

David S Phelps

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,190
citations

361413

20
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of ozone exposure on the ability of human surfactant protein a variants to stimulate cytokine production.. Environmental Health Perspectives, 2002, 110, 79-84.	6.0	143
2	SP-A1 and SP-A2 variants differentially enhance association of Pseudomonas aeruginosa with rat alveolar macrophages. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L150-L158.	2.9	97
3	Surfactant Regulation of Host Defense Function in the Lung: A Question of Balance. Fetal and Pediatric Pathology, 2001, 20, 269-292.	0.3	94
4	Role of surfactant protein-A (SP-A) in lung injury in response to acute ozone exposure of SP-A deficient mice. Toxicology and Applied Pharmacology, 2007, 220, 72-82.	2.8	83
5	Ablation of SP-A has a negative impact on the susceptibility of mice to Klebsiella pneumoniae infection after ozone exposure: sex differences. Respiratory Research, 2008, 9, 77.	3.6	83
6	Surfactant Protein-A Reduces Binding and Phagocytosis of Pneumocystis carinii by Human Alveolar Macrophages In Vitro. American Journal of Respiratory Cell and Molecular Biology, 1998, 18, 834-843.	2.9	62
7	Differential effects of innate immune variants of surfactant protein-A1 (SFTPA1) and SP-A2 (SFTPA2) in airway function after Klebsiella pneumoniae infection and sex differences. Respiratory Research, 2018, 19, 23.	3.6	50
8	Increased Surfactant Protein-A Levels in Patients With Newly Diagnosed Idiopathic Pulmonary Fibrosis. Chest, 2004, 125, 617-625.	0.8	49
9	Sex differences in the response of the alveolar macrophage proteome to treatment with exogenous surfactant protein-A. Proteome Science, 2012, 10, 44.	1.7	44
10	Differences In The Alveolar Macrophage Proteome In Transgenic Mice Expressing Human SP-A1 And SP-A2. Journal of Proteomics and Genomics Research, 2013, 1, 2-26.	0.7	44
11	SP-A2 contributes to miRNA-mediated sex differences in response to oxidative stress: pro-inflammatory, anti-apoptotic, and anti-oxidant pathways are involved. Biology of Sex Differences, 2017, 8, 37.	4.1	42
12	Survival of Surfactant Protein-A1 and SP-A2 Transgenic Mice After Klebsiella pneumoniae Infection, Exhibits Sex-, Gene-, and Variant Specific Differences; Treatment With Surfactant Protein Improves Survival. Frontiers in Immunology, 2018, 9, 2404.	4.8	42
13	Surfactant components modulate fibroblast apoptosis and type I collagen and collagenase-1 expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L950-L957.	2.9	41
14	In vivo rescue of alveolar macrophages from SP-A knockout mice with exogenous SP-A nearly restores a wild type intracellular proteome; actin involvement. Proteome Science, 2011, 9, 67.	1.7	41
15	Sex differences in the acute in vivo effects of different human SP-A variants on the mouse alveolar macrophage proteome. Journal of Proteomics, 2014, 108, 427-444.	2.4	41
16	Interaction of Surfactant Protein A with Lipopolysaccharide and Regulation of Inflammatory Cytokines in the THP-1 Monocytic Cell Line. Infection and Immunity, 2000, 68, 6611-6617.	2.2	37
17	Single-cell analysis reveals differential regulation of the alveolar macrophage actin cytoskeleton by surfactant proteins A1 and A2: implications of sex and aging. Biology of Sex Differences, 2016, 7, 18.	4.1	36
18	The impact of surfactant protein-A on ozone-induced changes in the mouse bronchoalveolar lavage proteome. Proteome Science, 2009, 7, 12.	1.7	32

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19	SURFACTANT REGULATION OF HOST DEFENSE FUNCTION IN THE LUNG: A QUESTION OF BALANCE. Fetal and Pediatric Pathology, 2001, 20, 269-292.	0.3	29
20	Human Surfactant Protein SP-A1 and SP-A2 Variants Differentially Affect the Alveolar Microenvironment, Surfactant Structure, Regulation and Function of the Alveolar Macrophage, and Animal and Human Survival Under Various Conditions. Frontiers in Immunology, 2021, 12, 681639.	4.8	25
21	Major Effect of Oxidative Stress on the Male, but Not Female, SP-A1 Type II Cell miRNome. Frontiers in Immunology, 2019, 10, 1514.	4.8	24
22	Both Human SP-A1 and SP-A2 Genes are Expressed in Small and Large Intestine. Fetal and Pediatric Pathology, 2001, 20, 367-386.	0.3	17
23	Changes in Surfactant Protein A mRNA Levels in a Rat Model of Insulin-Treated Diabetic Pregnancy. Pediatric Research, 1996, 39, 241-247.	2.3	12
24	Differential Sex-Dependent Regulation of the Alveolar Macrophage miRNome of SP-A2 and co-ex (SP-A1/SP-A2) and Sex Differences Attenuation after 18 h of Ozone Exposure. Antioxidants, 2020, 9, 1190.	5.1	7
25	Differences in the alveolar macrophage toponome in humanized SP-A1 and SP-A2 transgenic mice. JCI Insight, 2020, 5, .	5.0	7
26	Using toponomics to characterize phenotypic diversity in alveolar macrophages from male mice treated with exogenous SP-A1. Biomarker Research, 2020, 8, 5.	6.8	5
27	The alveolar macrophage toponome of female SP-A knockout mice differs from that of males before and after SP-A1 rescue. Scientific Reports, 2022, 12, 5039.	3.3	2
28	Anti-Inflammatory Effect of Surfactant Lipid in the Vaginal Mucosa: A Pilot Study. Journal of Lower Genital Tract Disease, 2019, 23, 71-74.	1.9	1
29	Comparison of the Toponomes of Alveolar Macrophages From Wild Type and Surfactant Protein A Knockout Mice and Their Response to Infection. Frontiers in Immunology, 2022, 13, 853611.	4.8	0