Baljit Singh

List of Publications by Year
in descending order

109 papers	2,380 citations	270111 25 h-index	263392 45 g-index
112 all docs	112 docs citations	112 times ranked	3416 citing authors

#	Article	IF	Citations
1	Localization of nucleobindin2/nesfatin-1-like immunoreactivity in human lungs and neutrophils. Annals of Anatomy, 2022, 239, 151774.	1.0	1
2	Disability-adjusted life years (DALYs) due to the direct health impact of COVID-19 in India, 2020. Scientific Reports, 2022, 12, 2454.	1.6	18
3	Regulation of TLR10 Expression and Its Role in Chemotaxis of Human Neutrophils. Journal of Innate Immunity, 2022, 14, 629-642.	1.8	0
4	Deficiency of leukocyte-specific protein 1 (LSP1) alleviates asthmatic inflammation in a mouse model. Respiratory Research, 2022, 23, .	1.4	3
5	Depletion of pulmonary intravascular macrophages rescues inflammation-induced delayed neutrophil apoptosis in horses. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L126-L136.	1.3	1
6	Lack of CD34 delays bacterial endotoxin-induced lung inflammation. Respiratory Research, 2021, 22, 69.	1.4	3
7	Loss of Nucleobindin-2/Nesfatin-1 increases lipopolysaccharide-induced murine acute lung inflammation. Cell and Tissue Research, 2021, 385, 87-103.	1.5	13
8	Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway. Journal of Occupational Medicine and Toxicology, 2021, 16, 14.	0.9	8
9	Engineering and characterization of human Î²-defensin-3 and its analogues and microcin J25 peptides against Mannheimia haemolytica and bovine neutrophils. Veterinary Research, 2021, 52, 83.	1.1	4
10	Pentraxin 3 expression in lungs and neutrophils of calves. Veterinary Immunology and Immunopathology, 2021, 236, 110251.	0.5	4
11	Research article expression of surfactant protein-A and D, and CD9 in lungs of 1 and 30 day old foals. BMC Veterinary Research, 2021, 17, 236.	0.7	2
12	Pulmonary inflammatory response from co-exposure to LPS and glyphosate. Environmental Toxicology and Pharmacology, 2021, 86, 103651.	2.0	10
13	Meta-analysis and adjusted estimation of COVID-19 case fatality risk in India and its association with the underlying comorbidities. One Health, 2021, 13, 100283.	1.5	12
14	Lung inflammation from repeated exposure to LPS and glyphosate. Cell and Tissue Research, 2021, 386, 637-648.	1.5	9
15	Is there really a shortage of veterinarians in Canada? If so, what are we going to do?. Canadian Veterinary Journal, 2021, 62, 75-76.	0.0	1
16	Light and electron-microscopic localization of CD9 and surfactant protein A and D in normal lungs of the horse. Canadian Journal of Veterinary Research, 2021, 85, 170-176.	0.2	0
17	SARS-CoV2 infectivity is potentially modulated by host redox status. Computational and Structural Biotechnology Journal, 2020, 18, 3705-3711.	1.9	25
18	Animal models to study the role of pulmonary intravascular macrophages in spontaneous and induced acute pancreatitis. Cell and Tissue Research, 2020, 380, 207-222.	1.5	16

#	Article	IF	Citations
19	Localization of NUCB2/Nesfatinâ€3/Nesfatinâ€1 in Normal and Inflamed Human and Mouse Lungs, and Human Neutrophils. FASEB Journal, 2020, 34, 1-1.	0.2	0
20	Integrin alpha-v/beta3 expression in equine lungs and jejunum. Canadian Journal of Veterinary Research, 2020, 84, 245-251.	0.2	0
21	Where do deans of veterinary medicine in the United States and Canada come from?. Canadian Veterinary Journal, 2020, 61, 1187-1196.	0.0	0
22	Learning for Transdisciplinary Leadership: Why Skilled Scholars Coming Together Is Not Enough. BioScience, 2019, 69, 736-745.	2.2	13
23	Mouse model to study pulmonary intravascular macrophage recruitment and lung inflammation in acute necrotizing pancreatitis. Cell and Tissue Research, 2019, 378, 97-111.	1.5	16
24	Ethyl pyruvate reduces organic dust-induced airway inflammation by targeting HMGB1-RAGE signaling. Respiratory Research, 2019, 20, 27.	1.4	21
25	Long-term exposures to ethion and endotoxin cause lung inflammation and induce genotoxicity in mice. Cell and Tissue Research, 2019, 375, 493-505.	1.5	14
26	Neutrophils: multitasking first responders of immunity and tissue homeostasis. Cell and Tissue Research, 2018, 371, 395-397.	1.5	33
27	Equine neutrophils and their role in ischemia reperfusion injury and lung inflammation. Cell and Tissue Research, 2018, 371, 639-648.	1.5	10
28	Comparative View of Lung Vascular Endothelium of Cattle, Horses, and Water Buffalo. Advances in Anatomy, Embryology and Cell Biology, 2018, 228, 21-39.	1.0	3
29	Oral exposure of deltamethrin and/or lipopolysaccharide (LPS) induced activation of the pulmonary immune system in Swiss albino mice. Environmental Science and Pollution Research, 2018, 25, 15436-15448.	2.7	7
30	Upregulation Of Eicosanoid Signalling In Lung Following Fipronil And Endotoxin Interaction. FASEB Journal, 2018, 32, 521.1.	0.2	0
31	Deficiency of Leukocyteâ€Specific Protein 1 (LSP1) Alleviates Asthma in a Mouse Model. FASEB Journal, 2018, 32, 15.3.	0.2	0
32	RGDSK Peptide Functionalized Helical Rosette Nanotubes (RGDSKâ€HRNs) Inhibit E. coli Adherence to Jejunal Epithelium by Blocking Integrin Î±vÎ²3. FASEB Journal, 2018, 32, 406.9.	0.2	0
33	Pulmonary innate inflammatory responses to agricultural occupational contaminants. Cell and Tissue Research, 2017, 367, 627-642.	1.5	21
34	Expression of von Willebrand factor, pulmonary intravascular macrophages, and Toll-like receptors in lungs of septic foals. Journal of Veterinary Science, 2017, 18, 17.	0.5	5
35	Self-Assembled Organic Nanotubes: Novel Bionanomaterials for Orthopedics and Tissue Engineering. , 2017, , 17-46.		0
36	Toll-like receptor 9 partially regulates lung inflammation induced following exposure to chicken barn air. Journal of Occupational Medicine and Toxicology, 2016, 11, 31.	0.9	11

#	Article	IF	Citations
37	Fipronil induces lung inflammation in vivo and cell death in vitro. Journal of Occupational Medicine and Toxicology, 2016, 11, 10.	0.9	15
38	Imidacloprid induced histomorphological changes and expression of TLR-4 and TNFÎ± in lung. Pesticide Biochemistry and Physiology, 2016, 131, 9-17.	1.6	26
39	Leukocyte-specific protein 1 regulates neutrophil recruitment in acute lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L995-L1008.	1.3	19
40	An unusual lipomatous brain mass in a Golden Retriever dog. Journal of Veterinary Diagnostic Investigation, 2015, 27, 772-776.	0.5	3
41	Toll-like receptor 10 expression in chicken, cattle, pig, dog, and rat lungs. Veterinary Immunology and Immunopathology, 2015, 168, 184-192.	0.5	6
42	Immunohistochemical expression of nuclear factor erythroid-2-related factor 2 and heme oxygenase 1 in normal bovine lung and bovine lung infected with Mannheimia haemolytica. Canadian Journal of Veterinary Research, 2015, 79, 81-6.	0.2	1
43	Angiostatin inhibits activation and migration of neutrophils. Cell and Tissue Research, 2014, 355, 375-396.	1.5	26
44	Morphometric Examination of the Equine Adult and Foal Lung. Anatomical Record, 2014, 297, 1950-1962.	0.8	8
45	The immune response to anesthesia: Part 2 sedatives, opioids, and injectable anesthetic agents. Veterinary Anaesthesia and Analgesia, 2014, 41, 553-566.	0.3	29
46	Angiostatin inhibits acute lung injury in a mouse model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L58-L68.	1.3	25
47	Remote lung injury after experimental intestinal ischemia-reperfusion in horses. Histology and Histopathology, 2014, 29, 361-75.	0.5	7
48	Lung inflammation associated with acute necrotizing pancreatitis in dogs (LB513). FASEB Journal, 2014, 28, LB513.	0.2	0
49	Expression of retinoid receptors in lungs of cattle, dogs, and pigs. Canadian Journal of Veterinary Research, 2014, 78, 176-82.	0.2	0
50	Characterization of the lung epithelium of wild-type and TLR9â^'/â^' mice after single and repeated exposures to chicken barn air. Experimental and Toxicologic Pathology, 2013, 65, 357-364.	2.1	11
51	Expression of Tollâ€like receptor 9 in mouse and human lungs. Journal of Anatomy, 2013, 222, 495-503.	0.9	33
52	Archaeal characterization of bioaerosols from cage-housed and floor-housed poultry operations. Canadian Journal of Microbiology, 2013, 59, 46-50.	0.8	24
53	Immuno-phenotypic and functional characterization of rabbit pulmonary intravascular macrophages. Cell and Tissue Research, 2013, 351, 149-160.	1.5	7
54	Analyses of lipid rafts, Toll-like receptors 2 and 4, and cytokines in foals vaccinated with Virulence Associated Protein A/CpG oligonucleotide vaccine against Rhodococcus equi. Veterinary Immunology and Immunopathology, 2013, 156, 182-189.	0.5	5

#	Article	IF	Citations
55	Leukocyteâ€Specific Protein 1 (LSP1) regulates neutrophil migration in acute lung inflammation. FASEB Journal, 2013, 27, 1166.13.	0.2	0
56	Potentially Pathogenic Bacteria and Antimicrobial Resistance in Bioaerosols from Cage-Housed and Floor-Housed Poultry Operations. Annals of Occupational Hygiene, 2012, 56, 440-9.	1.9	17
57	Pulmonary intravascular macrophages and lung health: What are we missing?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L498-L503.	1.3	75
58	Pulmonary intravascular macrophages as proinflammatory cells in heaves, an asthma-like equine disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L189-L198.	1.3	15
59	Integrin Î²3 is not critical for neutrophil recruitment in a mouse model of pneumococcal pneumonia. Cell and Tissue Research, 2012, 348, 177-187.	1.5	5
60	Expression of receptor activator of nuclear factorâ€ÎºB (RANK), RANK ligand, and osteoprotegerin in the normal and E. coli lipopolysaccharideâ€treated horse lungs. FASEB Journal, 2012, 26, 658.5.	0.2	0
61	Intercropping of Medicinal and Spice crops under different Agroforestry tree species in Punjab. Journal of Non-timber Forest Products, 2012, 19, 167-173.	0.0	1
62	Bacterial diversity characterization of bioaerosols from cage-housed and floor-housed poultry operations. Environmental Research, 2011, 111, 492-498.	3.7	53
63	RGD-tagged helical rosette nanotubes aggravate acute lipopolysaccharide-induced lung inflammation. International Journal of Nanomedicine, 2011, 6, 3113.	3.3	12
64	Expression of toll-like receptor 9 in lungs of pigs, dogs and cattle. International Journal of Experimental Pathology, 2011, 92, 1-7.	0.6	22
65	Monocyte and macrophage heterogeneity and Toll-like receptors in the lung. Cell and Tissue Research, 2011, 343, 97-106.	1.5	72
66	Innate immunity: complex specificity. Cell and Tissue Research, 2011, 343, 1-4.	1.5	1
67	Comparison of the response to experimentally induced short-term inflammation in the temporomandibular and metacarpophalangeal joints of horses. American Journal of Veterinary Research, 2011, 72, 1586-1591.	0.3	18
68	Expression and activity of N-myristoyltransferase in lung inflammation of cattle and its role in neutrophil apoptosis. Veterinary Research, 2010, 41, 09.	1.1	10
69	Rosette nanotubes inhibit bovine neutrophil chemotaxis. Veterinary Research, 2010, 41, 75.	1.1	11
70	Function of Angiostatin in Acute Lung Inflammation. FASEB Journal, 2010, 24, 111.4.	0.2	0
71	Lipid raft association with TLR4 and TLR2 in the lungs of foals. FASEB Journal, 2010, 24, lb20.	0.2	0
72	Pulmonary intravascular macrophages and endotoxin-induced pulmonary pathophysiology in horses. Canadian Journal of Veterinary Research, 2010, 74, 45-9.	0.2	8

#	Article	IF	Citations
73	EXPRESSION AND ACTIVITIES OFN-MYRISTOYLTRANSFERASE AND CALCINEURIN IN NORMAL AND INFLAMED LUNGS. Experimental Lung Research, 2009, 35, 729-747.	0.5	0
74	Expression of Tollâ€Like Receptor 9 in Horse Lungs. Anatomical Record, 2009, 292, 1068-1077.	0.8	40
75	Productivity and nutrient uptake of newly released wheat varieties at different sowing times under poplar plantation in north-western India. Agroforestry Systems, 2009, 76, 579-590.	0.9	31
76	Macrophage Inflammatory Response to Selfâ€Assembling Rosette Nanotubes. Small, 2009, 5, 1446-1452.	5.2	20
77	An aerobiological perspective of dust in cage-housed and floor-housed poultry operations. Journal of Occupational Medicine and Toxicology, 2009, 4, 13.	0.9	55
78	The role of RGD-tagged helical rosette nanotubes in the induction of inflammation and apoptosis in human lung adenocarcinoma cells through the P38 MAPK pathway. Biomaterials, 2009, 30, 3084-3090.	5.7	29
79	Lipopolysaccharide induced inflammation in the perivascular space in lungs. Journal of Occupational Medicine and Toxicology, 2008, 3, 17.	0.9	18
80	Lung responses to secondary endotoxin challenge in rats exposed to pig barn air. Journal of Occupational Medicine and Toxicology, 2008, 3, 24.	0.9	9
81	Low Inflammatory Activation by Selfâ€Assembling Rosette Nanotubes in Human Caluâ€3 Pulmonary Epithelial Cells. Small, 2008, 4, 817-823.	5.2	23
82	Highâ€aspect ratio nanoparticles in nanotoxicology. Integrated Environmental Assessment and Management, 2008, 4, 128-129.	1.6	14
83	Role of pulmonary intravascular macrophages in endotoxin-induced lung inflammation and mortality in a rat model. Respiratory Research, 2008, 9, 69.	1.4	39
84	ROLE OF TOLL-LIKE RECEPTOR 4 IN LUNG INFLAMMATION FOLLOWING EXPOSURE TO SWINE BARN AIR. Experimental Lung Research, 2008, 34, 19-35.	0.5	52
85	Rosette nanotubes show low acute pulmonary toxicity in vivo. International Journal of Nanomedicine, 2008, 3, 373.	3.3	33
86	Nanotechnology-based drug delivery systems. Journal of Occupational Medicine and Toxicology, 2007, 2, 16.	0.9	523
87	Lung inflammation following a single exposure to swine barn air. Journal of Occupational Medicine and Toxicology, 2007, 2, 18.	0.9	11
88	Angiostatin and integrin Î±vÎ²3 in the feline, bovine, canine, equine, porcine and murine retina and cornea. Veterinary Ophthalmology, 2007, 10, 313-319.	0.6	17
89	Cellular toxicity evaluation of helical rosette nanotubes. FASEB Journal, 2007, 21, A1170.	0.2	0
90	Foreign-trained veterinarians and the Canadian veterinary medical establishment. Canadian Veterinary Journal, 2007, 48, 946.	0.0	0

#	Article	IF	Citations
91	Elevated N-myristoyltransferase activity and expression in oral squamous cell carcinoma. Oncology Reports, 2007, 18, 93-7.	1.2	10
92	Neutrophil depletion inhibits early and late monocyte/macrophage increase in lung inflammation. Frontiers in Bioscience - Landmark, 2006, 11, 1569.	3.0	46
93	Pulmonary effects of exposure to pig barn air. Journal of Occupational Medicine and Toxicology, 2006, 1, 10.	0.9	39
94	Expression of calcineurin and its interacting proteins in epileptic fowl. Journal of Neurochemistry, 2006, 96, 366-373.	2.1	8
95	Pulmonary intravascular monocytes/macrophages in a rat model of sepsis. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 1259-1271.	2.0	23
96	Expression of Toll-like receptor 4 and 2 in horse lungs. Veterinary Research, 2006, 37, 541-551.	1.1	59
97	Role of integrin Î²3 in neutrophil recruitment in Streptococcus pneumoniae induced lung inflammation.. FASEB Journal, 2006, 20, A214.	0.2	3
98	EXPRESSION OF ANGIOSTATIN, INTEGRINÎ±vÎ²3, AND VITRONECTIN IN HUMAN LUNGS IN SEPSIS. Experimental Lung Research, 2005, 31, 771-782.	0.5	60
99	Expression of myristoyltransferase and its interacting proteins in epilepsy. Biochemical and Biophysical Research Communications, 2005, 335, 1132-1139.	1.0	13
100	Multiple exposures to swine barn air induce lung inflammation and airway hyper-responsiveness. Respiratory Research, 2005, 6, 50.	1.4	62
101	Depletion of pulmonary intravascular macrophages partially inhibits lipopolysaccharide-induced lung inflammation in horses. Veterinary Research, 2005, 36, 557-569.	1.1	44
102	Expression of integrin subunits av and ï¿½3 in acute lung inflammation. Histochemistry and Cell Biology, 2004, 121, 383-390.	0.8	21
103	Depletion of pulmonary intravascular macrophages inhibits acute lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L363-L372.	1.3	57
104	Immunophenotypic characterization and depletion of pulmonary intravascular macrophages of horses. Veterinary Research, 2004, 35, 39-51.	1.1	27
105	Expression of vascular adhesion protein-1 in normal and inflamed mice lungs and normal human lungs. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2003, 442, 491-495.	1.4	27
106	Vascular expression of the Î±_vÎ²₃-integrin in lung and other organs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L217-L226.	1.3	81
107	Ultrastructural and cytochemical evaluation of sepsis-induced changes in the rat pulmonary intravascular mononuclear phagocytes. Journal of Anatomy, 1998, 192, 13-23.	0.9	12
108	Ultrastructural and immunocytochemical study of the pulmonary intravascular macrophages ofEscherichia coli lipopolysaccharide-treated sheep. , 1997, 247, 214-224.		17

#	Article	IF	Citations
109	Responses of pulmonary intravascular macrophages to 915-MHz microwave radiation: ultrastructural and cytochemical study. The Anatomical Record, 1996, 246, 343-355.	2.3	7