

# Pavol Mikolka

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

525  
citations

933264

10  
h-index

677027

22  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor Tyrosine Kinases Activate Canonical WNT/ $\beta$ -Catenin Signaling via MAP Kinase/LRP6 Pathway and Direct $\beta$ -Catenin Phosphorylation. PLoS ONE, 2012, 7, e35826.	1.1	142
2	Corticosteroids in Acute Lung Injury: The Dilemma Continues. International Journal of Molecular Sciences, 2019, 20, 4765.	1.8	93
3	Complete genome sequence of <i>Treponema pallidum</i> strain DAL-1. Standards in Genomic Sciences, 2012, 7, 12-21.	1.5	37
4	Inflammatory Activity in Autism Spectrum Disorder. Advances in Experimental Medicine and Biology, 2015, 861, 93-98.	0.8	37
5	Revealing the acute asthma ignorome: characterization and validation of uninvestigated gene networks. Scientific Reports, 2016, 6, 24647.	1.6	20
6	Antiinflammatory Effect of N-Acetylcysteine Combined with Exogenous Surfactant in Meconium-Induced Lung Injury. Advances in Experimental Medicine and Biology, 2016, 934, 63-75.	0.8	18
7	Impact of synthetic surfactant CHF5633 with SP $\beta$ and SP $\epsilon$ analogues on lung function and inflammation in rabbit model of acute respiratory distress syndrome. Physiological Reports, 2021, 9, e14700.	0.7	16
8	Dose dependent effects of tadalafil and roflumilast on ovalbumin-induced airway hyperresponsiveness in guinea pigs. Experimental Lung Research, 2017, 43, 407-416.	0.5	15
9	Nasal Nitric Oxide in Healthy Adults – Reference Values and Affecting Factors. Physiological Research, 2017, 66, S247-S255.	0.4	14
10	Effects of S-Nitroso-N-Acetyl-Penicillamine (SNAP) on Inflammation, Lung Tissue Apoptosis and iNOS Activity in a Rabbit Model of Acute Lung Injury. Advances in Experimental Medicine and Biology, 2016, 935, 13-23.	0.8	11
11	Alterations in Vagal-Immune Pathway in Long-Lasting Mental Stress. Advances in Experimental Medicine and Biology, 2014, 832, 45-50.	0.8	10
12	Recombinant Human Superoxide Dismutase and N-Acetylcysteine Addition to Exogenous Surfactant in the Treatment of Meconium Aspiration Syndrome. Molecules, 2019, 24, 905.	1.7	10
13	N-Acetylcysteine Advancement of Surfactant Therapy in Experimental Meconium Aspiration Syndrome: Possible Mechanisms. Physiological Research, 2014, 63, S629-S642.	0.4	10
14	The long-term administration of Orai 1 antagonist possesses antitussive, bronchodilatory and anti-inflammatory effects in experimental asthma model. General Physiology and Biophysics, 2013, 32, 251-259.	0.4	9
15	The Influence of L-NAME on iNOS Expression and Markers of Oxidative Stress in Allergen-Induced Airway Hyperreactivity. Advances in Experimental Medicine and Biology, 2014, 838, 1-10.	0.8	8
16	Anti-IL-8 antibody potentiates the effect of exogenous surfactant in respiratory failure caused by meconium aspiration. Experimental Lung Research, 2018, 44, 40-50.	0.5	8
17	Influence of Roflumilast on Airway Reactivity and Apoptosis in Ovalbumin-Sensitized Guinea Pigs. Advances in Experimental Medicine and Biology, 2014, 838, 11-18.	0.8	7
18	Bronchodilator and Anti-Inflammatory Action of Theophylline in a Model of Ovalbumin-Induced Allergic Inflammation. Advances in Experimental Medicine and Biology, 2016, 935, 53-62.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Modified porcine surfactant enriched by recombinant human superoxide dismutase for experimental meconium aspiration syndrome. <i>Life Sciences</i> , 2018, 203, 121-128.	2.0	7
20	Effects of PDE3 Inhibitor Olprinone on the Respiratory Parameters, Inflammation, and Apoptosis in an Experimental Model of Acute Respiratory Distress Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3382.	1.8	7
21	The markers of oxidative stress in patient with lung cancer. , 2015, , .		5
22	Effect of phosphodiesterase-4 inhibitor on the inflammation, oxidative damage and apoptosis in a saline lavage-induced model of acute lung injury. , 2018, , .		5
23	N-Acetylcysteine in Mechanically Ventilated Rats with Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome: The Effect of Intravenous Dose on Oxidative Damage and Inflammation. <i>Biomedicines</i> , 2021, 9, 1885.	1.4	5
24	Effects on Lung Function of Small-Volume Conventional Ventilation and High-Frequency Oscillatory Ventilation in a Model of Meconium Aspiration Syndrome. <i>Advances in Experimental Medicine and Biology</i> , 2015, 866, 51-59.	0.8	4
25	High-Frequency Jet Ventilation against Small-Volume Conventional Mechanical Ventilation in the Rabbit Models of Neonatal Acute Lung Injury. <i>Advances in Experimental Medicine and Biology</i> , 2016, 912, 83-93.	0.8	4
26	Nitric-Oxide-Releasing Dexamethasone Derivative NCX-1005 Improves Lung Function and Attenuates Inflammation in Experimental Lavage-Induced ARDS. <i>Pharmaceutics</i> , 2021, 13, 2092.	2.0	4
27	Effects of Selective Inhibition of PDE4 by YM976 on Airway Reactivity and Cough in Ovalbumin-Sensitized Guinea Pigs. <i>Advances in Experimental Medicine and Biology</i> , 2016, 921, 61-70.	0.8	3
28	The Effect of Modified Porcine Surfactant Alone or in Combination with Polymyxin B on Lung Homeostasis in LPS-Challenged and Mechanically Ventilated Adult Rats. <i>Molecules</i> , 2020, 25, 4356.	1.7	3
29	Effects of phosphodiesterase inhibitors on the lung functions in a saline lavage-induced model of acute lung injury. , 2017, , .		3
30	Efficient delipidation of a recombinant lung surfactant lipopeptide analogue by liquid-gel chromatography. <i>PLoS ONE</i> , 2019, 14, e0226072.	1.1	2
31	Effects of S-nitroso-N-acetyl-penicillamine (SNAP) on inflammation, apoptosis and iNOS activity in an experimental model of acute lung injury. , 2015, , .		0