

Baljit Singh

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

2,380
citations

236833

25
h-index

233338

45
g-index

112
all docs

112
docs citations

112
times ranked

3102
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology-based drug delivery systems. <i>Journal of Occupational Medicine and Toxicology</i> , 2007, 2, 16.	0.9	523
2	Vascular expression of the α _v β ₃ -integrin in lung and other organs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L217-L226.	1.3	81
3	Pulmonary intravascular macrophages and lung health: What are we missing?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L498-L503.	1.3	75
4	Monocyte and macrophage heterogeneity and Toll-like receptors in the lung. <i>Cell and Tissue Research</i> , 2011, 343, 97-106.	1.5	72
5	Multiple exposures to swine barn air induce lung inflammation and airway hyper-responsiveness. <i>Respiratory Research</i> , 2005, 6, 50.	1.4	62
6	EXPRESSION OF ANGIOSTATIN, INTEGRIN α _v β ₃ , AND VITRONECTIN IN HUMAN LUNGS IN SEPSIS. <i>Experimental Lung Research</i> , 2005, 31, 771-782.	0.5	60
7	Expression of Toll-like receptor 4 and 2 in horse lungs. <i>Veterinary Research</i> , 2006, 37, 541-551.	1.1	59
8	Depletion of pulmonary intravascular macrophages inhibits acute lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L363-L372.	1.3	57
9	An aerobiological perspective of dust in cage-housed and floor-housed poultry operations. <i>Journal of Occupational Medicine and Toxicology</i> , 2009, 4, 13.	0.9	55
10	Bacterial diversity characterization of bioaerosols from cage-housed and floor-housed poultry operations. <i>Environmental Research</i> , 2011, 111, 492-498.	3.7	53
11	ROLE OF TOLL-LIKE RECEPTOR 4 IN LUNG INFLAMMATION FOLLOWING EXPOSURE TO SWINE BARN AIR. <i>Experimental Lung Research</i> , 2008, 34, 19-35.	0.5	52
12	Neutrophil depletion inhibits early and late monocyte/macrophage increase in lung inflammation. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1569.	3.0	46
13	Depletion of pulmonary intravascular macrophages partially inhibits lipopolysaccharide-induced lung inflammation in horses. <i>Veterinary Research</i> , 2005, 36, 557-569.	1.1	44
14	Expression of Toll-Like Receptor 9 in Horse Lungs. <i>Anatomical Record</i> , 2009, 292, 1068-1077.	0.8	40
15	Pulmonary effects of exposure to pig barn air. <i>Journal of Occupational Medicine and Toxicology</i> , 2006, 1, 10.	0.9	39
16	Role of pulmonary intravascular macrophages in endotoxin-induced lung inflammation and mortality in a rat model. <i>Respiratory Research</i> , 2008, 9, 69.	1.4	39
17	Rosette nanotubes show low acute pulmonary toxicity in vivo. <i>International Journal of Nanomedicine</i> , 2008, 3, 373.	3.3	33
18	Expression of Toll-Like receptor 9 in mouse and human lungs. <i>Journal of Anatomy</i> , 2013, 222, 495-503.	0.9	33

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19	Neutrophils: multitasking first responders of immunity and tissue homeostasis. <i>Cell and Tissue Research</i> , 2018, 371, 395-397.	1.5	33
20	Productivity and nutrient uptake of newly released wheat varieties at different sowing times under poplar plantation in north-western India. <i>Agroforestry Systems</i> , 2009, 76, 579-590.	0.9	31
21	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. <i>Biomaterials</i> , 2009, 30, 3084-3090.	5.7	29
22	The immune response to anesthesia: Part 2 sedatives, opioids, and injectable anesthetic agents. <i>Veterinary Anaesthesia and Analgesia</i> , 2014, 41, 553-566.	0.3	29
23	Expression of vascular adhesion protein-1 in normal and inflamed mice lungs and normal human lungs. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 442, 491-495.	1.4	27
24	Immunophenotypic characterization and depletion of pulmonary intravascular macrophages of horses. <i>Veterinary Research</i> , 2004, 35, 39-51.	1.1	27
25	Angiostatin inhibits activation and migration of neutrophils. <i>Cell and Tissue Research</i> , 2014, 355, 375-396.	1.5	26
26	Imidacloprid induced histomorphological changes and expression of TLR-4 and TNF α in lung. <i>Pesticide Biochemistry and Physiology</i> , 2016, 131, 9-17.	1.6	26
27	Angiostatin inhibits acute lung injury in a mouse model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L58-L68.	1.3	25
28	SARS-CoV2 infectivity is potentially modulated by host redox status. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3705-3711.	1.9	25
29	Archaeal characterization of bioaerosols from cage-housed and floor-housed poultry operations. <i>Canadian Journal of Microbiology</i> , 2013, 59, 46-50.	0.8	24
30	Pulmonary intravascular monocytes/macrophages in a rat model of sepsis. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 1259-1271.	2.0	23
31	Low Inflammatory Activation by Self-Assembling Rosette Nanotubes in Human Calu-3 Pulmonary Epithelial Cells. <i>Small</i> , 2008, 4, 817-823.	5.2	23
32	Expression of toll-like receptor 9 in lungs of pigs, dogs and cattle. <i>International Journal of Experimental Pathology</i> , 2011, 92, 1-7.	0.6	22
33	Expression of integrin subunits α v and β 3 in acute lung inflammation. <i>Histochemistry and Cell Biology</i> , 2004, 121, 383-390.	0.8	21
34	Pulmonary innate inflammatory responses to agricultural occupational contaminants. <i>Cell and Tissue Research</i> , 2017, 367, 627-642.	1.5	21
35	Ethyl pyruvate reduces organic dust-induced airway inflammation by targeting HMGB1-RAGE signaling. <i>Respiratory Research</i> , 2019, 20, 27.	1.4	21
36	Macrophage Inflammatory Response to Self-Assembling Rosette Nanotubes. <i>Small</i> , 2009, 5, 1446-1452.	5.2	20

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37	Leukocyte-specific protein 1 regulates neutrophil recruitment in acute lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L995-L1008.	1.3	19
38	Lipopolysaccharide induced inflammation in the perivascular space in lungs. <i>Journal of Occupational Medicine and Toxicology</i> , 2008, 3, 17.	0.9	18
39	Comparison of the response to experimentally induced short-term inflammation in the temporomandibular and metacarpophalangeal joints of horses. <i>American Journal of Veterinary Research</i> , 2011, 72, 1586-1591.	0.3	18
40	Disability-adjusted life years (DALYs) due to the direct health impact of COVID-19 in India, 2020. <i>Scientific Reports</i> , 2022, 12, 2454.	1.6	18
41	Ultrastructural and immunocytochemical study of the pulmonary intravascular macrophages of <i>Escherichia coli</i> lipopolysaccharide-treated sheep. , 1997, 247, 214-224.		17
42	Angiostatin and integrin $\alpha_3\beta_1$ in the feline, bovine, canine, equine, porcine and murine retina and cornea. <i>Veterinary Ophthalmology</i> , 2007, 10, 313-319.	0.6	17
43	Potentially Pathogenic Bacteria and Antimicrobial Resistance in Bioaerosols from Cage-Housed and Floor-Housed Poultry Operations. <i>Annals of Occupational Hygiene</i> , 2012, 56, 440-9.	1.9	17
44	Mouse model to study pulmonary intravascular macrophage recruitment and lung inflammation in acute necrotizing pancreatitis. <i>Cell and Tissue Research</i> , 2019, 378, 97-111.	1.5	16
45	Animal models to study the role of pulmonary intravascular macrophages in spontaneous and induced acute pancreatitis. <i>Cell and Tissue Research</i> , 2020, 380, 207-222.	1.5	16
46	Pulmonary intravascular macrophages as proinflammatory cells in heaves, an asthma-like equine disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L189-L198.	1.3	15
47	Fipronil induces lung inflammation in vivo and cell death in vitro. <i>Journal of Occupational Medicine and Toxicology</i> , 2016, 11, 10.	0.9	15
48	High aspect ratio nanoparticles in nanotoxicology. <i>Integrated Environmental Assessment and Management</i> , 2008, 4, 128-129.	1.6	14
49	Long-term exposures to ethion and endotoxin cause lung inflammation and induce genotoxicity in mice. <i>Cell and Tissue Research</i> , 2019, 375, 493-505.	1.5	14
50	Expression of myristoyltransferase and its interacting proteins in epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 1132-1139.	1.0	13
51	Learning for Transdisciplinary Leadership: Why Skilled Scholars Coming Together Is Not Enough. <i>BioScience</i> , 2019, 69, 736-745.	2.2	13
52	Loss of Nucleobindin-2/Nesfatin-1 increases lipopolysaccharide-induced murine acute lung inflammation. <i>Cell and Tissue Research</i> , 2021, 385, 87-103.	1.5	13
53	Ultrastructural and cytochemical evaluation of sepsis-induced changes in the rat pulmonary intravascular mononuclear phagocytes. <i>Journal of Anatomy</i> , 1998, 192, 13-23.	0.9	12
54	RGD-tagged helical rosette nanotubes aggravate acute lipopolysaccharide-induced lung inflammation. <i>International Journal of Nanomedicine</i> , 2011, 6, 3113.	3.3	12

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55	Meta-analysis and adjusted estimation of COVID-19 case fatality risk in India and its association with the underlying comorbidities. <i>One Health</i> , 2021, 13, 100283.	1.5	12
56	Lung inflammation following a single exposure to swine barn air. <i>Journal of Occupational Medicine and Toxicology</i> , 2007, 2, 18.	0.9	11
57	Characterization of the lung epithelium of wild-type and TLR9 ^{+/+} mice after single and repeated exposures to chicken barn air. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 357-364.	2.1	11
58	Toll-like receptor 9 partially regulates lung inflammation induced following exposure to chicken barn air. <i>Journal of Occupational Medicine and Toxicology</i> , 2016, 11, 31.	0.9	11
59	Rosette nanotubes inhibit bovine neutrophil chemotaxis. <i>Veterinary Research</i> , 2010, 41, 75.	1.1	11
60	Equine neutrophils and their role in ischemia reperfusion injury and lung inflammation. <i>Cell and Tissue Research</i> , 2018, 371, 639-648.	1.5	10
61	Pulmonary inflammatory response from co-exposure to LPS and glyphosate. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103651.	2.0	10
62	Expression and activity of N-myristoyltransferase in lung inflammation of cattle and its role in neutrophil apoptosis. <i>Veterinary Research</i> , 2010, 41, 09.	1.1	10
63	Elevated N-myristoyltransferase activity and expression in oral squamous cell carcinoma. <i>Oncology Reports</i> , 2007, 18, 93-7.	1.2	10
64	Lung responses to secondary endotoxin challenge in rats exposed to pig barn air. <i>Journal of Occupational Medicine and Toxicology</i> , 2008, 3, 24.	0.9	9
65	Lung inflammation from repeated exposure to LPS and glyphosate. <i>Cell and Tissue Research</i> , 2021, 386, 637-648.	1.5	9
66	Expression of calcineurin and its interacting proteins in epileptic fowl. <i>Journal of Neurochemistry</i> , 2006, 96, 366-373.	2.1	8
67	Morphometric Examination of the Equine Adult and Foal Lung. <i>Anatomical Record</i> , 2014, 297, 1950-1962.	0.8	8
68	Exposures to 2,4-Dichlorophenoxyacetic acid with or without endotoxin upregulate small cell lung cancer pathway. <i>Journal of Occupational Medicine and Toxicology</i> , 2021, 16, 14.	0.9	8
69	Pulmonary intravascular macrophages and endotoxin-induced pulmonary pathophysiology in horses. <i>Canadian Journal of Veterinary Research</i> , 2010, 74, 45-9.	0.2	8
70	Responses of pulmonary intravascular macrophages to 915-MHz microwave radiation: ultrastructural and cytochemical study. <i>The Anatomical Record</i> , 1996, 246, 343-355.	2.3	7
71	Immuno-phenotypic and functional characterization of rabbit pulmonary intravascular macrophages. <i>Cell and Tissue Research</i> , 2013, 351, 149-160.	1.5	7
72	Oral exposure of deltamethrin and/or lipopolysaccharide (LPS) induced activation of the pulmonary immune system in Swiss albino mice. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15436-15448.	2.7	7

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73	Remote lung injury after experimental intestinal ischemia-reperfusion in horses. <i>Histology and Histopathology</i> , 2014, 29, 361-75.	0.5	7
74	Toll-like receptor 10 expression in chicken, cattle, pig, dog, and rat lungs. <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 184-192.	0.5	6
75	Integrin α 23 is not critical for neutrophil recruitment in a mouse model of pneumococcal pneumonia. <i>Cell and Tissue Research</i> , 2012, 348, 177-187.	1.5	5
76	Analyses of lipid rafts, Toll-like receptors 2 and 4, and cytokines in foals vaccinated with Virulence Associated Protein A/CpG oligonucleotide vaccine against <i>Rhodococcus equi</i> . <i>Veterinary Immunology and Immunopathology</i> , 2013, 156, 182-189.	0.5	5
77	Expression of von Willebrand factor, pulmonary intravascular macrophages, and Toll-like receptors in lungs of septic foals. <i>Journal of Veterinary Science</i> , 2017, 18, 17.	0.5	5
78	Engineering and characterization of human α 2-defensin-3 and its analogues and microcin J25 peptides against <i>Mannheimia haemolytica</i> and bovine neutrophils. <i>Veterinary Research</i> , 2021, 52, 83.	1.1	4
79	Pentraxin 3 expression in lungs and neutrophils of calves. <i>Veterinary Immunology and Immunopathology</i> , 2021, 236, 110251.	0.5	4
80	An unusual lipomatous brain mass in a Golden Retriever dog. <i>Journal of Veterinary Diagnostic Investigation</i> , 2015, 27, 772-776.	0.5	3
81	Comparative View of Lung Vascular Endothelium of Cattle, Horses, and Water Buffalo. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2018, 228, 21-39.	1.0	3
82	Lack of CD34 delays bacterial endotoxin-induced lung inflammation. <i>Respiratory Research</i> , 2021, 22, 69.	1.4	3
83	Role of integrin α 23 in neutrophil recruitment in <i>Streptococcus pneumoniae</i> induced lung inflammation.. <i>FASEB Journal</i> , 2006, 20, A214.	0.2	3
84	Deficiency of leukocyte-specific protein 1 (LSP1) alleviates asthmatic inflammation in a mouse model. <i>Respiratory Research</i> , 2022, 23, .	1.4	3
85	Research article expression of surfactant protein-A and D, and CD9 in lungs of 1 and 30 day old foals. <i>BMC Veterinary Research</i> , 2021, 17, 236.	0.7	2
86	Innate immunity: complex specificity. <i>Cell and Tissue Research</i> , 2011, 343, 1-4.	1.5	1
87	Depletion of pulmonary intravascular macrophages rescues inflammation-induced delayed neutrophil apoptosis in horses. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L126-L136.	1.3	1
88	Localization of nucleobindin2/nesfatin-1-like immunoreactivity in human lungs and neutrophils. <i>Annals of Anatomy</i> , 2022, 239, 151774.	1.0	1
89	Immunohistochemical expression of nuclear factor erythroid-2-related factor 2 and heme oxygenase 1 in normal bovine lung and bovine lung infected with <i>Mannheimia haemolytica</i> . <i>Canadian Journal of Veterinary Research</i> , 2015, 79, 81-6.	0.2	1
90	Is there really a shortage of veterinarians in Canada? If so, what are we going to do?. <i>Canadian Veterinary Journal</i> , 2021, 62, 75-76.	0.0	1

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91	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
92	EXPRESSION AND ACTIVITIES OF MYRISTOYLTRANSFERASE AND CALCINEURIN IN NORMAL AND INFLAMED LUNGS. Experimental Lung Research, 2009, 35, 729-747.	0.5	0
93	Cellular toxicity evaluation of helical rosette nanotubes. FASEB Journal, 2007, 21, A1170.	0.2	0
94	Function of Angiostatin in Acute Lung Inflammation. FASEB Journal, 2010, 24, 111.4.	0.2	0
95	Lipid raft association with TLR4 and TLR2 in the lungs of foals. FASEB Journal, 2010, 24, 1b20.	0.2	0
96	Expression of receptor activator of nuclear factor- κ B (RANK), RANK ligand, and osteoprotegerin in the normal and E. coli lipopolysaccharide-treated horse lungs. FASEB Journal, 2012, 26, 658.5.	0.2	0
97	Leukocyte-Specific Protein 1 (LSP1) regulates neutrophil migration in acute lung inflammation. FASEB Journal, 2013, 27, 1166.13.	0.2	0
98	Lung inflammation associated with acute necrotizing pancreatitis in dogs (LB513). FASEB Journal, 2014, 28, LB513.	0.2	0
99	Self-Assembled Organic Nanotubes: Novel Bionanomaterials for Orthopedics and Tissue Engineering. , 2017, , 17-46.		0
100	Upregulation Of Eicosanoid Signalling In Lung Following Fipronil And Endotoxin Interaction. FASEB Journal, 2018, 32, 521.1.	0.2	0
101	Deficiency of Leukocyte-Specific Protein 1 (LSP1) Alleviates Asthma in a Mouse Model. FASEB Journal, 2018, 32, 15.3.	0.2	0
102	RGDSK Peptide Functionalized Helical Rosette Nanotubes (RGDSK-HRNs) Inhibit <i>E. coli</i> Adherence to Jejunal Epithelium by Blocking Integrin α 5 β 3. FASEB Journal, 2018, 32, 406.9.	0.2	0
103	Localization of NUCB2/Nesfatin-3/Nesfatin-1 in Normal and Inflamed Human and Mouse Lungs, and Human Neutrophils. FASEB Journal, 2020, 34, 1-1.	0.2	0
104	Foreign-trained veterinarians and the Canadian veterinary medical establishment. Canadian Veterinary Journal, 2007, 48, 946.	0.0	0
105	Expression of retinoid receptors in lungs of cattle, dogs, and pigs. Canadian Journal of Veterinary Research, 2014, 78, 176-82.	0.2	0
106	Integrin α v/ β 3 expression in equine lungs and jejunum. Canadian Journal of Veterinary Research, 2020, 84, 245-251.	0.2	0
107	Where do deans of veterinary medicine in the United States and Canada come from?. Canadian Veterinary Journal, 2020, 61, 1187-1196.	0.0	0
108	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

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109	Regulation of TLR10 Expression and Its Role in Chemotaxis of Human Neutrophils. Journal of Innate Immunity, 2022, 14, 629-642.	1.8	0