Jill A Poole

List of Publications by Year
in descending order

91 papers	2,731 citations	172207 29 h-index	205818 48 g-index
93 all docs	93 docs citations	93 times ranked	2875 citing authors

#	Article	IF	Citations
1	Timing of Initial Exposure to Cereal Grains and the Risk of Wheat Allergy. Pediatrics, 2006, 117, 2175-2182.	1.0	265
2	Respiratory Health Effects of Large Animal Farming Environments. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2012, 15, 524-541.	2.9	137
3	Immunology of Pregnancy: Implications for the Mother. Clinical Reviews in Allergy and Immunology, 2004, 26, 161-170.	2.9	117
4	Intranasal organic dust exposure-induced airway adaptation response marked by persistent lung inflammation and pathology in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L1085-L1095.	1.3	102
5	Muramic Acid, Endotoxin, 3-Hydroxy Fatty Acids, and Ergosterol Content Explain Monocyte and Epithelial Cell Inflammatory Responses to Agricultural Dusts. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 684-700.	1.1	102
6	Impact of weather and climate change with indoor and outdoor air quality in asthma: A Work Group Report of the AAAAI Environmental Exposure and Respiratory Health Committee. Journal of Allergy and Clinical Immunology, 2019, 143, 1702-1710.	1.5	98
7	Immunological and inflammatory responses to organic dust in agriculture. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 126-132.	1.1	89
8	Toll-Like Receptor 2 Regulates Organic Dustâ€“Induced Airway Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 711-719.	1.4	79
9	Anti-CD23 monoclonal antibody, lumiliximab, inhibited allergen-induced responses in antigen-presenting cells and T cells from atopic subjects. Journal of Allergy and Clinical Immunology, 2005, 116, 780-788.	1.5	78
10	Maresin-1 reduces the pro-inflammatory response of bronchial epithelial cells to organic dust. Respiratory Research, 2013, 14, 51.	1.4	56
11	Repetitive organic dust exposure in vitro impairs macrophage differentiation and function. Journal of Allergy and Clinical Immunology, 2008, 122, 375-382.e4.	1.5	52
12	Malondialdehydeâ€“Acetaldehyde Adducts and Antibody Responses in Rheumatoid Arthritisâ€“Associated Interstitial Lung Disease. Arthritis and Rheumatology, 2019, 71, 1483-1493.	2.9	50
13	Shotgun Pyrosequencing Metagenomic Analyses of Dusts from Swine Confinement and Grain Facilities. PLoS ONE, 2014, 9, e95578.	1.1	49
14	Rhinitis Associated with Pesticide Use Among Private Pesticide Applicators in the Agricultural Health Study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1382-1393.	1.1	44
15	Co-Exposure to Cigarette Smoke and Alcohol Decreases Airway Epithelial Cell Cilia Beating in a Protein Kinase Cĺµ-Dependent Manner. American Journal of Pathology, 2012, 181, 431-440.	1.9	44
16	Reduced vitamin D levels in adult subjects with chronic urticaria. Journal of Allergy and Clinical Immunology, 2010, 126, 413.	1.5	42
17	CD11c⁺/CD11b⁺ Cells Are Critical for Organic Dustâ€“Elicited Murine Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 652-659.	1.4	42
18	Beneficial role for supplemental vitamin D3 treatment in chronic urticaria:ÂaÂrandomized study. Annals of Allergy, Asthma and Immunology, 2014, 112, 376-382.	0.5	42

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19	Sequential Activation of Protein Kinase C Isoforms by Organic Dust Is Mediated by Tumor Necrosis Factor. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 706-715.	1.4	41
20	Maresin-1 reduces airway inflammation associated with acute and repetitive exposures to organic dust. Translational Research, 2015, 166, 57-69.	2.2	41
21	Sex differences in activation of lung-related type 2 innate lymphoid cells in experimental asthma. Annals of Allergy, Asthma and Immunology, 2017, 118, 233-234.	0.5	41
22	Targeting the IgE molecule in allergic and asthmatic diseases: Review of the IgE molecule and clinical efficacy. Journal of Allergy and Clinical Immunology, 2005, 115, S375-S385.	1.5	40
23	Repeat organic dust exposureâ€"induced monocyte inflammation is associated with protein kinase C activity. Journal of Allergy and Clinical Immunology, 2007, 120, 366-373.	1.5	40
24	Chronic Obstructive Pulmonary Disease Patients Have Greater Systemic Responsiveness to Ex Vivo Stimulation with Swine Dust Extract and its Components Versus Healthy Volunteers. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 1456-1470.	1.1	33
25	Farming-associated environmental exposures and effect on atopic diseases. Annals of Allergy, Asthma and Immunology, 2012, 109, 93-98.	0.5	33
26	Myeloid Differentiation Factor 88â€"Dependent Signaling Is Critical for Acute Organic Dustâ€"Induced Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 781-789.	1.4	33
27	Î±Î² T cells and a mixed Th1/Th17 response are important in organic dust-induced airway disease. Annals of Allergy, Asthma and Immunology, 2012, 109, 266-273.e2.	0.5	32
28	The Omega-3 Fatty Acid Docosahexaenoic Acid Attenuates Organic Dust-Induced Airway Inflammation. Nutrients, 2014, 6, 5434-5452.	1.7	32
29	Proteases in agricultural dust induce lung inflammation through PAR-1 and PAR-2 activation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L388-L399.	1.3	30
30	Personal exposure of dairy workers to dust, endotoxin, muramic acid, ergosterol, and ammonia on large-scale dairies in the high plains Western United States. Journal of Occupational and Environmental Hygiene, 2018, 15, 182-193.	0.4	30
31	The role of Immunoglobulin E and immune inflammation: Implications in allergic rhinitis. Current Allergy and Asthma Reports, 2005, 5, 252-258.	2.4	29
32	cAMP-dependent protein kinase activation decreases cytokine release in bronchial epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L643-L651.	1.3	27
33	Treatment with the C5a receptor/CD88 antagonist PMX205 reduces inflammation in a murine model of allergic asthma. International Immunopharmacology, 2014, 21, 293-300.	1.7	27
34	Occupational agriculture organic dust exposure and its relationship to asthma and airway inflammation in adults. Journal of Asthma, 2016, 53, 471-477.	0.9	26
35	Organic dust exposure alters monocyte-derived dendritic cell differentiation and maturation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L767-L776.	1.3	25
36	Organic Dust, Lipopolysaccharide, and Peptidoglycan Inhalant Exposures Result in Bone Loss/Disease. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 829-836.	1.4	25

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37	Influence of farming exposure on the development of asthma and asthma-like symptoms. International Immunopharmacology, 2014, 23, 356-363.	1.7	24
38	Differential Response of Human Nasal and Bronchial Epithelial Cells Upon Exposure to Size-Fractionated Dairy Dust. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 583-594.	1.1	23
39	The Role of Extreme Weather and Climate-Related Events on Asthma Outcomes. Immunology and Allergy Clinics of North America, 2021, 41, 73-84.	0.7	23
40	Cannabisâ€related allergies: An international overview and consensus recommendations. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2038-2052.	2.7	23
41	Alcohol reduces airway hyperresponsiveness (AHR) and allergic airway inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L308-L315.	1.3	22
42	Organic dust augments nucleotide-binding oligomerization domain expression via an NF-Î¹B pathway to negatively regulate inflammatory responses. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L296-L306.	1.3	21
43	MyD88 in lung resident cells governs airway inflammatory and pulmonary function responses to organic dust treatment. Respiratory Research, 2015, 16, 111.	1.4	21
44	Pattern recognition scavenger receptor A/CD204 regulates airway inflammatory homeostasis following organic dust extract exposures. Journal of Immunotoxicology, 2015, 12, 64-73.	0.9	20
45	Combined Collagen-Induced Arthritis and Organic Dust-Induced Airway Inflammation to Model Inflammatory Lung Disease in Rheumatoid Arthritis. Journal of Bone and Mineral Research, 2019, 34, 1733-1743.	3.1	20
46	Ovalbumin-sensitized mice have altered airway inflammation to agriculture organic dust. Respiratory Research, 2019, 20, 51.	1.4	20
47	Chronic lung disease in U.S. Veterans with rheumatoid arthritis and the impact on survival. Clinical Rheumatology, 2018, 37, 2907-2915.	1.0	19
48	Insufficient zinc intake enhances lung inflammation in response to agricultural organic dust exposure. Journal of Nutritional Biochemistry, 2019, 70, 56-64.	1.9	19
49	Neutralization of IL-33 modifies the type 2 and type 3 inflammatory signature of viral induced asthma exacerbation. Respiratory Research, 2021, 22, 206.	1.4	19
50	A role for B cells in organic dust induced lung inflammation. Respiratory Research, 2017, 18, 214.	1.4	18
51	The impact of disease severity measures on survival in U.S. veterans with rheumatoid arthritis-associated interstitial lung disease. Rheumatology, 2022, 61, 4667-4677.	0.9	18
52	Motile cilia harbor serum response factor as a mechanism of environment sensing and injury response in the airway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L829-L839.	1.3	17
53	Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis. Arthritis and Rheumatology, 2021, 73, 392-400.	2.9	17
54	Î²2-Adrenergic agonists attenuate organic dust-induced lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L101-L110.	1.3	16

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55	Sex differences impact the lung-bone inflammatory response to repetitive inhalant lipopolysaccharide exposures in mice. Journal of Immunotoxicology, 2018, 15, 73-81.	0.9	15
56	Relationship of systemic IL-10 levels with proinflammatory cytokine responsiveness and lung function in agriculture workers. Respiratory Research, 2018, 19, 166.	1.4	15
57	Alcohol Exposure Alters Mouse Lung Inflammation in Response to Inhaled Dust. Nutrients, 2012, 4, 695-710.	1.7	14
58	Vitamin D Treatment Modulates Organic Dustâ€“Induced Cellular and Airway Inflammatory Consequences. Journal of Biochemical and Molecular Toxicology, 2013, 27, 77-86.	1.4	14
59	Post-Injury and Resolution Response to Repetitive Inhalation Exposure to Agricultural Organic Dust in Mice. Safety, 2017, 3, 10.	0.9	14
60	IL-33 Depletion in COVID-19 Lungs. Chest, 2021, 160, 1656-1659.	0.4	14
61	Age Impacts Pulmonary Inflammation and Systemic Bone Response to Inhaled Organic Dust Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 1201-1216.	1.1	12
62	Exhaled Nitric Oxide Levels Among Adults With Excessive Alcohol Consumption. Chest, 2016, 150, 196-209.	0.4	12
63	MyD88 controls airway epithelial Muc5ac expression during TLR activation conditions from agricultural organic dust exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L334-L347.	1.3	12
64	Amphiregulin modulates murine lung recovery and fibroblast function following exposure to agriculture organic dust. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L180-L191.	1.3	12
65	High-throughput analysis of lung immune cells in a combined murine model of agriculture dust-triggered airway inflammation with rheumatoid arthritis. PLoS ONE, 2021, 16, e0240707.	1.1	12
66	The impact of airborne endotoxin exposure on rheumatoid arthritis-related joint damage, autoantigen expression, autoimmunity, and lung disease. International Immunopharmacology, 2021, 100, 108069.	1.7	12
67	Systemic IL-6 Effector Response in Mediating Systemic Bone Loss Following Inhalation of Organic Dust. Journal of Interferon and Cytokine Research, 2017, 37, 9-19.	0.5	11
68	Comparative Review of Asthma in Farmers and Horses. Current Allergy and Asthma Reports, 2019, 19, 50.	2.4	11
69	MyD88 regulates a prolonged adaptation response to environmental dust exposure-induced lung disease. Respiratory Research, 2020, 21, 97.	1.4	11
70	Editorial. International Immunopharmacology, 2014, 23, 315.	1.7	10
71	Farm Characteristics, Allergy Symptoms, and Risk of Non-Hodgkin Lymphoid Neoplasms in the Agricultural Health Study. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 587-594.	1.1	9
72	Pollutants in the workplace: Effect on occupational asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 2014-2015.	1.5	9

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73	Bronchodilator Responsiveness in Swine Veterinarians. Journal of Agromedicine, 2007, 12, 49-54.	0.9	8
74	Vitamin D supplementation protects against bone loss following inhalant organic dust and lipopolysaccharide exposures in mice. Immunologic Research, 2015, 62, 46-59.	1.3	8
75	Interleukin (IL)-33 immunobiology in asthma and airway inflammatory diseases. Journal of Asthma, 2022, 59, 2530-2538.	0.9	7
76	Protein kinase C epsilon is important in modulating organic-dust-induced airway inflammation. Experimental Lung Research, 2012, 38, 383-395.	0.5	6
77	Vitamin D supplementation: a potential booster for urticaria therapy. Expert Review of Clinical Immunology, 2014, 10, 1269-1271.	1.3	6
78	Toll-Like Receptor 4 Signaling Pathway Mediates Inhalant Organic Dust-Induced Bone Loss. PLoS ONE, 2016, 11, e0158735.	1.1	6
79	Alcohol Inhibits Organic Dust-Induced ICAM-1 Expression on Bronchial Epithelial Cells. Safety, 2017, 3, 5.	0.9	5
80	The Effect of Inhalant Organic Dust on Bone Health. Current Allergy and Asthma Reports, 2018, 18, 16.	2.4	5
81	RSV-specific anti-viral immunity is disrupted by chronic ethanol consumption. Alcohol, 2016, 55, 35-42.	0.8	4
82	Intrauterine uterine contraception and chronic urticaria: a case series. Annals of Allergy, Asthma and Immunology, 2017, 118, 378-380.	0.5	4
83	Dimethylarginine dimethylaminohydrolase (DDAH) overexpression enhances wound repair in airway epithelial cells exposed to agricultural organic dust. Inhalation Toxicology, 2018, 30, 133-139.	0.8	4
84	An association between MMP-9 and impaired T cell migration in ethanol-fed BALB/c mice infected with respiratory syncytial virus-2A. Alcohol, 2019, 80, 25-32.	0.8	4
85	Associations Between Bioaerosol Exposures and Lung Function Changes Among Dairy Workers in Colorado. Journal of Occupational and Environmental Medicine, 2020, 62, 424-430.	0.9	4
86	Increased susceptibility to organic dust exposure-induced inflammatory lung disease with enhanced rheumatoid arthritis-associated autoantigen expression in HLA-DR4 transgenic mice. Respiratory Research, 2022, 23, .	1.4	4
87	IgE-Based Therapeutic Combination Enhances Antitumor Response in Preclinical Models of Pancreatic Cancer. Molecular Cancer Therapeutics, 2021, 20, 2457-2468.	1.9	2
88	Food intolerance, flushing, and diarrhea in a 44-year-old woman. Annals of Allergy, Asthma and Immunology, 2005, 94, 621-626.	0.5	1
89	Nrf2 Activation Protects Against Organic Dust and Hydrogen Sulfide Exposure Induced Epithelial Barrier Loss and K. pneumoniae Invasion. Frontiers in Cellular and Infection Microbiology, 2022, 12, 848773.	1.8	1
90	Harnessing the Antiinflammatory Power of MyD88 to Reduce Allergic Fungal Inflammation?. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 1-3.	1.4	0

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91	Airway diseases due to organic dust exposure. , 2013, , 357-374.		0