isolation and Phenotypic Characterization of Lung Fibroblasts. , 2005, 117, 115-127.		63
65	Epithelial distribution of neural receptors in the guinea pig small intestine. Canadian Journal of Physiology and Pharmacology, 2005, 83, 389-395.	1.4	23
66	Cigarette smoke induces cyclooxygenase-2 and microsomal prostaglandin E2 synthase in human lung fibroblasts: implications for lung inflammation and cancer. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L981-L991.	2.9	181