

# Steven Bozinovski

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

5,914  
citations

81434

41  
h-index

97045

71  
g-index

117  
all docs

117  
docs citations

117  
times ranked

8829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel pharmacological strategies to treat cognitive dysfunction in chronic obstructive pulmonary disease. , 2022, 233, 108017.		8
2	Oncogenic dependency on STAT3 serine phosphorylation in KRAS mutant lung cancer. <i>Oncogene</i> , 2022, 41, 809-823.	2.6	5
3	Programmed Death-Ligand 1 Copy Number Loss in NSCLC Associates With Reduced Programmed Death-Ligand 1 Tumor Staining and a Cold Immunophenotype. <i>Journal of Thoracic Oncology</i> , 2022, 17, 675-687.	0.5	11
4	Blocking the human common beta subunit of the GM-CSF, IL-5 and IL-3 receptors markedly reduces hyperinflammation in ARDS models. <i>Cell Death and Disease</i> , 2022, 13, 137.	2.7	9
5	House Dust Mite Aeroallergen Suppresses Leukocyte Phagocytosis and Netosis Initiated by Pneumococcal Lung Infection. <i>Frontiers in Pharmacology</i> , 2022, 13, 835848.	1.6	1
6	Excess iron promotes emergence of foamy macrophages that overexpress ferritin in the lungs of silicosis patients. <i>Respirology</i> , 2022, 27, 427-436.	1.3	4
7	Therapeutic Targeting of Endosome and Mitochondrial Reactive Oxygen Species Protects Mice From Influenza Virus Morbidity. <i>Frontiers in Pharmacology</i> , 2022, 13, 870156.	1.6	2
8	Ebselen abolishes vascular dysfunction in influenza A virus-induced exacerbations of cigarette smoke-induced lung inflammation in mice. <i>Clinical Science</i> , 2022, 136, 537-555.	1.8	4
9	Influenza A Virus-Driven Airway Inflammation may be Dissociated From Limb Muscle Atrophy in Cigarette Smoke-Exposed Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 859146.	1.6	1
10	Chronic obstructive pulmonary disease and atherosclerosis: common mechanisms and novel therapeutics. <i>Clinical Science</i> , 2022, 136, 405-423.	1.8	24
11	Cigarette Smoke Exposure Induces Neurocognitive Impairments and Neuropathological Changes in the Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	9
12	Targeting the human $\text{IL}2\text{R}\alpha$ receptor inhibits inflammatory myeloid cells and lung injury caused by acute cigarette smoke exposure. <i>Respirology</i> , 2022, 27, 617-629.	1.3	5
13	Ebselen reduces cigarette smoke-induced endothelial dysfunction in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 1805-1818.	2.7	11
14	GM-CSFR antagonism reduces mucosal injury and airways fibrosis in a virus-dependent model of severe asthma. <i>British Journal of Pharmacology</i> , 2021, 178, 1869-1885.	2.7	13
15	Integrating endobronchial ultrasound bronchoscopy with molecular testing of immunotherapy biomarkers in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 2779-2787.	1.3	4
16	Emerging and multifaceted role of neutrophils in lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 2806-2818.	1.3	33
17	Aspirin-Triggered Resolvin D1 Reduces Proliferation and the Neutrophil to Lymphocyte Ratio in a Mutant KRAS-Driven Lung Adenocarcinoma Model. <i>Cancers</i> , 2021, 13, 3224.	1.7	9
18	Apocynin prevents cigarette smoking-induced loss of skeletal muscle mass and function in mice by preserving proteostatic signalling. <i>British Journal of Pharmacology</i> , 2021, 178, 3049-3066.	2.7	9

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19	Excessive Reactive Oxygen Species Inhibit IL-17A <sup>+</sup> T Cells and Innate Cellular Responses to Bacterial Lung Infection. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 943-956.	2.5	13
20	Mitochondrial Reactive Oxygen Species Contribute to Pathological Inflammation During Influenza A Virus Infection in Mice. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 929-942.	2.5	60
21	Cigarette Smoking Exacerbates Skeletal Muscle Injury without Compromising Its Regenerative Capacity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 217-230.	1.4	45
22	Influenza A virus causes maternal and fetal pathology via innate and adaptive vascular inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24964-24973.	3.3	34
23	Novel Therapies for Pneumonia-Associated Severe Asthma Phenotypes. <i>Trends in Molecular Medicine</i> , 2020, 26, 1047-1058.	3.5	6
24	Spatial Properties of Reactive Oxygen Species Govern Pathogen-Specific Immune System Responses. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 982-992.	2.5	18
25	Ambulatory Oxygen in Fibrotic Interstitial Lung Disease. <i>Chest</i> , 2020, 158, 234-244.	0.4	21
26	Novel multiplex droplet digital PCR assay for scoring PD-L1 in non-small cell lung cancer biopsy specimens. <i>Lung Cancer</i> , 2019, 134, 233-237.	0.9	23
27	Sensitive molecular testing methods can demonstrate NSCLC driver mutations in malignant pleural effusion despite non-malignant cytology. <i>Translational Lung Cancer Research</i> , 2019, 8, 513-518.	1.3	6
28	ADAM17 selectively activates the IL-6 trans-signaling/ ERK MAPK axis in KRAS-addicted lung cancer. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	65
29	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. , 2019, 198, 160-188.		81
30	New frontiers in the treatment of comorbid cardiovascular disease in chronic obstructive pulmonary disease. <i>Clinical Science</i> , 2019, 133, 885-904.	1.8	45
31	Intranasal and epicutaneous administration of Toll-like receptor 7 (TLR7) agonists provides protection against influenza A virus-induced morbidity in mice. <i>Scientific Reports</i> , 2019, 9, 2366.	1.6	31
32	Matrine reduces cigarette smoke-induced airway neutrophilic inflammation by enhancing neutrophil apoptosis. <i>Clinical Science</i> , 2019, 133, 551-564.	1.8	27
33	A Novel Approach to Detect Programed Death Ligand 1 (PD-L1) Status and Multiple Tumor Mutations Using a Single Non-Small-Cell Lung Cancer (NSCLC) Bronchoscopy Specimen. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 186-197.	1.2	12
34	G-CSFR antagonism reduces neutrophilic inflammation during pneumococcal and influenza respiratory infections without compromising clearance. <i>Scientific Reports</i> , 2019, 9, 17732.	1.6	18
35	CSF3R/CD114 mediates infection-dependent transition to severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 785-788.e6.	1.5	28
36	Protocols to Evaluate Cigarette Smoke-Induced Lung Inflammation and Pathology in Mice. <i>Methods in Molecular Biology</i> , 2018, 1725, 53-63.	0.4	3

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37	Resolving Viral-Induced Secondary Bacterial Infection in COPD: A Concise Review. <i>Frontiers in Immunology</i> , 2018, 9, 2345.	2.2	41
38	The transcriptomic response of <i>Streptococcus pneumoniae</i> following exposure to cigarette smoke extract. <i>Scientific Reports</i> , 2018, 8, 15716.	1.6	14
39	Modelling COPD comorbidities in preclinical models. <i>Respirology</i> , 2018, 23, 1094-1095.	1.3	7
40	Increased hypothalamic microglial activation after viral-induced pneumococcal lung infection is associated with excess serum amyloid A production. <i>Journal of Neuroinflammation</i> , 2018, 15, 200.	3.1	19
41	Targeting NADPH oxidase-2 reduces cigarette smoke-induced lung inflammation and skeletal muscle wasting in mice. , 2018, , .		1
42	Greater endurance capacity and improved dyspnoea with acute oxygen supplementation in idiopathic pulmonary fibrosis patients without resting hypoxaemia. <i>Respirology</i> , 2017, 22, 957-964.	1.3	60
43	Tumour-associated neutrophils and loss of epithelial PTEN can promote corticosteroid-insensitive MMP-9 expression in the chronically inflamed lung microenvironment. <i>Thorax</i> , 2017, 72, 1140-1143.	2.7	15
44	Aspirin-triggered resolvin D1 reduces pneumococcal lung infection and inflammation in a viral and bacterial coinfection pneumonia model. <i>Clinical Science</i> , 2017, 131, 2347-2362.	1.8	53
45	Endosomal NOX2 oxidase exacerbates virus pathogenicity and is a target for antiviral therapy. <i>Nature Communications</i> , 2017, 8, 69.	5.8	111
46	Recombinant human IL-26 facilitates the innate immune response to endotoxin in the bronchoalveolar space of mice in vivo. <i>PLoS ONE</i> , 2017, 12, e0188909.	1.1	14
47	Serum Amyloid A Induces Toll-Like Receptor 2-Dependent Inflammatory Cytokine Expression and Atrophy in C2C12 Skeletal Muscle Myotubes. <i>PLoS ONE</i> , 2016, 11, e0146882.	1.1	22
48	Therapeutic Targeting of the IL-6 Trans-Signaling/Mechanistic Target of Rapamycin Complex 1 Axis in Pulmonary Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1494-1505.	2.5	44
49	Emerging therapies for the treatment of skeletal muscle wasting in chronic obstructive pulmonary disease. , 2016, 166, 56-70.		39
50	COPD and stroke: are systemic inflammation and oxidative stress the missing links?. <i>Clinical Science</i> , 2016, 130, 1039-1050.	1.8	138
51	Do anti-viral neutrophil responses exacerbate lung inflammation in asthma?. <i>Respirology</i> , 2016, 21, 10-11.	1.3	1
52	<sc>COPD</sc> and squamous cell lung cancer: aberrant inflammation and immunity is the common link. <i>British Journal of Pharmacology</i> , 2016, 173, 635-648.	2.7	95
53	Apocynin and ebselen reduce influenza A virus-induced lung inflammation in cigarette smoke-exposed mice. <i>Scientific Reports</i> , 2016, 6, 20983.	1.6	74
54	Neonatal pneumococcal colonisation caused by Influenza A infection alters lung function in adult mice. <i>Scientific Reports</i> , 2016, 6, 22751.	1.6	4

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55	Innate cellular sources of interleukin-17A regulate macrophage accumulation in cigarette-smoke-induced lung inflammation in mice. <i>Clinical Science</i> , 2015, 129, 785-796.	1.8	66
56	HSP90 Inhibition Suppresses Lipopolysaccharide-Induced Lung Inflammation In Vivo. <i>PLoS ONE</i> , 2015, 10, e0114975.	1.1	18
57	Imbalanced gp130 signalling in ApoE-deficient mice protects against atherosclerosis. <i>Atherosclerosis</i> , 2015, 238, 321-328.	0.4	12
58	Preclinical murine models of Chronic Obstructive Pulmonary Disease. <i>European Journal of Pharmacology</i> , 2015, 759, 265-271.	1.7	24
59	Multifaceted Role for IL-17A in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1213-1214.	2.5	6
60	Targeting oxidant-dependent mechanisms for the treatment of COPD and its comorbidities. , 2015, 155, 60-79.		78
61	Immunomodulatory Regulation of Lung Regeneration and Repair. <i>Pancreatic Islet Biology</i> , 2015, , 159-168.	0.1	0
62	SAA drives proinflammatory heterotypic macrophage differentiation in the lung via CSF1R-dependent signaling. <i>FASEB Journal</i> , 2014, 28, 3867-3877.	0.2	42
63	Recent advances in pre-clinical mouse models of COPD. <i>Clinical Science</i> , 2014, 126, 253-265.	1.8	131
64	Role of alveolar macrophages in chronic obstructive pulmonary disease. <i>Frontiers in Immunology</i> , 2014, 5, 435.	2.2	173
65	IL-6/Stat3-driven pulmonary inflammation, but not emphysema, is dependent on interleukin-17 in mice. <i>Respirology</i> , 2014, 19, 419-427.	1.3	20
66	Harnessing the potential of lung stem cells for regenerative medicine. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 56, 82-91.	1.2	14
67	139. Cytokine, 2014, 70, 61.	1.4	0
68	IL-17A and Serum Amyloid A Are Elevated in a Cigarette Smoke Cessation Model Associated with the Persistence of Pigmented Macrophages, Neutrophils and Activated NK Cells. <i>PLoS ONE</i> , 2014, 9, e113180.	1.1	25
69	Targeting pro-resolution pathways to combat chronic inflammation in COPD. <i>Journal of Thoracic Disease</i> , 2014, 6, 1548-56.	0.6	27
70	Treating neutrophilic inflammation in COPD by targeting ALX/FPR2 resolution pathways. , 2013, 140, 280-289.		45
71	Glutathione Peroxidase-1 Reduces Influenza A Virus-Induced Lung Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 17-26.	1.4	65
72	TGF- $\beta$ 2 signaling in stromal cells acts upstream of FGF-10 to regulate epithelial stem cell growth in the adult lung. <i>Stem Cell Research</i> , 2013, 11, 1222-1233.	0.3	77

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73	Serum Amyloid A Promotes Lung Neutrophilia by Increasing IL-17A Levels in the Mucosa and $\hat{I}\hat{3}\hat{I}$ T Cells. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 179-186.	2.5	68
74	Glutathione peroxidase-1 as a novel therapeutic target for COPD. Redox Report, 2013, 18, 142-149.	1.4	48
75	Nox1 Oxidase Suppresses Influenza A Virus-Induced Lung Inflammation and Oxidative Stress. PLoS ONE, 2013, 8, e60792.	1.1	47
76	Non-Essential Role for TLR2 and Its Signaling Adaptor Mal/TIRAP in Preserving Normal Lung Architecture in Mice. PLoS ONE, 2013, 8, e78095.	1.1	8
77	Increase in Net Activity of Serine Proteinases but Not Gelatinases after Local Endotoxin Exposure in the Peripheral Airways of Healthy Subjects. PLoS ONE, 2013, 8, e75032.	1.1	8
78	Deregulated Stat3 signaling dissociates pulmonary inflammation from emphysema in gp130 mutant mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L627-L639.	1.3	35
79	Serum amyloid A opposes lipoxin A <sub>4</sub> to mediate glucocorticoid refractory lung inflammation in chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 935-940.	3.3	140
80	Glutathione Peroxidase-1 Primes Pro-Inflammatory Cytokine Production after LPS Challenge In Vivo. PLoS ONE, 2012, 7, e33172.	1.1	30
81	Glucocorticosteroids Differentially Regulate MMP-9 and Neutrophil Elastase in COPD. PLoS ONE, 2012, 7, e33277.	1.1	69
82	Genetic partitioning of interleukin-6 signalling in mice dissociates Stat3 from Smad3-mediated lung fibrosis. EMBO Molecular Medicine, 2012, 4, 939-951.	3.3	128
83	Carbonylation Caused by Cigarette Smoke Extract Is Associated with Defective Macrophage Immunity. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 229-236.	1.4	44
84	Interleukin-6 Promotes Pulmonary Emphysema Associated with Apoptosis in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 720-730.	1.4	87
85	Inhibition of Nox2 Oxidase Activity Ameliorates Influenza A Virus-Induced Lung Inflammation. PLoS Pathogens, 2011, 7, e1001271.	2.1	210
86	Identifying viral infections in vaccinated Chronic Obstructive Pulmonary Disease (COPD) patients using clinical features and inflammatory markers. Influenza and Other Respiratory Viruses, 2010, 4, 33-39.	1.5	11
87	Glutathione peroxidase-1 protects against cigarette smoke-induced lung inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L425-L433.	1.3	76
88	Neutralizing Granulocyte/Macrophage Colony-Stimulating Factor Inhibits Cigarette Smoke-induced Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 34-40.	2.5	99
89	Increased net gelatinase but not serine protease activity in bronchiolitis obliterans syndrome. Journal of Heart and Lung Transplantation, 2010, 29, 800-807.	0.3	16
90	IL-17-producing T lymphocytes in lung tissue and in the bronchoalveolar space after exposure to endotoxin from Escherichia coli in vivo - effects of anti-inflammatory pharmacotherapy. Pulmonary Pharmacology and Therapeutics, 2009, 22, 199-207.	1.1	31

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91	Absence of glutathione peroxidase $\beta$ exacerbates cerebral ischemia $\rightarrow$ reperfusion injury by reducing post $\rightarrow$ ischemic microvascular perfusion. <i>Journal of Neurochemistry</i> , 2008, 107, 241-252.	2.1	70
92	Impact of acute exposure to tobacco smoke on gelatinases in the bronchoalveolar space. <i>European Respiratory Journal</i> , 2008, 32, 644-650.	3.1	9
93	Epidermal Growth Factor Receptor Signaling to Erk1/2 and STATs Control the Intensity of the Epithelial Inflammatory Responses to Rhinovirus Infection. <i>Journal of Biological Chemistry</i> , 2008, 283, 9977-9985.	1.6	83
94	Serum Amyloid A Is a Biomarker of Acute Exacerbations of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 269-278.	2.5	229
95	DNA Vector Augments Inflammation in Epithelial Cells via EGFR-Dependent Regulation of TLR4 and TLR2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 305-311.	1.4	27
96	Functional Relevance of the IL-23 $\rightarrow$ IL-17 Axis in Lungs In Vivo. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 442-451.	1.4	68
97	A community-based, time-matched, case-control study of respiratory viruses and exacerbations of COPD. <i>Respiratory Medicine</i> , 2007, 101, 2472-2481.	1.3	94
98	Regulation of hypothalamic NPY by diet and smoking. <i>Peptides</i> , 2007, 28, 384-389.	1.2	38
99	Modelling COPD in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2006, 19, 12-17.	1.1	43
100	Therapeutic prospects to treat skeletal muscle wasting in COPD (chronic obstructive lung disease). , 2006, 109, 162-172.		34
101	Therapeutic potential of treating chronic obstructive pulmonary disease (COPD) by neutralising granulocyte macrophage-colony stimulating factor (GM-CSF). , 2006, 112, 106-115.		85
102	Cigarette Smoke Exposure Reprograms the Hypothalamic Neuropeptide Y Axis to Promote Weight Loss. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1248-1254.	2.5	86
103	Differential protease, innate immunity, and NF- $\kappa$ B induction profiles during lung inflammation induced by subchronic cigarette smoke exposure in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L931-L945.	1.3	185
104	Akt in the pathogenesis of COPD. <i>International Journal of COPD</i> , 2006, 1, 31-38.	0.9	25
105	Unaltered TNF-alpha production by macrophages and monocytes in diet-induced obesity in the rat. <i>Journal of Inflammation</i> , 2005, 2, 2.	1.5	33
106	Effect of Short-Term Cigarette Smoke Exposure on Body Weight, Appetite and Brain Neuropeptide Y in Mice. <i>Neuropsychopharmacology</i> , 2005, 30, 713-719.	2.8	128
107	Directed Gp130-Mediated Signaling Dissociates Inflammation from Fibrosis in Bleomycin Induced Lung Injury. <i>Inflammation Research</i> , 2005, 54, S215-S216.	1.6	0
108	S100A8 Chemotactic Protein Is Abundantly Increased, but Only a Minor Contributor to LPS-Induced, Steroid Resistant Neutrophilic Lung Inflammation in Vivo. <i>Journal of Proteome Research</i> , 2005, 4, 136-145.	1.8	50

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109	Imbalanced gp130-Dependent Signaling in Macrophages Alters Macrophage Colony-Stimulating Factor Responsiveness via Regulation of c-fms Expression. <i>Molecular and Cellular Biology</i> , 2004, 24, 1453-1463.	1.1	44
110	Cigarette Smoke Inhibits Lipopolysaccharide-Induced Production of Inflammatory Cytokines by Suppressing the Activation of Activator Protein-1 in Bronchial Epithelial Cells. <i>Journal of Immunology</i> , 2004, 173, 4164-4170.	0.4	126
111	Innate immune responses to LPS in mouse lung are suppressed and reversed by neutralization of GM-CSF via repression of TLR-4. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L877-L885.	1.3	96
112	Increased matrix metalloproteinase-9 concentration and activity after stimulation with interleukin-17 in mouse airways. <i>Thorax</i> , 2004, 59, 313-317.	2.7	111
113	Acquired somatic mutations in the molecular pathogenesis of COPD. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 71-76.	4.0	95
114	Granulocyte/Macrophage-Colony-stimulating Factor (GM-CSF) Regulates Lung Innate Immunity to Lipopolysaccharide through Akt/Erk Activation of NF $\kappa$ B and AP-1 in Vivo. <i>Journal of Biological Chemistry</i> , 2002, 277, 42808-42814.	1.6	154
115	Constitutive Activation of the Src Family Kinase Hck Results in Spontaneous Pulmonary Inflammation and an Enhanced Innate Immune Response. <i>Journal of Experimental Medicine</i> , 2002, 196, 589-604.	4.2	112
116	The Synthetic Peptide RPRAATF Allows Specific Assay of Akt Activity in Cell Lysates. <i>Analytical Biochemistry</i> , 2002, 305, 32-39.	1.1	16
117	The Akt kinase signals directly to endothelial nitric oxide synthase. <i>Current Biology</i> , 1999, 9, 845-S1.	1.8	445