

Richard A Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,950
citations

430754

18
h-index

434063

31
g-index

35
all docs

35
docs citations

35
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of leptin on allergic airway responses in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 103-109.	1.5	296
2	Ozone exposure in a mouse model induces airway hyperreactivity that requires the presence of natural killer T cells and IL-17. <i>Journal of Experimental Medicine</i> , 2008, 205, 385-393.	4.2	285
3	Obesity and asthma. , 2006, 110, 83-102.		226
4	Allergic Airway Responses in Obese Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 650-658.	2.5	133
5	Increased pulmonary responses to acute ozone exposure in obese db/db mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L856-L865.	1.3	126
6	Diet-induced obesity causes innate airway hyperresponsiveness to methacholine and enhances ozone-induced pulmonary inflammation. <i>Journal of Applied Physiology</i> , 2008, 104, 1727-1735.	1.2	123
7	The A _{2B} adenosine receptor modulates pulmonary hypertension associated with interstitial lung disease. <i>FASEB Journal</i> , 2012, 26, 2546-2557.	0.2	90
8	CXCR2 is essential for maximal neutrophil recruitment and methacholine responsiveness after ozone exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L61-L67.	1.3	85
9	Augmented responses to ozone in obese carboxypeptidase E-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R126-R133.	0.9	77
10	Role of interleukin-6 in murine airway responses to ozone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L390-L397.	1.3	74
11	Deletion of ADORA2B from myeloid cells dampens lung fibrosis and pulmonary hypertension. <i>FASEB Journal</i> , 2015, 29, 50-60.	0.2	66
12	Adenosine A2B Receptor and Hyaluronan Modulate Pulmonary Hypertension Associated with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 1038-1047.	1.4	61
13	Impact of Adiponectin Deficiency on Pulmonary Responses to Acute Ozone Exposure in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 487-497.	1.4	39
14	Pulmonary responses to subacute ozone exposure in obese vs. lean mice. <i>Journal of Applied Physiology</i> , 2009, 107, 1445-1452.	1.2	38
15	Type I Interleukin-1 Receptor Is Required for Pulmonary Responses to Subacute Ozone Exposure in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 477-484.	1.4	36
16	Endogenous osteopontin promotes ozone-induced neutrophil recruitment to the lungs and airway hyperresponsiveness to methacholine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L118-L129.	1.3	22
17	Low-dose administration of bleomycin leads to early alterations in lung mechanics. <i>Experimental Physiology</i> , 2018, 103, 1692-1703.	0.9	22
18	Onset of obesity in carboxypeptidase E-deficient mice and effect on airway responsiveness and pulmonary responses to ozone. <i>Journal of Applied Physiology</i> , 2010, 108, 1812-1819.	1.2	21

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19	Effect of antigen sensitization and challenge on oscillatory mechanics of the lung and pulmonary inflammation in obese carboxypeptidase E-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R621-R633.	0.9	19
20	Pharmacological techniques for the in vitro study of airways. <i>Journal of Pharmacological and Toxicological Methods</i> , 2001, 45, 159-174.	0.3	18
21	Pulmonary responses to acute ozone exposure in fasted mice: effect of leptin administration. <i>Journal of Applied Physiology</i> , 2007, 102, 149-156.	1.2	18
22	Hyperosmolar Solution Effects in Guinea Pig Airways. IV. Lipopolysaccharide-Induced Alterations in Airway Reactivity and Epithelial Bioelectric Responses to Methacholine and Hyperosmolarity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 37-46.	1.3	13
23	Macrophage Inflammatory Protein-2 Levels Are Associated With Changes in Serum Leptin Concentrations Following Ozone-Induced Airway Inflammation. <i>Chest</i> , 2003, 123, 369S-370S.	0.4	11
24	Hyperosmolar Solution Effects in Guinea Pig Airways. I. Mechanical Responses to Relative Changes in Osmolarity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 10-18.	1.3	10
25	Hyperosmolar Solution Effects in Guinea Pig Airways. II. Epithelial Bioelectric Responses to Relative Changes in Osmolarity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 19-29.	1.3	8
26	Resistin deficiency in mice has no effect on pulmonary responses induced by acute ozone exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1174-L1185.	1.3	8
27	Hyperosmolar Solution Effects in Guinea Pig Airways. III. Studies on the Identity of Epithelium-Derived Relaxing Factor in Isolated Perfused Trachea Using Pharmacological Agents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 30-36.	1.3	7
28	Chemokine (C-C Motif) Receptor-Like 2 is not essential for lung injury, lung inflammation, or airway hyperresponsiveness induced by acute exposure to ozone. <i>Physiological Reports</i> , 2017, 5, e13545.	0.7	5
29	Plasminogen activator inhibitor-1 does not contribute to the pulmonary pathology induced by acute exposure to ozone. <i>Physiological Reports</i> , 2016, 4, e12983.	0.7	4
30	Macrophage inflammatory protein-2 levels are associated with changes in serum leptin concentrations following ozone-induced airway inflammation. <i>Chest</i> , 2003, 123, 369S-70S.	0.4	4
31	High-fat Western diet consumption exacerbates silica-induced pulmonary inflammation and fibrosis. <i>Toxicology Reports</i> , 2022, 9, 1045-1053.	1.6	3
32	High-fat western diet-consumption alters crystalline silica-induced serum adipokines, inflammatory cytokines and arterial blood flow in the F344 rat. <i>Toxicology Reports</i> , 2022, 9, 12-21.	1.6	2
33	Obesity and asthma: What have we learned from animal models?. , 2019, , 111-142.		0
34	Filling a hole in ozone research: The impacts of early life microbiome alterations on pulmonary responses to a non-atopic asthma trigger. <i>Physiological Reports</i> , 2020, 8, e14346.	0.7	0
35	Characteristics and Outcomes of Children with Clinical History of Atopic Versus Non-atopic Asthma Admitted to a Tertiary Pediatric Intensive Care Unit. <i>Open Respiratory Medicine Journal</i> , 2018, 12, 21-28.	1.3	0