Laura S Van Winkle

List of Publications by Year
in descending order

59 papers	2,004 citations	257101 24 h-index	253896 43 g-index
60 all docs	60 docs citations	60 times ranked	2402 citing authors

#	Article	IF	Citations
1	The aryl hydrocarbon receptor as a target of environmental stressors â€“ Implications for pollution mediated stress and inflammatory responses. Redox Biology, 2020, 34, 101530.	3.9	198
2	The Attenuated Fibroblast Sheath of the Respiratory Tract Epithelialâ€“Mesenchymal Trophic Unit. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 655-657.	1.4	159
3	Outdoor Air Pollution and New-Onset Airway Disease. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2020, 17, 387-398.	1.5	120
4	Allergic Asthma Induced in Rhesus Monkeys by House Dust Mite (Dermatophagoides farinae). American Journal of Pathology, 2001, 158, 333-341.	1.9	105
5	Repeated episodes of ozone inhalation amplifies the effects of allergen sensitization and inhalation on airway immune and structural development in Rhesus monkeys. Toxicology and Applied Pharmacology, 2003, 191, 74-85.	1.3	95
6	Cyclic exposure to ozone alters distal airway development in infant rhesus monkeys. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L644-L650.	1.3	91
7	Early Events in Naphthalene-Induced Acute Clara Cell Toxicity. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 44-53.	1.4	88
8	Influence of Particle Size on Persistence and Clearance of Aerosolized Silver Nanoparticles in the Rat Lung. Toxicological Sciences, 2015, 144, 366-381.	1.4	83
9	Generation and Characterization of aCyp2f2-Null Mouse and Studies on the Role of CYP2F2 in Naphthalene-Induced Toxicity in the Lung and Nasal Olfactory Mucosa. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 62-71.	1.3	75
10	Gender differences in naphthalene metabolism and naphthalene-induced acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L1122-L1134.	1.3	72
11	Mouse Strain Modulates the Role of the Ciliated Cell in Acute Tracheobronchial Airway Injury-Distal Airways. American Journal of Pathology, 2002, 160, 315-327.	1.9	67
12	Early Events in Naphthalene-Induced Acute Clara Cell Toxicity. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 272-281.	1.4	61
13	Combustion-derived flame generated ultrafine soot generates reactive oxygen species and activates Nrf2 antioxidants differently in neonatal and adult rat lungs. Particle and Fibre Toxicology, 2013, 10, 34.	2.8	54
14	Biological Dose Response to PM2.5: Effect of Particle Extraction Method on Platelet and Lung Responses. Toxicological Sciences, 2015, 143, 349-359.	1.4	53
15	Pulmonary Effects of Silver Nanoparticle Size, Coating, and Dose over Time upon Intratracheal Instillation. Toxicological Sciences, 2015, 144, 151-162.	1.4	51
16	Persistence of silver nanoparticles in the rat lung: Influence of dose, size, and chemical composition. Nanotoxicology, 2015, 9, 591-602.	1.6	48
17	Fibroblast growth factor-2 during postnatal development of the tracheal basement membrane zone. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L1263-L1270.	1.3	34
18	Small particles disrupt postnatal airway development. Journal of Applied Physiology, 2010, 109, 1115-1124.	1.2	31

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19	Susceptibility to Inhaled Flame-Generated Ultrafine Soot in Neonatal and Adult Rat Lungs. Toxicological Sciences, 2011, 124, 472-486.	1.4	31
20	Ozone Exposure Alters Serotonin and Serotonin Receptor Expression in the Developing Lung. Toxicological Sciences, 2013, 134, 168-179.	1.4	30
21	Epithelial cell distribution and abundance in rhesus monkey airways during postnatal lung growth and development. Journal of Applied Physiology, 2004, 97, 2355-2363.	1.2	29
22	Fetal Exposure of Rhesus Macaques to Bisphenol A Alters Cellular Development of the Conducting Airway by Changing Epithelial Secretory Product Expression. Environmental Health Perspectives, 2013, 121, 912-918.	2.8	29
23	Three-Dimensional Organization of the Lamina Reticularis in the Rat Tracheal Basement Membrane Zone. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 393-397.	1.4	27
24	Human CYP2A13 and CYP2F1 Mediate Naphthalene Toxicity in the Lung and Nasal Mucosa of CYP2A13/2F1-Humanized Mice. Environmental Health Perspectives, 2017, 125, 067004.	2.8	25
25	Distribution of Clara cell secretory protein expression in the tracheobronchial airways of rhesus monkeys. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1155-L1162.	1.3	24
26	Metabolism and Lung Toxicity of Inhaled Naphthalene: Effects of Postnatal Age and Sex. Toxicological Sciences, 2019, 170, 536-548.	1.4	22
27	Consequences of Abrupt Glutathione Depletion in Murine Clara Cells: Ultrastructural and Biochemical Investigations into the Role of Glutathione Loss in Naphthalene Cytotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 506-513.	1.3	21
28	Airway Trefoil Factor Expression during Naphthalene Injury and Repair. Toxicological Sciences, 2010, 113, 453-467.	1.4	21
29	The clear and persistent impact of air pollution on chronic respiratory diseases: a call for interventions. European Respiratory Journal, 2021, 57, 2002981.	3.1	21
30	Single-Cell Mechanics Provides an Effective Means To Probe in Vivo Interactions between Alveolar Macrophages and Silver Nanoparticles. Journal of Physical Chemistry B, 2015, 119, 15118-15129.	1.2	18
31	Age-Specific Effects on Rat Lung Glutathione and Antioxidant Enzymes after Inhaling Ultrafine Soot. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 114-124.	1.4	17
32	Combustion derived ultrafine particles induce cytochromeP-450 expression in specific lung compartments in the developing neonatal and adult rat. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L665-L677.	1.3	17
33	Impaired recovery from naphthalene-induced bronchiolar epithelial injury in mice exposed to aged and diluted sidestream cigarette smoke. Toxicology Letters, 2004, 154, 1-9.	0.4	14
34	Age specific responses to acute inhalation of diffusion flame soot particles: Cellular injury and the airway antioxidant response. Inhalation Toxicology, 2010, 22, 70-83.	0.8	14
35	Kinetics of naphthalene metabolism in target and non-target tissues of rodents and in nasal and airway microsomes from the Rhesus monkey. Toxicology and Applied Pharmacology, 2013, 270, 97-105.	1.3	13
36	Postnatal lung development of rhesus monkey airways: Cellular expression of Clara cell secretory protein. Developmental Dynamics, 2009, 238, 3016-3024.	0.8	12

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37	Site-specific Differences in Gene Expression of Secreted Proteins in the Mouse Lung: Comparison of Methods to Show Differences by Location. Journal of Histochemistry and Cytochemistry, 2010, 58, 1107-1119.	1.3	12
38	Disruption of tracheobronchial airway growth following postnatal exposure to ozone and ultrafine particles. Inhalation Toxicology, 2011, 23, 520-531.	0.8	11
39	Ozone-induced airway epithelial cell death, the neurokinin-1 receptor pathway, and the postnatal developing lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L471-L481.	1.3	11
40	Impact of hepatic P450-mediated biotransformation on the disposition and respiratory tract toxicity of inhaled naphthalene. Toxicology and Applied Pharmacology, 2017, 329, 1-8.	1.3	11
41	Naphthalene genotoxicity: DNA adducts in primate and mouse airway explants. Toxicology Letters, 2019, 305, 103-109.	0.4	11
42	Novel multi-functional europium-doped gadolinium oxide nanoparticle aerosols facilitate the study of deposition in the developing rat lung. Nanoscale, 2016, 8, 11518-11530.	2.8	9
43	Airway Mast Cells in a Rhesus Model of Childhood Allergic Airways Disease. Toxicological Sciences, 2010, 116, 313-322.	1.4	8
44	Prenatal Bisphenol A Exposure Alters Epithelial Cell Composition in the Rhesus Macaque Fetal Oviduct. Toxicological Sciences, 2019, 167, 450-457.	1.4	8
45	Preparation of Specific Compartments of the Lungs for Pathologic and Biochemical Analysis of Toxicologic Responses. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2017, 71, 24.5.1-24.5.26.	1.1	7
46	Transcorneal delivery of topically applied silver nanoparticles does not delay epithelial wound healing. NanoImpact, 2021, 24, 100352.	2.4	7
47	Alterations in the proteome of the respiratory tract in response to single and multiple exposures to naphthalene. Proteomics, 2015, 15, 2655-2668.	1.3	6
48	Naphthalene DNA adduct formation and tolerance in the lung. Nuclear Instruments & Methods in Physics Research B, 2019, 438, 119-123.	0.6	6
49	Toxicokinetic Interaction between Hepatic Disposition and Pulmonary Bioactivation of Inhaled Naphthalene Studied Using Cyp2abfgs-Null and CYP2A13/2F1-Humanized Mice with Deficient Hepatic Cytochrome P450 Activity. Drug Metabolism and Disposition, 2019, 47, 1469-1478.	1.7	6
50	Contribution of Pulmonary CYP-mediated Bioactivation of Naphthalene to Airway Epithelial Injury in the Lung. Toxicological Sciences, 2020, 177, 334-346.	1.4	6
51	Metabolomics of Lung Microdissections Reveals Region- and Sex-Specific Metabolic Effects of Acute Naphthalene Exposure in Mice. Toxicological Sciences, 2021, 184, 214-222.	1.4	6
52	Comparison of acute respiratory epithelial toxicity for 4-Methylimidazole and naphthalene administered by oral gavage in B6C3F1 mice. Regulatory Toxicology and Pharmacology, 2020, 116, 104761.	1.3	3
53	Cytotoxicity of 2D engineered nanomaterials in pulmonary and corneal epithelium. NanoImpact, 2022, 26, 100404.	2.4	3
54	Inhalation of Silver Silicate Nanoparticles Leads to Transient and Differential Microglial Activation in the Rodent Olfactory Bulb. Toxicologic Pathology, 0, , 019262332211076.	0.9	2

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55	Role of Lung P450 Oxidoreductase in Paraquat-Induced Collagen Deposition in the Lung. Antioxidants, 2022, 11, 219.	2.2	1
56	Mechanisms of Pulmonary Tolerance in Female Mice to the Cytotoxicant Naphthalene. FASEB Journal, 2008, 22, 918.4.	0.2	0
57	Importance of microsomal epoxide hydrolase (mEH) in toxicity, metabolism and formation of covalent protein adducts from the volatile air pollutant, naphthalene (NA): Comparison of mEH null and wild type (WT) mice. FASEB Journal, 2008, 22, 479.20.	0.2	0
58	Hormonal Influences on Airway Biology and Naphthaleneâ€•Mediated Clara Cell Injury. FASEB Journal, 2008, 22, 764.4.	0.2	0
59	Application of in vitro methods for studying oxidant stress in lung epithelium of multiple species. FASEB Journal, 2010, 24, 1001.19.	0.2	0