Jeremy A. Scott

List of Publications by Year in Descending Order

61 papers	2,472 citations	28 h-index	49 g-index
65 ext. papers	2,782 ext. citations	5.5 avg, IF	4.42 L-index

#	Paper	IF	Citations
61	Nitric Oxide and Nitrogen Oxides **2022**, 426-442		
60	What factors shape surgical access in West Africa? A qualitative study exploring patient and provider experiences of managing injuries in Sierra Leone. *BMJ Open*, **2021**, 11, e042402	3	1
59	Arginine Therapy for Lung Diseases. *Frontiers in Pharmacology*, **2021**, 12, 627503	5.6	6
58	Preserving US microbe collections sparks future discoveries. *Journal of Applied Microbiology*, **2020**, 129, 162-174	4.7	5
57	A 4-Week Model of House Dust Mite (HDM) Induced Allergic Airways Inflammation with Airway Remodeling. *Scientific Reports*, **2018**, 8, 6925	4.9	26
56	Asymmetric-Dimethylarginine **2017**, 247-254		1
55	Syk Regulates Neutrophilic Airway Hyper-Responsiveness in a Chronic Mouse Model of Allergic Airways Inflammation. *PLoS ONE*, **2017**, 12, e0163614	3.7	5
54	Impact of maternal intrapartum antibiotics, method of birth and breastfeeding on gut microbiota during the first year of life: a prospective cohort study. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2016**, 123, 983-93	3.7	328
53	Multilocus DNA sequencing of the whiskey fungus reveals a continental-scale speciation pattern. *Persoonia: Molecular Phylogeny and Evolution of Fungi*, **2016**, 37, 13-20	9	5
52	Infant gut immunity: a preliminary study of IgA associations with breastfeeding. *Journal of Developmental Origins of Health and Disease*, **2016**, 7, 68-72	2.4	31
51	Plasma arginine metabolites reflect airway dysfunction in a murine model of allergic airway inflammation. *Journal of Applied Physiology*, **2015**, 118, 1229-33	3.7	5
50	Syk mediates airway contractility independent of leukocyte function. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 429-35	9.3	10
49	Arginase inhibition prevents bleomycin-induced pulmonary hypertension, vascular remodeling, and collagen deposition in neonatal rat lungs. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 308, L503-10	5.8	30
48	Identification and molecular characterization of the phytoplasma associated with a lethal yellowing-type disease of coconut in C□e d□voire. *Canadian Journal of Plant Pathology*, **2014**, 36, 141-150	1.6	19
47	Arginine metabolism in asthma. *Immunology and Allergy Clinics of North America*, **2014**, 34, 767-75	3.3	15
46	LAPCs contribute to the pathogenesis of allergen-induced allergic airway inflammation in mice. *Allergy: European Journal of Allergy and Clinical Immunology*, **2014**, 69, 924-35	9.3	1
45	The combined effects of physicochemical properties of size-fractionated ambient particulate matter on toxicity in human A549 lung epithelial cells. *Toxicology Reports*, **2014**, 1, 145-156	4.8	63

44	Asymmetric dimethylarginine in chronic obstructive pulmonary disease (ADMA in COPD). *International Journal of Molecular Sciences*, **2014**, 15, 6062-71	6.3	29
43	Asymmetric dimethylarginine and asthma. *European Respiratory Journal*, **2014**, 43, 647-8	13.6	10
42	Associations between bacterial communities of house dust and infant gut. *Environmental Research*, **2014**, 131, 25-30	7.9	38
41	Therapeutic potential and mechanisms of action of mesenchymal stromal cells for Acute Respiratory Distress Syndrome. *Current Stem Cell Research and Therapy*, **2014**, 9, 319-29	3.6	23
40	Spleen tyrosine kinase inhibition attenuates airway hyperresponsiveness and pollution-induced enhanced airway response in a chronic mouse model of asthma. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 512-20.e1-10	11.5	26
39	Increased ornithine-derived polyamines cause airway hyperresponsiveness in a mouse model of asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 48, 694-702	5.7	39
38	DNA hypomethylation, ambient particulate matter, and increased blood pressure: findings from controlled human exposure experiments. *Journal of the American Heart Association*, **2013**, 2, e000212	6	151
37	Hypertrophic airway smooth muscle mass correlates with increased airway responsiveness in a murine model of asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 46, 532-40	5.7	23
36	Comparative cardiopulmonary effects of size-fractionated airborne particulate matter. *Inhalation Toxicology*, **2012**, 24, 161-71	2.7	35
35	Physical Characterization of the University of Toronto Coarse, Fine, and Ultrafine High-Volume Particle Concentrator Systems. *Aerosol Science and Technology*, **2012**, 46, 1015-1024	3.4	11
34	Skin and respiratory symptoms among workers with suspected work-related disease. *Occupational Medicine*, **2012**, 62, 420-6	2.1	5
33	Spleen tyrosine kinase mediates BEAS-2B cell migration and proliferation and human rhinovirus-induced expression of vascular endothelial growth factor and interleukin-8. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 340, 277-85	4.7	13
32	Occupational endotoxin exposure and a novel luminol-enhanced chemiluminescence assay of nasal lavage neutrophil activation. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 272-5	11.5	2
31	Augmentation of arginase 1 expression by exposure to air pollution exacerbates the airways hyperresponsiveness in murine models of asthma. *Respiratory Research*, **2011**, 12, 19	7.3	30
30	Asymmetric dimethylarginine contributes to airway nitric oxide deficiency in patients with cystic fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 1363-8	10.2	43
29	Asymmetric dimethylarginine is increased in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 779-85	10.2	73
28	2-aminoimidazole amino acids as inhibitors of the binuclear manganese metalloenzyme human arginase I. *Journal of Medicinal Chemistry*, **2010**, 53, 4266-76	8.3	35
27	In vivo and In vitro Assessment of Particulate Matter Toxicology. *Environmental Science and Engineering*, **2010**, 427-449	0.2	1

26	Cytotoxic and proinflammatory effects of ambient and source-related particulate matter (PM) in relation to the production of reactive oxygen species (ROS) and cytokine adsorption by particles. *Inhalation Toxicology*, **2010**, 22 Suppl 2, 37-47	2.7	105
25	Arginase in Asthma ? Recent Developments in Animal and Human Studies~!2009-11-12~!2010-03-23~!2010-05-04~!. *The Open Nitric Oxide Journal*, **2010**, 2, 20-36		11
24	Functionally important role for arginase 1 in the airway hyperresponsiveness of asthma. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2009**, 296, L911-20	5.8	106
23	Endothelial nitric oxide synthase gene expression during murine embryogenesis: commencement of expression in the embryo occurs with the establishment of a unidirectional circulatory system. *Circulation Research*, **2008**, 103, 24-33	15.7	48
22	Inducible NO synthase (iNOS) in human neutrophils but not pulmonary microvascular endothelial cells (PMVEC) mediates septic protein leak in vitro. *Microvascular Research*, **2007**, 74, 23-31	3.7	25
21	Differential inducible nitric oxide synthase activity in circulating neutrophils vs. mononuclears of septic shock patients. *Intensive Care Medicine*, **2005**, 31, 1132-5	14.5	13
20	Hypoxia induces a functionally significant and translationally efficient neuronal NO synthase mRNA variant. *Journal of Clinical Investigation*, **2005**, 115, 3128-39	15.9	91
19	Determination of keratin degradation by fungi using keratin azure. *Medical Mycology*, **2004**, 42, 239-46	3.9	46
18	Limitations of ischemic tolerance in oxidative skeletal muscle: perfusion vs tissue protection. *Journal of Surgical Research*, **2003**, 109, 62-7	2.5	16
17	The Fgl2/fibroleukin prothrombinase contributes to immunologically mediated thrombosis in experimental and human viral hepatitis. *Journal of Clinical Investigation*, **2003**, 112, 58-66	15.9	134
16	Effects of inhaled nitric oxide in a mouse model of sepsis-induced acute lung injury. *Critical Care Medicine*, **2002**, 30, 868-73	1.4	57
15	Functional inhibition of constitutive nitric oxide synthase in a rat model of sepsis. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 165, 1426-32	10.2	69
14	Does the activation of poly (ADP-ribose) synthetase mediate tissue injury in the sepsis induced by cecal ligation and puncture?. *Shock*, **2001**, 16, 137-42	3.4	17
13	Noninvasive measurement of exhaled nitric oxide in a spontaneously breathing mouse. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 163, 1113-6	10.2	21
12	Relative contribution of hemopoietic and pulmonary parenchymal cells to lung inducible nitric oxide synthase (inos) activity in murine endotoxemia. *Biochemical and Biophysical Research Communications*, **2001**, 283, 694-9	3.4	52
11	Increased L-arginine uptake and inducible nitric oxide synthase activity in aortas of rats with heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 280, H859-67	5.2	25
10	Effects of inhaled nitric oxide in a rat model of Pseudomonas aeruginosa pneumonia. *Critical Care Medicine*, **2000**, 28, 2397-405	1.4	52
9	Nitric oxide produced via neuronal NOS may impair vasodilatation in septic rat skeletal muscle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 278, H1480-9	5.2	52

8	Pulmonary microvascular changes during sepsis: evaluation using intravital videomicroscopy. *Microvascular Research*, **2000**, 60, 131-40	3.7	33
7	Selective in vivo inhibition of inducible nitric oxide synthase in a rat model of sepsis. *Journal of Applied Physiology*, **1999**, 86, 1739-44	3.7	46
6	Contribution of nitric oxide synthases 1, 2, and 3 to airway hyperresponsiveness and inflammation in a murine model of asthma. *Journal of Experimental Medicine*, **1999**, 189, 1621-30	16.6	182
5	Nonadrenergic noncholinergic vasodilation of guinea pig pulmonary arteries is mediated by nitric oxide. *Canadian Journal of Physiology and Pharmacology*, **1999**, 77, 89-95	2.4	14
4	Nonadrenergic noncholinergic vasodilation of guinea pig pulmonary arteries is mediated by nitric oxide. *Canadian Journal of Physiology and Pharmacology*, **1999**, 77, 89-95	2.4	2
3	Osteopontin inhibits inducible nitric oxide synthase activity in rat vascular tissue. *American Journal of Physiology - Heart and Circulatory Physiology*, **1998**, 275, H2258-65	5.2	23
2	Inducible nitric oxide synthase and vascular reactivity in rat thoracic aorta: effect of aminoguanidine. *Journal of Applied Physiology*, **1996**, 80, 271-7	3.7	54
1	Nonadrenergic noncholinergic relaxation of human pulmonary arteries is partially mediated by nitric oxide. *American Journal of Respiratory and Critical Care Medicine*, **1996**, 154, 629-32	10.2	22