R Clark Lantz

List of Publications by Year
in descending order

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74 papers	3,236 citations	159358 30 h-index	155451 55 g-index
78 all docs	78 docs citations	78 times ranked	3925 citing authors

#	Article	IF	Citations
1	The effect of extracts from ginger rhizome on inflammatory mediator production. Phytomedicine, 2007, 14, 123-128.	2.3	239
2	Fresh organically grown ginger (Zingiber officinale): composition and effects on LPS-induced PGE2 production. Phytochemistry, 2004, 65, 1937-1954.	1.4	230
3	Commercially processed dry ginger (Zingiber officinale): Composition and effects on LPS-stimulated PGE2 production. Phytochemistry, 2005, 66, 1614-1635.	1.4	199
4	The effect of turmeric extracts on inflammatory mediator production. Phytomedicine, 2005, 12, 445-452.	2.3	194
5	Turmeric Extracts Containing Curcuminoids Prevent Experimental Rheumatoid Arthritis#. Journal of Natural Products, 2006, 69, 351-355.	1.5	177
6	Efficacy and mechanism of action of turmeric supplements in the treatment of experimental arthritis. Arthritis and Rheumatism, 2006, 54, 3452-3464.	6.7	119
7	Role of Oxidative Stress in Arsenic-Induced Toxicity. Drug Metabolism Reviews, 2006, 38, 791-804.	1.5	105
8	Adverse Respiratory Effects Following Overhaul in Firefighters. Journal of Occupational and Environmental Medicine, 2001, 43, 467-473.	0.9	104
9	Arsenic Toxicology: Translating between Experimental Models and Human Pathology. Environmental Health Perspectives, 2011, 119, 1356-1363.	2.8	98
10	Tanshinone I Activates the Nrf2-Dependent Antioxidant Response and Protects Against As(III)-Induced Lung Inflammation In Vitro and In Vivo. Antioxidants and Redox Signaling, 2013, 19, 1647-1661.	2.5	89
11	Functional units in rainbow trout (Salmo gairdneri, Richardson) liver: III. Morphometric analysis of parenchyma, stroma, and component cell types. American Journal of Anatomy, 1989, 185, 58-73.	0.9	82
12	Uranyl acetate induces hprt mutations and uraniumâ€“DNA adducts in Chinese hamster ovary EM9 cells. Mutagenesis, 2005, 20, 417-423.	1.0	81
13	Rapid Reduction of Intracellular Glutathione in Human Bronchial Epithelial Cells Exposed to Occupational Levels of Toluene Diisocyanate. Toxicological Sciences, 2001, 60, 348-355.	1.4	78
14	Role of Nrf2 and Autophagy in Acute Lung Injury. Current Pharmacology Reports, 2016, 2, 91-101.	1.5	77
15	Functional units in rainbow trout (Salmo gairdneri, Richardson) liver: II. The biliary system. The Anatomical Record, 1988, 221, 619-634.	2.3	76
16	Inhalation exposure to jp-8 jet fuel alters pulmonary function and substance p levels in fischer 344 rats. Journal of Applied Toxicology, 1995, 15, 249-256.	1.4	69
17	In utero and postnatal exposure to arsenic alters pulmonary structure and function. Toxicology and Applied Pharmacology, 2009, 235, 105-113.	1.3	64
18	Arsenic and Cigarette Smoke Synergistically Increase DNA Oxidation in the Lung. Toxicologic Pathology, 2006, 34, 396-404.	0.9	58

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19	Pulmonary Biomarkers Based on Alterations in Protein Expression after Exposure to Arsenic. Environmental Health Perspectives, 2007, 115, 586-591.	2.8	58
20	Sulforaphane prevents pulmonary damage in response to inhaled arsenic by activating the Nrf2-defense response. Toxicology and Applied Pharmacology, 2012, 265, 292-299.	1.3	58
21	In utero and early childhood exposure to arsenic decreases lung function in children. Journal of Applied Toxicology, 2015, 35, 358-366.	1.4	56
22	Arsenic upregulates MMP-9 and inhibits wound repair in human airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L293-L302.	1.3	53
23	Short-Term Pulmonary Response to Inhaled JP-8 Jet Fuel Aerosol in Mice. Toxicologic Pathology, 2000, 28, 656-663.	0.9	46
24	Lung inflammation biomarkers and lung function in children chronically exposed to arsenic. Toxicology and Applied Pharmacology, 2015, 287, 161-167.	1.3	45
25	Effects of acid-stress on epidermal mucous cells of the brown bullheadIctalurus nebulosus (LeSeur): A morphometric study. The Anatomical Record, 1981, 200, 33-39.	2.3	43
26	Neutral Endopeptidase (NEP) and Its Role in Pathological Pulmonary Change With Inhalation Exposure To JP-8 Jet Fuel. Toxicology and Industrial Health, 1996, 12, 93-103.	0.6	40
27	Arsenic-Induced Decreases in the Vascular Matrix. Toxicologic Pathology, 2008, 36, 805-817.	0.9	38
28	Mediators of Pulmonary Injury Induced by Inhalation of Bacterial Endotoxin. The American Review of Respiratory Disease, 1988, 137, 100-105.	2.9	37
29	Arsenic Alters ATP-Dependent Ca2+ Signaling in Human Airway Epithelial Cell Wound Response. Toxicological Sciences, 2011, 121, 191-206.	1.4	36
30	Environmental arsenic exposure and sputum metalloproteinase concentrations. Environmental Research, 2006, 102, 283-290.	3.7	34
31	Environmental Arsenic Exposure and Urinary 8-OHdG in Arizona and Sonora. Clinical Toxicology, 2007, 45, 490-498.	0.8	29
32	Arsenic Compromises Conducting Airway Epithelial Barrier Properties in Primary Mouse and Immortalized Human Cell Cultures. PLoS ONE, 2013, 8, e82970.	1.1	26
33	RAPID DECLINE IN SPUTUM IL-10 CONCENTRATION FOLLOWING OCCUPATIONAL SMOKE EXPOSURE. Inhalation Toxicology, 2002, 14, 133-140.	0.8	25
34	Chronic Arsenic Exposure in Nanomolar Concentrations Compromises Wound Response and Intercellular Signaling in Airway Epithelial Cells. Toxicological Sciences, 2013, 132, 222-234.	1.4	23
35	Longitudinal Decline in Lung Function: Evaluation of Interleukin-10 Genetic Polymorphisms in Firefighters. Journal of Occupational and Environmental Medicine, 2004, 46, 1013-1022.	0.9	22
36	Substance P and neutral endopeptidase in development of acute respiratory distress syndrome following fire smoke inhalation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L859-L866.	1.3	21

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37	Association of Childrenâ€™s Urinary CC16 Levels with Arsenic Concentrations in Multiple Environmental Media. International Journal of Environmental Research and Public Health, 2016, 13, 521.	1.2	21
38	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. Toxicologic Pathology, 2003, 31, 200-207.	0.9	19
39	Oxidative Weathering Decreases Bioaccessibility of Toxic Metal(loid)s in PM₁₀ Emissions From Sulfide Mine Tailings. GeoHealth, 2018, 2, 118-138.	1.9	19
40	Early Alterations of Lung Injury Following Acute Smoke Exposure and 21-Aminosteroid Treatment. Toxicologic Pathology, 1999, 27, 334-341.	0.9	18
41	Modulation of Kupffer cell and peripheral blood monocyte activity by in vivo treatment of rats with allâ€‹transâ€‹retinol. Liver, 1997, 17, 157-165.	0.1	18
42	Effects of Caffeoylquinic Acid Derivatives and C-Flavonoid from Lychnophora ericoides on in vitro Inflammatory Mediator Production. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	17
43	Vinyl Acetate Decreases Intracellular pH in Rat Nasal Epithelial Cells. Toxicological Sciences, 2003, 75, 423-431.	1.4	16
44	In vivo comparison of epithelial responses for S-8 versus JP-8 jet fuels below permissible exposure limit. Toxicology, 2008, 254, 106-111.	2.0	16
45	Effect of acid mine water onEscherichia coli: Structural Damage. Current Microbiology, 1986, 14, 1-5.	1.0	15
46	Enhanced Activity of Human IL-10 After Nitration in Reducing Human IL-1 Production by Stimulated Peripheral Blood Mononuclear Cells. Journal of Immunology, 2002, 169, 4568-4571.	0.4	15
47	Chronic early childhood exposure to arsenic is associated with a TNF-mediated proteomic signaling response. Environmental Toxicology and Pharmacology, 2017, 52, 183-187.	2.0	15
48	Aerosolized Lipopolysaccharide Increases Pulmonary Clearance of99mTc-DTPA in Rabbits. The American Review of Respiratory Disease, 1992, 146, 1462-1468.	2.9	13
49	Early life inhalation exposure to mine tailings dust affects lung development. Toxicology and Applied Pharmacology, 2019, 365, 124-132.	1.3	13
50	Skin mucous cell response to acid stress in male and female brown bullhead catfish, Ictalurus nebulosus (Lesueur). Aquatic Toxicology, 1986, 8, 139-148.	1.9	12
51	Functional alterations of alveolar macrophages subjected to smoke exposure and antioxidant lazaroids. Toxicology and Industrial Health, 1999, 15, 464-469.	0.6	12
52	A REEVALUATION OF THE THRESHOLD EXPOSURE LEVEL OF INHALED JP-8 IN MICE. Journal of Toxicological Sciences, 2006, 31, 219-228.	0.7	12
53	Inflammation biomarkers associated with arsenic exposure by drinking water and respiratory outcomes in indigenous children from three Yaqui villages in southern Sonora, MÃ©xico. Environmental Science and Pollution Research, 2021, 28, 34355-34366.	2.7	12
54	The Role of Platelet-Activating Factor in the Pulmonary Response to Inhaled Bacterial Endotoxin. The American Review of Respiratory Disease, 1991, 144, 167-172.	2.9	11

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55	Inflammatory responses in mice sequentially exposed to JP-8 jet fuel and influenza virus. Toxicology, 2004, 197, 138-146.	2.0	10
56	Pulmonary Evaluation of Permissible Exposure Limit of Syntroleum S-8 Synthetic Jet Fuel in Mice. Toxicological Sciences, 2009, 109, 312-320.	1.4	10
57	Environmental arsenic exposure, selenium and sputum alpha-1 antitrypsin. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 150-155.	1.8	10
58	Association between polymorphisms in arsenic metabolism genes and urinary arsenic methylation profiles in girls and boys chronically exposed to arsenic. Environmental and Molecular Mutagenesis, 2016, 57, 516-525.	0.9	10
59	Uranyl acetate induced DNA single strand breaks and AP sites in Chinese hamster ovary cells. Toxicology and Applied Pharmacology, 2018, 349, 29-38.	1.3	10
60	The role of calcium ions in the suppression of the photoresponse during anoxia and application of metabolic inhibitors. Vision Research, 1979, 19, 251-254.	0.7	8
61	Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway. Toxicology and Applied Pharmacology, 2020, 394, 114959.	1.3	8
62	The Prophylactic Effects of U75412E Pretreatment in a Smokeâ€Induced Lung Injury Rabbit Model. Basic and Clinical Pharmacology and Toxicology, 1996, 79, 231-237.	0.0	7
63	Assessment of YAP gene polymorphisms and arsenic interaction in Mexican women with breast cancer. Journal of Applied Toxicology, 2020, 40, 342-351.	1.4	6
64	Role of neprilysin in airway inflammation induced by diesel exhaust emissions. Research Report (health) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	6
65	Effects of respiratory viruses on pulmonary alveolar macrophages. Pediatric Pulmonology, 1992, 12, 105-112.	1.0	4
66	An integrated health risk assessment of indigenous children exposed to arsenic in Sonora, Mexico. Human and Ecological Risk Assessment (HERA), 2019, 25, 706-721.	1.7	4
67	Lung developmental is altered after inhalation exposure to various concentrations of calcium arsenate. Toxicology and Applied Pharmacology, 2021, 432, 115754.	1.3	3
68	In VitroPro-inflammatory Regulatory role of Substance P in Alveolar Macrophages and Type II Pneumocytes after JP-8 Exposure. Journal of Immunotoxicology, 2007, 4, 61-67.	0.9	2
69	Nedocromil Sodium Inhibits Canine Adenovirus Bronchiolitis in Beagle Puppies. Toxicologic Pathology, 2000, 28, 317-325.	0.9	1
70	Tissue-specific patterns of neurokinin-1 receptor (NK-1R) gene expression in mice exposed to sidestream cigarette smoke. Toxicology and Industrial Health, 2002, 18, 435-444.	0.6	1
71	Nedocromil preserves neuropeptides in neurons associated with airway smooth muscle and reduces adenovirus-induced airway hyperreactivity. Regulatory Peptides, 1993, 46, 211-213.	1.9	0
72	Response to GarcÃa-Nieto et al. Comments on Beamer et al. Association of Childrenâ€™s Urinary CC16 Levels with Arsenic Concentrations in Multiple Environmental Media. Int. J. Environ. Res. Public Health 2016, 13, 521.. International Journal of Environmental Research and Public Health, 2016, 13, 978.	1.2	0

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73	METHYLATION STATUS OF NEUTRAL ENDOPEPTIDASE GENES DOWNâ€REGULATED BY DIESEL EXHAUST PARTICULATES IN HUMAN AIRWAY EPITHELIUM. FASEB Journal, 2008, 22, 897.4.	0.2	0
74	Dietary Arsenic and Gut Microbiome Analysis. FASEB Journal, 2018, 32, 548.3.	0.2	0