

R Clark Lantz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

2,754
citations

30
h-index

51
g-index

78
ext. papers

2,968
ext. citations

3.9
avg, IF

4.52
L-index

#	Paper	IF	Citations
74	The effect of extracts from ginger rhizome on inflammatory mediator production. <i>Phytomedicine</i> , 2007 , 14, 123-8	6.5	194
73	Fresh organically grown ginger (<i>Zingiber officinale</i>): composition and effects on LPS-induced PGE2 production. <i>Phytochemistry</i> , 2004 , 65, 1937-54	4	186
72	Commercially processed dry ginger (<i>Zingiber officinale</i>): composition and effects on LPS-stimulated PGE2 production. <i>Phytochemistry</i> , 2005 , 66, 1614-35	4	167
71	The effect of turmeric extracts on inflammatory mediator production. <i>Phytomedicine</i> , 2005 , 12, 445-52	6.5	164
70	Turmeric extracts containing curcuminoids prevent experimental rheumatoid arthritis. <i>Journal of Natural Products</i> , 2006 , 69, 351-5	4.9	155
69	Role of oxidative stress in arsenic-induced toxicity. <i>Drug Metabolism Reviews</i> , 2006 , 38, 791-804	7	99
68	Efficacy and mechanism of action of turmeric supplements in the treatment of experimental arthritis. <i>Arthritis and Rheumatism</i> , 2006 , 54, 3452-64		96
67	Adverse respiratory effects following overhaul in firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2001 , 43, 467-73	2	86
66	Tanshinone I activates the Nrf2-dependent antioxidant response and protects against As(III)-induced lung inflammation in vitro and in vivo. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1647-61	8.4	76
65	Arsenic toxicology: translating between experimental models and human pathology. <i>Environmental Health Perspectives</i> , 2011 , 119, 1356-63	8.4	75
64	Functional units in rainbow trout (<i>Salmo gairdneri</i> , Richardson) liver: III. Morphometric analysis of parenchyma, stroma, and component cell types. <i>American Journal of Anatomy</i> , 1989 , 185, 58-73		75
63	Uranyl acetate induces hprt mutations and uranium-DNA adducts in Chinese hamster ovary EM9 cells. <i>Mutagenesis</i> , 2005 , 20, 417-23	2.8	74
62	Rapid reduction of intracellular glutathione in human bronchial epithelial cells exposed to occupational levels of toluene diisocyanate. <i>Toxicological Sciences</i> , 2001 , 60, 348-55	4.4	70
61	Functional units in rainbow trout (<i>Salmo gairdneri</i> , Richardson) liver: II. The biliary system. <i>The Anatomical Record</i> , 1988 , 221, 619-34		69
60	Inhalation exposure to JP-8 jet fuel alters pulmonary function and substance P levels in Fischer 344 rats. <i>Journal of Applied Toxicology</i> , 1995 , 15, 249-56	4.1	65
59	Role of Nrf2 and Autophagy in Acute Lung Injury. <i>Current Pharmacology Reports</i> , 2016 , 2, 91-101	5.5	63
58	In utero and postnatal exposure to arsenic alters pulmonary structure and function. <i>Toxicology and Applied Pharmacology</i> , 2009 , 235, 105-13	4.6	56

57	Pulmonary biomarkers based on alterations in protein expression after exposure to arsenic. <i>Environmental Health Perspectives</i> , 2007 , 115, 586-91	8.4	54
56	Arsenic and cigarette smoke synergistically increase DNA oxidation in the lung. <i>Toxicologic Pathology</i> , 2006 , 34, 396-404	2.1	53
55	In utero and early childhood exposure to arsenic decreases lung function in children. <i>Journal of Applied Toxicology</i> , 2015 , 35, 358-66	4.1	48
54	Sulforaphane prevents pulmonary damage in response to inhaled arsenic by activating the Nrf2-defense response. <i>Toxicology and Applied Pharmacology</i> , 2012 , 265, 292-9	4.6	48
53	Arsenic upregulates MMP-9 and inhibits wound repair in human airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 295, L293-302	5.8	46
52	Short-term pulmonary response to inhaled JP-8 jet fuel aerosol in mice. <i>Toxicologic Pathology</i> , 2000 , 28, 656-63	2.1	41
51	Lung inflammation biomarkers and lung function in children chronically exposed to arsenic. <i>Toxicology and Applied Pharmacology</i> , 2015 , 287, 161-167	4.6	39
50	Effects of acid-stress on epidermal mucous cells of the brown bullhead <i>Ictalurus nebulosus</i> (LeSeur): a morphometric study. <i>The Anatomical Record</i> , 1981 , 200, 33-9		38
49	Neutral endopeptidase (NEP) and its role in pathological pulmonary change with inhalation exposure to JP-8 jet fuel. <i>Toxicology and Industrial Health</i> , 1996 , 12, 93-103	1.8	36
48	Mediators of pulmonary injury induced by inhalation of bacterial endotoxin. <i>The American Review of Respiratory Disease</i> , 1988 , 137, 100-5		36
47	Arsenic alters ATP-dependent Ca ²⁺ signaling in human airway epithelial cell wound response. <i>Toxicological Sciences</i> , 2011 , 121, 191-206	4.4	35
46	Arsenic-induced decreases in the vascular matrix. <i>Toxicologic Pathology</i> , 2008 , 36, 805-17	2.1	33
45	Environmental arsenic exposure and sputum metalloproteinase concentrations. <i>Environmental Research</i> , 2006 , 102, 283-90	7.9	32
44	Arsenic compromises conducting airway epithelial barrier properties in primary mouse and immortalized human cell cultures. <i>PLoS ONE</i> , 2013 , 8, e82970	3.7	25
43	Environmental Arsenic Exposure and Urinary 8-OHdG in Arizona and Sonora. <i>Clinical Toxicology</i> , 2007 , 45, 490-8	2.9	25
42	Rapid decline in sputum IL-10 concentration following occupational smoke exposure. <i>Inhalation Toxicology</i> , 2002 , 14, 133-40	2.7	23
41	Chronic arsenic exposure in nanomolar concentrations compromises wound response and intercellular signaling in airway epithelial cells. <i>Toxicological Sciences</i> , 2013 , 132, 222-34	4.4	20
40	Correlation between in vivo and in vitro pulmonary responses to jet propulsion fuel-8 using precision-cut lung slices and a dynamic organ culture system. <i>Toxicologic Pathology</i> , 2003 , 31, 200-7	2.1	17

39	Substance P and neutral endopeptidase in development of acute respiratory distress syndrome following fire smoke inhalation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 287, L859-66	5.8	17
38	Early alterations of lung injury following acute smoke exposure and 21-aminosteroid treatment. <i>Toxicologic Pathology</i> , 1999 , 27, 334-41	2.1	17
37	Longitudinal decline in lung function: evaluation of interleukin-10 genetic polymorphisms in firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2004 , 46, 1013-22	2	16
36	Association of Children's Urinary CC16 Levels with Arsenic Concentrations in Multiple Environmental Media. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	16
35	Modulation of Kupffer cell and peripheral blood monocyte activity by in vivo treatment of rats with all-trans-retinol. <i>Liver</i> , 1997 , 17, 157-65		15
34	Vinyl acetate decreases intracellular pH in rat nasal epithelial cells. <i>Toxicological Sciences</i> , 2003 , 75, 423-31	4.14	15
33	Enhanced activity of human IL-10 after nitration in reducing human IL-1 production by stimulated peripheral blood mononuclear cells. <i>Journal of Immunology</i> , 2002 , 169, 4568-71	5.3	14
32	In vivo comparison of epithelial responses for S-8 versus JP-8 jet fuels below permissible exposure limit. <i>Toxicology</i> , 2008 , 254, 106-11	4.4	13
31	Effect of acid mine water on Escherichia coli: Structural Damage. <i>Current Microbiology</i> , 1986 , 14, 1-5	2.4	13
30	Chronic early childhood exposure to arsenic is associated with a TNF-mediated proteomic signaling response. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 52, 183-187	5.8	12
29	Functional alterations of alveolar macrophages subjected to smoke exposure and antioxidant lazaroids. <i>Toxicology and Industrial Health</i> , 1999 , 15, 464-9	1.8	12
28	Aerosolized lipopolysaccharide increases pulmonary clearance of 99mTc-DTPA in rabbits. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 1462-8		12
27	Oxidative weathering decreases bioaccessibility of toxic metal(loid)s in PM emissions from sulfide mine tailings. <i>GeoHealth</i> , 2018 , 2, 118-138	5	11
26	A reevaluation of the threshold exposure level of inhaled JP-8 in mice. <i>Journal of Toxicological Sciences</i> , 2006 , 31, 219-28	1.9	11
25	The role of platelet-activating factor in the pulmonary response to inhaled bacterial endotoxin. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 167-72		11
24	Environmental arsenic exposure, selenium and sputum alpha-1 antitrypsin. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 150-5	6.7	10
23	Association between polymorphisms in arsenic metabolism genes and urinary arsenic methylation profiles in girls and boys chronically exposed to arsenic. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 516-25	3.2	10
22	Pulmonary evaluation of permissible exposure limit of syntroleum S-8 synthetic jet fuel in mice. <i>Toxicological Sciences</i> , 2009 , 109, 312-20	4.4	9

21	Skin mucous cell response to acid stress in male and female brown bullhead catfish, <i>Ictalurus nebulosus</i> (Lesueur). <i>Aquatic Toxicology</i> , 1986 , 8, 139-148	5.1	9
20	Early life inhalation exposure to mine tailings dust affects lung development. <i>Toxicology and Applied Pharmacology</i> , 2019 , 365, 124-132	4.6	9
19	Inflammatory responses in mice sequentially exposed to JP-8 jet fuel and influenza virus. <i>Toxicology</i> , 2004 , 197, 139-47	4.4	8
18	Uranyl acetate induced DNA single strand breaks and AP sites in Chinese hamster ovary cells. <i>Toxicology and Applied Pharmacology</i> , 2018 , 349, 29-38	4.6	7
17	Effects of Caffeoylquinic Acid Derivatives and C-Flavonoid from <i>Lychnophora ericoides</i> on in vitro Inflammatory Mediator Production. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	7
16	The prophylactic effects of U75412E pretreatment in a smoke-induced lung injury rabbit model. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1996 , 79, 231-7		7
15	The role of calcium ions in the suppression of the photoresponse during anoxia and application of metabolic inhibitors. <i>Vision Research</i> , 1979 , 19, 251-4	2.1	7
14	Role of neprilysin in airway inflammation induced by diesel exhaust emissions. <i>Research Report (health Effects Institute)</i> , 2011 , 3-40	0.9	6
13	Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2020 , 394, 114959	4.6	5
12	Assessment of YAP gene polymorphisms and arsenic interaction in Mexican women with breast cancer. <i>Journal of Applied Toxicology</i> , 2020 , 40, 342-351	4.1	4
11	Inflammation biomarkers associated with arsenic exposure by drinking water and respiratory outcomes in indigenous children from three Yaqui villages in southern Sonora, Mexico. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 34355-34366	5.1	4
10	An integrated health risk assessment of indigenous children exposed to arsenic in Sonora, Mexico. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019 , 25, 706-721	4.9	3
9	In Vitro Pro-inflammatory Regulatory role of Substance P in Alveolar Macrophages and Type II Pneumocytes after JP-8 Exposure. <i>Journal of Immunotoxicology</i> , 2007 , 4, 61-7	3.1	2
8	Tissue-specific patterns of neurokinin-1 receptor (NK-1R) gene expression in mice exposed to sidestream cigarette smoke. <i>Toxicology and Industrial Health</i> , 2002 , 18, 435-44	1.8	1
7	Nedocromil sodium inhibits canine adenovirus bronchiolitis in beagle puppies. <i>Toxicologic Pathology</i> , 2000 , 28, 317-25	2.1	1
6	Effects of respiratory viruses on pulmonary alveolar macrophages. <i>Pediatric Pulmonology</i> , 1992 , 12, 105-113	3.3	1
5	Lung developmental is altered after inhalation exposure to various concentrations of calcium arsenate. <i>Toxicology and Applied Pharmacology</i> , 2021 , 432, 115754	4.6	1
4	Lung Cancer and Other Pulmonary Diseases		137-162 1

- 3 Nedocromil preserves neuropeptides in neurons associated with airway smooth muscle and reduces adenovirus-induced airway hyperreactivity. *Regulatory Peptides*, **1993**, 46, 211-3
- 2 METHYLATION STATUS OF NEUTRAL ENDOPEPTIDASE GENES DOWN-REGULATED BY DIESEL EXHAUST PARTICULATES IN HUMAN AIRWAY EPITHELIUM. *FASEB Journal*, **2008**, 22, 897.4 0.9
- 1 Dietary Arsenic and Gut Microbiome Analysis. *FASEB Journal*, **2018**, 32, 548.3 0.9