Stephanie A Shore

List of Publications by Year
in descending order

88 papers	6,443 citations	81743 39 h-index	69108 77 g-index
90 all docs	90 docs citations	90 times ranked	6199 citing authors

#	Article	IF	Citations
1	The Gut Microbiome and Ozone-induced Airway Hyperresponsiveness. Mechanisms and Therapeutic Prospects. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 283-291.	1.4	14
2	Sex Differences in the Impact of Dietary Fiber on Pulmonary Responses to Ozone. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 503-512.	1.4	17
3	Gut microbiota from androgenâ€altered donors alter pulmonary responses to ozone in female mice. Physiological Reports, 2020, 8, e14584.	0.7	1
4	IL-33, diet-induced obesity, and pulmonary responses to ozone. Respiratory Research, 2020, 21, 98.	1.4	9
5	Early life microbiome perturbation alters pulmonary responses to ozone in male mice. Physiological Reports, 2020, 8, e14290.	0.7	14
6	Androgens augment pulmonary responses to ozone in mice. Physiological Reports, 2019, 7, e14214.	0.7	12
7	Ozone-induced changes in the serum metabolome: Role of the microbiome. PLoS ONE, 2019, 14, e0221633.	1.1	12
8	The interleukin-33 receptor contributes to pulmonary responses to ozone in male mice: role of the microbiome. Respiratory Research, 2019, 20, 197.	1.4	19
9	Microbiota Contribute to Obesity-related Increases in the Pulmonary Response to Ozone. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 702-712.	1.4	34
10	The Metabolic Response to Ozone. Frontiers in Immunology, 2019, 10, 2890.	2.2	17
11	Obesity and asthma: What have we learned from animal models?. , 2019, , 111-142.		0
12	Obesity and severe asthma. Allergology International, 2019, 68, 135-142.	1.4	82
13	Sex Differences in Pulmonary Responses to Ozone in Mice. Role of the Microbiome. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 198-208.	1.4	49
14	A functional splice variant associated with decreased asthma risk abolishes the ability of gasdermin B to induce epithelial cell pyroptosis. Journal of Allergy and Clinical Immunology, 2018, 142, 1469-1478.e2.	1.5	121
15	The Microbiome Regulates Pulmonary Responses to Ozone in Mice. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 346-354.	1.4	49
16	Augmented Responses to Ozone in Obese Mice Require IL-17A and Gastrin-Releasing Peptide. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 341-351.	1.4	32
17	Mechanistic Basis for Obesity-related Increases in Ozone-induced Airway Hyperresponsiveness in Mice. Annals of the American Thoracic Society, 2017, 14, S357-S362.	1.5	21
18	Regulation of IL-17A expression in mice following subacute ozone exposure. Journal of Immunotoxicology, 2016, 13, 428-438.	0.9	6

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19	Obesity, Asthma, and the Microbiome. Physiology, 2016, 31, 108-116.	1.6	26
20	Obesity and Asthma: Microbiomeâ€"Metabolome Interactions. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 609-617.	1.4	73
21	ROCK insufficiency attenuates ozone-induced airway hyperresponsiveness in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L736-L746.	1.3	25
22	Î³Î´ T Cells Are Required for M2 Macrophage Polarization and Resolution of Ozone-Induced Pulmonary Inflammation in Mice. PLoS ONE, 2015, 10, e0131236.	1.1	27
23	Abrogation of airway hyperresponsiveness but not inflammation by rho kinase insufficiency. Clinical and Experimental Allergy, 2015, 45, 457-470.	1.4	22
24	Unjamming and cell shape in the asthmatic airwayÂepithelium. Nature Materials, 2015, 14, 1040-1048.	13.3	484
25	Î³Î´ T Cells Are Required for Pulmonary IL-17A Expression after Ozone Exposure in Mice: Role of TNFÎ±. PLoS ONE, 2014, 9, e97707.	1.1	25
26	Pivotal role of IL-6 in the hyperinflammatory responses to subacute ozone in adiponectin-deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L508-L520.	1.3	22
27	Induction of IL-17A Precedes Development of Airway Hyperresponsiveness during Diet-Induced Obesity and Correlates with Complement Factor D. Frontiers in Immunology, 2014, 5, 440.	2.2	55
28	Interleukin-17â€"producing innate lymphoid cells and the NLRP3 inflammasome facilitate obesity-associated airway hyperreactivity. Nature Medicine, 2014, 20, 54-61.	15.2	515
29	Effects of Obesity on Airway Responsiveness. , 2013, , 21-45.		0
30	Obesity and airway responsiveness: Role of TNFR2. Pulmonary Pharmacology and Therapeutics, 2013, 26, 444-454.	1.1	44
31	Obesity and asthma: location, location, location. European Respiratory Journal, 2013, 41, 253-254.	3.1	27
32	Impact of Adiponectin Overexpression on Allergic Airways Responses in Mice. Journal of Allergy, 2013, 2013, 1-13.	0.7	13
33	Adiponectin, Leptin, and Resistin in Asthma: Basic Mechanisms through Population Studies. Journal of Allergy, 2013, 2013, 1-15.	0.7	82
34	Role of the Adiponectin Binding Protein, T-Cadherin (cdh13), in Pulmonary Responses to Subacute Ozone. PLoS ONE, 2013, 8, e65829.	1.1	13
35	Pulmonary Inflammation Induced by Subacute Ozone Is Augmented in Adiponectin-Deficient Mice: Role of IL-17A. Journal of Immunology, 2012, 188, 4558-4567.	0.4	63
36	Role of TNFR1 in the innate airway hyperresponsiveness of obese mice. Journal of Applied Physiology, 2012, 113, 1476-1485.	1.2	14

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37	Role of the Adiponectin Binding Protein, T-Cadherin (Cdh13), in Allergic Airways Responses in Mice. PLoS ONE, 2012, 7, e41088.	1.1	38
38	Environmental Perturbations: Obesity. , 2011, 1, 263-282.		11
39	Impact of aging on pulmonary responses to acute ozone exposure in mice: role of TNFR1. Inhalation Toxicology, 2011, 23, 878-888.	0.8	17
40	Onset of obesity in carboxypeptidase E-deficient mice and effect on airway responsiveness and pulmonary responses to ozone. Journal of Applied Physiology, 2010, 108, 1812-1819.	1.2	21
41	Obesity, airway hyperresponsiveness, and inflammation. Journal of Applied Physiology, 2010, 108, 735-743.	1.2	143
42	Impact of Adiponectin Deficiency on Pulmonary Responses to Acute Ozone Exposure in Mice. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 487-497.	1.4	39
43	An Official American Thoracic Society Workshop Report: Obesity and Asthma. Proceedings of the American Thoracic Society, 2010, 7, 325-335.	3.5	290
44	Pulmonary responses to subacute ozone exposure in obese vs. lean mice. Journal of Applied Physiology, 2009, 107, 1445-1452.	1.2	38
45	Asthma and COPD. , 2009, , 99-109.		0
46	Obesity and asthma: Possible mechanisms. Journal of Allergy and Clinical Immunology, 2008, 121, 1087-1093.	1.5	388
47	Diet-induced obesity causes innate airway hyperresponsiveness to methacholine and enhances ozone-induced pulmonary inflammation. Journal of Applied Physiology, 2008, 104, 1727-1735.	1.2	123
48	No effect of metformin on the innate airway hyperresponsiveness and increased responses to ozone observed in obese mice. Journal of Applied Physiology, 2008, 105, 1127-1133.	1.2	43
49	Effect of obesity on pulmonary inflammation induced by acute ozone exposure: role of interleukin-6. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1013-L1020.	1.3	46
50	Allergic Airway Responses in Obese Mice. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 650-658.	2.5	133
51	Type I Interleukin-1 Receptor Is Required for Pulmonary Responses to Subacute Ozone Exposure in Mice. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 477-484.	1.4	36
52	Obesity and asthma: implications for treatment. Current Opinion in Pulmonary Medicine, 2007, 13, 56-62.	1.2	81
53	Obesity and asthma: lessons from animal models. Journal of Applied Physiology, 2007, 102, 516-528.	1.2	149
54	Pulmonary responses to acute ozone exposure in fasted mice: effect of leptin administration. Journal of Applied Physiology, 2007, 102, 149-156.	1.2	18

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55	Adiponectin attenuates allergen-induced airway inflammation and hyperresponsiveness in mice. Journal of Allergy and Clinical Immunology, 2006, 118, 389-395.	1.5	283
56	Airway Smooth Muscle Mechanics, Remodeling and Proliferation: Effects of Aicar and Metformin. , 2006, , .		0
57	Obesity and asthma: cause for concern. Current Opinion in Pharmacology, 2006, 6, 230-236.	1.7	52
58	Obesity and asthma. , 2006, 110, 83-102.		226
59	Augmented responses to ozone in obese carboxypeptidase E-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R126-R133.	0.9	77
60	A Brief Targeted Review of Susceptibility Factors, Environmental Exposures, Asthma Incidence, and Recommendations for Future Asthma Incidence Research. Environmental Health Perspectives, 2006, 114, 634-640.	2.8	75
61	Interleukin-13 and Interleukin-4 Induce Vascular Endothelial Growth Factor Release from Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 213-218.	1.4	52
62	Increased pulmonary responses to acute ozone exposure in obese db/db mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L856-L865.	1.3	126
63	CXCR2 is essential for maximal neutrophil recruitment and methacholine responsiveness after ozone exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L61-L67.	1.3	85
64	Role of interleukin-6 in murine airway responses to ozone. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L390-L397.	1.3	74
65	Effect of leptin on allergic airway responses in mice. Journal of Allergy and Clinical Immunology, 2005, 115, 103-109.	1.5	296
66	Obesity, smooth muscle, and airway hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2005, 115, 925-927.	1.5	203
67	Expression of nitric oxide synthase-2 in the lungs decreases airway resistance and responsiveness. Journal of Applied Physiology, 2004, 97, 249-259.	1.2	44
68	Airway Smooth Muscle in Asthma â€" Not Just More of the Same. New England Journal of Medicine, 2004, 351, 531-532.	13.9	25
69	Obesity and Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 963-968.	2.5	183
70	Direct effects of Th2 cytokines on airway smooth muscle. Current Opinion in Pharmacology, 2004, 4, 235-240.	1.7	40
71	Regulation of Î²-adrenergic responses in airway smooth muscle. Respiratory Physiology and Neurobiology, 2003, 137, 179-195.	0.7	74
72	IL-13 and IL-4 promote TARC release in human airway smooth muscle cells: role of IL-4 receptor genotype. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L907-L914.	1.3	80

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73	Î²-Agonists and asthma: too much of a good thing?. Journal of Clinical Investigation, 2003, 112, 495-497.	3.9	35
74	IL-13 and IL-4 cause eotaxin release in human airway smooth muscle cells: a role for ERK. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L847-L853.	1.3	146
75	Cytokine regulation of Î²-adrenergic responses in airway smooth muscle. Journal of Allergy and Clinical Immunology, 2002, 110, S255-S260.	1.5	24
76	Effect of IL-1Î² on CRE-dependent gene expression in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L1239-L1246.	1.3	19
77	Effects of cytokines on contractile and dilator responses of airway smooth muscle. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 859-866.	0.9	59
78	Selected Contribution: Time course and heterogeneity of contractile responses in cultured human airway smooth muscle cells. Journal of Applied Physiology, 2001, 91, 986-994.	1.2	167
79	Selected Contribution: Synergism between TNF-Î± and IL-1Î² in airway smooth muscle cells: implications for Î²-adrenergic responsiveness. Journal of Applied Physiology, 2001, 91, 1467-1474.	1.2	59
80	Interleukin-6 family cytokines: signaling and effects in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L1225-L1232.	1.3	33
81	p38 MAP kinase regulates IL-1Î² responses in cultured airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L932-L941.	1.3	51
82	Glucocorticoids ablate IL-1Î²-induced Î²-adrenergic hyporesponsiveness in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L932-L942.	1.3	21
83	Role of ERK MAP kinases in responses of cultured human airway smooth muscle cells to IL-1Î². American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L943-L951.	1.3	39
84	Role of tachykinins in airway responses to ozone in rats. Journal of Applied Physiology, 1998, 85, 442-450.	1.2	18
85	Prostanoids mediate IL-1Î²-induced Î²-adrenergic hyporesponsiveness in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L491-L501.	1.3	52
86	Rat alveolar macrophages express preprotachykinin gene-I mRNA-encoding tachykinins. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 273, L1073-L1081.	1.3	31
87	Role of capsaicin-sensitive neurons in histamine-induced luminal liquid in small airways. Clinical and Experimental Allergy, 1991, 21, 37-41.	1.4	8
88	Recovery of an Epitope Recognized by a Novel Monoclonal Antibody from Airway Lavage during Experimental Induction of Chronic Bronchitis. American Journal of Respiratory Cell and Molecular Biology, 1990, 2, 453-462.	1.4	13