

Pawan Sharma

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

1,477
citations

22
h-index

36
g-index

68
ext. papers

1,851
ext. citations

5.5
avg. IF

4.71
L-index

#	Paper	IF	Citations
57	Targeting the mevalonate cascade as a new therapeutic approach in heart disease, cancer and pulmonary disease. <i>Pharmacology & Therapeutics</i> , 2014 , 143, 87-110	13.9	101
56	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 366-377	5.7	87
55	Apoptosis, autophagy and ER stress in mevalonate cascade inhibition-induced cell death of human atrial fibroblasts. <i>Cell Death and Disease</i> , 2012 , 3, e330	9.8	87
54	Mevalonate cascade regulation of airway mesenchymal cell autophagy and apoptosis: a dual role for p53. <i>PLoS ONE</i> , 2011 , 6, e16523	3.7	73
53	Autophagy Activation in Asthma Airways Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 541-553	5.7	70
52	Insulin increases the expression of contractile phenotypic markers in airway smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C429-39	5.4	67
51	IQOS exposure impairs human airway cell homeostasis: direct comparison with traditional cigarette and e-cigarette. <i>ERJ Open Research</i> , 2019 , 5,	3.5	62
50	Statin-triggered cell death in primary human lung mesenchymal cells involves p53-PUMA and release of Smac and Omi but not cytochrome c. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 452-67	4.9	62
49	Airway mesenchymal cell death by mevalonate cascade inhibition: integration of autophagy, unfolded protein response and apoptosis focusing on Bcl2 family proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1259-71	4.9	56
48	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. <i>Scientific Reports</i> , 2017 , 7, 46166	4.9	47
47	beta-Dystroglycan binds caveolin-1 in smooth muscle: a functional role in caveolae distribution and Ca ²⁺ release. <i>Journal of Cell Science</i> , 2010 , 123, 3061-70	5.3	45
46	Mechanisms of glucocorticoid action and insensitivity in airways disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014 , 29, 129-43	3.5	40
45	Phosphodiesterase 4 inhibitors augment the ability of formoterol to enhance glucocorticoid-dependent gene transcription in human airway epithelial cells: a novel mechanism for the clinical efficacy of roflumilast in severe chronic obstructive pulmonary disease. <i>Molecular Pharmacology</i> , 2013 , 83, 894-906	4.3	39
44	Airway smooth muscle in asthma: phenotype plasticity and function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009 , 22, 370-8	3.5	39
43	Expression of the dystrophin-glycoprotein complex is a marker for human airway smooth muscle phenotype maturation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 294, L57-68	5.8	37
42	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. <i>Drugs</i> , 2018 , 78, 1717-1740	12.1	35
41	Bitter taste receptor agonists alter mitochondrial function and induce autophagy in airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L154-L165	5.8	34

40	Antimitogenic effect of bitter taste receptor agonists on airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L365-76	5.8	34
39	Models to study airway smooth muscle contraction in vivo, ex vivo and in vitro: implications in understanding asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 24-36	3.5	29
38	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. <i>Translational Medicine Communications</i> , 2021 , 6, 3	4	27
37	Mechanisms of simvastatin myotoxicity: The role of autophagy flux inhibition. <i>European Journal of Pharmacology</i> , 2019 , 862, 172616	5.3	25
36	Effect of long-term maternal smoking on the offspring's lung health. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L416-L423	5.8	22
35	The rise of electronic nicotine delivery systems and the emergence of electronic-cigarette-driven disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L585-L595	5.8	21
34	Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. <i>Cells</i> , 2020 , 9,	7.9	21
33	New therapeutic targets for the prevention of infectious acute exacerbations of COPD: role of epithelial adhesion molecules and inflammatory pathways. <i>Clinical Science</i> , 2019 , 133, 1663-1703	6.5	20
32	Pharmacology of a novel, orally active PDE4 inhibitor. <i>Pharmacology</i> , 2009 , 83, 275-86	2.3	20
31	A circadian based inflammatory response [Implications for respiratory disease and treatment. <i>Sleep Science and Practice</i> , 2017 , 1,	1.2	18
30	A role for transient receptor potential ankyrin 1 cation channel (TRPA1) in airway hyper-responsiveness?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 171-6	2.4	17
29	Role of dystrophin in airway smooth muscle phenotype, contraction and lung function. <i>PLoS ONE</i> , 2014 , 9, e102737	3.7	17
28	Dysfunctional Immunity and Microbial Adhesion Molecules in Smoking-induced Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 250-251	10.2	16
27	Epithelium-dependent modulation of responsiveness of airways from caveolin-1 knockout mice is mediated through cyclooxygenase-2 and 5-lipoxygenase. <i>British Journal of Pharmacology</i> , 2012 , 167, 548-60	8.6	14
26	Apoptosis signal-regulating kinase 1 inhibition attenuates human airway smooth muscle growth and migration in chronic obstructive pulmonary disease. <i>Clinical Science</i> , 2018 , 132, 1615-1627	6.5	13
25	Motility, survival, and proliferation. <i>Comprehensive Physiology</i> , 2012 , 2, 255-81	7.7	12
24	Heparin-binding epidermal growth factor (HB-EGF) drives EMT in patients with COPD: implications for disease pathogenesis and novel therapies. <i>Laboratory Investigation</i> , 2019 , 99, 150-157	5.9	12
23	Mechanisms Targeting the Unfolded Protein Response in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 29-38	5.7	12

22	Epithelial-mesenchymal transition is driven by transcriptional and post transcriptional modulations in COPD: implications for disease progression and new therapeutics. <i>International Journal of COPD</i> , 2019 , 14, 1603-1610	3	11
21	Autophagy and airway fibrosis: Is there a link?. <i>F1000Research</i> , 2017 , 6, 409	3.6	9
20	Autophagy, Apoptosis, the Unfolded Protein Response, and Lung Function in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2021 , 10,	7.9	9
19	sE-cadherin and sVE-cadherin indicate active epithelial/endothelial to mesenchymal transition (EMT and EndoMT) in smokers and COPD: implications for new biomarkers and therapeutics. <i>Biomarkers</i> , 2018 , 23, 709-711	2.6	9
18	Characterization of the dystrophin-glycoprotein complex in airway smooth muscle: role of Heparan sulfate glycosaminoglycan in airway responsiveness. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 195-202	2.4	8
17	Autophagy and airway fibrosis: Is there a link?. <i>F1000Research</i> , 2017 , 6, 409	3.6	8
16	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>Life</i> , 2020 , 11,	3	8
15	Chloroquine: Autophagy inhibitor, antimalarial, bitter taste receptor agonist in fight against COVID-19, a reality check?. <i>European Journal of Pharmacology</i> , 2021 , 897, 173928	5.3	8
14	Inhaled corticosteroids attenuate epithelial mesenchymal transition: implications for COPD and lung cancer prophylaxis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	7
13	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
12	Steroid insensitive fixed airflow obstruction is not related to airway inflammation in older non-smokers with asthma. <i>Respiratory Research</i> , 2018 , 19, 176	7.3	6
11	Pharmacologic Inhibition of Vacuolar HATPase Attenuates Features of Severe Asthma in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 117-120	5.7	5
10	Impact of Maternal Air Pollution Exposure on Children's Lung Health: An Indian Perspective. <i>Toxics</i> , 2018 , 6,	4.7	5
9	Pharmacodynamic and pharmacokinetic characterisation of RBx 7796: a novel 5-lipoxygenase inhibitor. <i>Inflammation Research</i> , 2008 , 57, 135-43	7.2	4
8	Does Vaping Increase Susceptibility to COVID-19?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1055-1056	10.2	4
7	Sex differences in the induction of angiotensin converting enzyme 2 (ACE-2) in mouse lungs after e-cigarette vapor exposure and its relevance to COVID-19. <i>Journal of Investigative Medicine</i> , 2021 , 69, 954-961	2.9	4
6	Emerging molecular targets for the treatment of pre-eclampsia. <i>Expert Opinion on Therapeutic Targets</i> , 2001 , 5, 395-413	6.4	2
5	Hispolon inhibits RANKL induced osteoclast differentiation in vitro. <i>Immunology Letters</i> , 2021 , 231, 35-42.	4.1	1

4	Diacylglycerol Kinase Inhibition Reduces Airway Contraction by Negative Feedback Regulation of Gq-Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 658-671	5-7	1
3	Effects of intranasal azithromycin on features of cigarette smoke-induced lung inflammation. <i>European Journal of Pharmacology</i> , 2021 , 915, 174467	5-3	1
2	Altered Calcium in Ciliary Dysfunction: Potential Role of Endoplasmic Reticulum Stress and Ciliophagy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 794-795	5-7	0
1	Airway Smooth Muscle Cells163-171		