James G Wagner

List of Publications by Year
in descending order

41 papers	1,500 citations	331670 21 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	2011 citing authors

#	Article	IF	Citations
1	The Nose Revisited: A Brief Review of the Comparative Structure, Function, and Toxicologic Pathology of the Nasal Epithelium. Toxicologic Pathology, 2006, 34, 252-269.	1.8	398
2	Neutrophil migration during endotoxemia. Journal of Leukocyte Biology, 1999, 66, 10-24.	3.3	177
3	Cardiovascular Depression in Rats Exposed to Inhaled Particulate Matter and Ozone: Effects of Diet-Induced Metabolic Syndrome. Environmental Health Perspectives, 2014, 122, 27-33.	6.0	64
4	Source identification of ambient PM2.5 during summer inhalation exposure studies in Detroit, MI. Atmospheric Environment, 2006, 40, 3823-3834.	4.1	62
5	Vitamin E, Î³-tocopherol, reduces airway neutrophil recruitment after inhaled endotoxin challenge in rats and in healthy volunteers. Free Radical Biology and Medicine, 2013, 60, 56-62.	2.9	61
6	Ozone enhancement of lower airway allergic inflammation is prevented by Î³-tocopherol. Free Radical Biology and Medicine, 2007, 43, 1176-1188.	2.9	55
7	Enhancement of Nasal Inflammatory and Epithelial Responses after Ozone and Allergen Coexposure in Brown Norway Rats. Toxicological Sciences, 2002, 67, 284-294.	3.1	48
8	Pulmonary Retention of Particulate Matter is Associated with Airway Inflammation in Allergic Rats Exposed to Air Pollution in Urban Detroit. Inhalation Toxicology, 2004, 16, 663-674.	1.6	45
9	Differential effects of inhalation exposure to PM2.5 on hypothalamic monoamines and corticotrophin releasing hormone in lean and obese rats. NeuroToxicology, 2013, 36, 106-111.	3.0	45
10	Gamma-tocopherol, a major form of vitamin E in diets: Insights into antioxidant and anti-inflammatory effects, mechanisms, and roles in disease management. Free Radical Biology and Medicine, 2022, 178, 347-359.	2.9	45
11	Identification of ambient PM2.5 sources and analysis of pollution episodes inÂDetroit, Michigan using highly time-resolved measurements. Atmospheric Environment, 2011, 45, 1627-1637.	4.1	36
12	Î³-Tocopherol Attenuates Ozone-induced Exacerbation of Allergic Rhinosinusitis in Rats. Toxicologic Pathology, 2009, 37, 481-491.	1.8	34
13	Inhibition of Pulmonary Neutrophil Trafficking during Endotoxemia Is Dependent on the Stimulus for Migration. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 769-776.	2.9	33
14	Divergent effects of urban particulate air pollution on allergic airway responses in experimental asthma: a comparison of field exposure studies. Environmental Health, 2012, 11, 45.	4.0	33
15	PM2.5-induced cardiovascular dysregulation in rats is associated with elemental carbon and temperature-resolved carbon subfractions. Particle and Fibre Toxicology, 2014, 11, 25.	6.2	32
16	Altered Heart Rate Variability in Spontaneously Hypertensive Rats Is Associated with Specific Particulate Matter Components in Detroit, Michigan. Environmental Health Perspectives, 2011, 119, 474-480.	6.0	30
17	Vitamin E forms inhibit IL-13/STAT6-induced eotaxin-3 secretion by up-regulation of PAR4, an endogenous inhibitor of atypical PKC in human lung epithelial cells. Journal of Nutritional Biochemistry, 2012, 23, 602-608.	4.2	27
18	Innate Lymphoid Cells Mediate Pulmonary Eosinophilic Inflammation, Airway Mucous Cell Metaplasia, and Type 2 Immunity in Mice Exposed to Ozone. Toxicologic Pathology, 2017, 45, 692-704.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Pulmonary Leukostasis and the Inhibition of Airway Neutrophil Recruitment are Early Events in the Endotoxemic Rat. Shock, 2002, 17, 151-158.	2.1	25
20	Supplementation with Î³-tocopherol attenuates endotoxin-induced airway neutrophil and mucous cell responses in rats. Free Radical Biology and Medicine, 2014, 68, 101-109.	2.9	23
21	Rodent models of allergic rhinitis: Relevance to human pathophysiology. Current Allergy and Asthma Reports, 2007, 7, 134-140.	5.3	22
22	Effects of concentrated ambient particles on normal and hypersecretory airways in rats. Research Report (health Effects Institute), 2004, , 1-68; discussion 69-79.	1.6	19
23	PM2.5-induced changes in cardiac function of hypertensive rats depend on wind direction and specific sources in Steubenville, Ohio. Inhalation Toxicology, 2011, 23, 417-430.	1.6	18
24	Comparative Microarray Analysis and Pulmonary Changes in Brown Norway Rats Exposed to Ovalbumin and Concentrated Air Particulates. Toxicological Sciences, 2009, 108, 207-221.	3.1	16
25	Neuroinflammatory and Neurometabolomic Consequences From Inhaled Wildfire Smoke-Derived Particulate Matter in the Western United States. Toxicological Sciences, 2022, 186, 149-162.	3.1	16
26	Non-Allergic Models of Mucous Cell Metaplasia and Mucus Hypersecretion in Rat Nasal and Pulmonary Airways. Novartis Foundation Symposium, 2008, , 181-200.	1.1	15
27	Effects of concentrated ambient particles and diesel engine exhaust on allergic airway disease in Brown Norway rats. Research Report (health Effects Institute), 2009, , 5-55.	1.6	13
28	Spatial and temporal expression of CCR3 and the common beta chain of the IL-3, IL-5 and GM-CSF receptor in the nasal epithelium and lymphoid tissues in a rat model of allergic rhinitis. Cytokine, 2010, 52, 194-202.	3.2	12
29	Strain Differences in a Murine Model of Air Pollutantâ€"induced Nonatopic Asthma and Rhinitis. Toxicologic Pathology, 2017, 45, 161-171.	1.8	12
30	Serum-borne factors alter cerebrovascular endothelial microRNA expression following particulate matter exposure near an abandoned uranium mine on the Navajo Nation. Particle and Fibre Toxicology, 2020, 17, 29.	6.2	12
31	Cardiopulmonary responses in spontaneously hypertensive and Wistar-Kyoto rats exposed to concentrated ambient particles from Detroit, Michigan. Inhalation Toxicology, 2010, 22, 522-533.	1.6	11
32	Characterization of Urban Atmospheres during Inhalation Exposure Studies in Detroit and Grand Rapids, Michigan. Toxicologic Pathology, 2007, 35, 15-22.	1.8	9
33	Innate Lymphoid Cellâ€"Dependent Airway Epithelial and Inflammatory Responses to Inhaled Ozone: A New Paradigm in Pathogenesis. Toxicologic Pathology, 2019, 47, 993-1003.	1.8	8
34	Livestock farm particulate matter enhances airway inflammation in mice with or without allergic airway disease. World Allergy Organization Journal, 2020, 13, 100114.	3.5	8
35	Effects of Ozone and Endotoxin Coexposure on Rat Airway Epithelium: Potentiation of Toxicant-Induced Alterations. Environmental Health Perspectives, 2001, 109, 591.	6.0	4
36	Combined adjuvant effects of ambient vapor-phase organic components and particulate matter potently promote allergic sensitization and Th2-skewing cytokine and chemokine milieux in mice: The importance of mechanistic multi-pollutant research. Toxicology Letters, 2022, 356, 21-32.	0.8	4

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37	Two Faces of Vitamin E in the Lung. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 841-842.	5.6	2
38	Influx, Persistence, and Recall of Eosinophils and GATA-3+ Innate Lymphoid Cells in the Nasal Mucosa of Mice Exposed and Reexposed to the Gaseous Air Pollutant Ozone. Toxicologic Pathology, 2020, 48, 323-337.	1.8	0
39	Pathogenesis and Persistence of Increased Epithelial Mucosubstances in the Nasal Airways of Rats and Mice Episodically Exposed to Ethylene. Toxicologic Pathology, 2020, 48, 875-886.	1.8	0
40	Airborne particulate matter from goat farm increases acute allergic airway responses in mice. Inhalation Toxicology, 2020, 32, 265-277.	1.6	0
41	Effects of proteasome inhibition by a novel imidazoline on ovalbuminâ€induced airway inflammation and hyperresponsiveness. FASEB Journal, 2012, 26, 669.7.	0.5	0