Pawan Sharma

List of Publications by Year in Descending Order

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	Hispolon inhibits RANKL induced osteoclast differentiation in vitro. *Immunology Letters*, **2021**, 231, 35-42	4.1	1
56	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. *Journal of Investigative Medicine*, **2021**, 69, 954-961	2.9	4
55	Chloroquine: Autophagy inhibitor, antimalarial, bitter taste receptor agonist in fight against COVID-19, a reality check?. *European Journal of Pharmacology*, **2021**, 897, 173928	5.3	8
54	Autophagy, Apoptosis, the Unfolded Protein Response, and Lung Function in Idiopathic Pulmonary Fibrosis. *Cells*, **2021**, 10,	7.9	9
53	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). *International Journal of Molecular Sciences*, **2021**, 22,	6.3	7
52	Mechanisms Targeting the Unfolded Protein Response in Asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 64, 29-38	5.7	12
51	Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. *Translational Medicine Communications*, **2021**, 6, 3	4	27
50	Diacylglycerol Kinase Inhibition Reduces Airway Contraction by Negative Feedback Regulation of Gq-Signaling. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 65, 658-671	5.7	1
49	Effects of intranasal azithromycin on features of cigarette smoke-induced lung inflammation. *European Journal of Pharmacology*, **2021**, 915, 174467	5.3	1
48	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. *Life*, **2020**, 11,	3	8
47	Pharmacologic Inhibition of Vacuolar HATPase Attenuates Features of Severe Asthma in Mice. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 62, 117-120	5.7	5
46	The rise of electronic nicotine delivery systems and the emergence of electronic-cigarette-driven disease. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 319, L585-L595	5.8	21
45	Does Vaping Increase Susceptibility to COVID-19?. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 1055-1056	10.2	4
44	Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. *Cells*, **2020**, 9,	7.9	21
43	Mechanisms of simvastatin myotoxicity: The role of autophagy flux inhibition. *European Journal of Pharmacology*, **2019**, 862, 172616	5.3	25
42	IQOS exposure impairs human airway cell homeostasis: direct comparison with traditional cigarette and e-cigarette. *ERJ Open Research*, **2019**, 5,	3.5	62
41	Inhaled corticosteroids attenuate epithelial mesenchymal transition: implications for COPD and lung cancer prophylaxis. *European Respiratory Journal*, **2019**, 54,	13.6	7

40	New therapeutic targets for the prevention of infectious acute exacerbations of COPD: role of epithelial adhesion molecules and inflammatory pathways. *Clinical Science*, **2019**, 133, 1663-1703	6.5	20
39	Epithelial-mesenchymal transition is driven by transcriptional and post transcriptional modulations in COPD: implications for disease progression and new therapeutics. *International Journal of COPD*, **2019**, 14, 1603-1610	3	11
38	Altered Calcium in Ciliary Dysfunction: Potential Role of Endoplasmic Reticulum Stress and Ciliophagy. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 794-795	5.7	0
37	Heparin-binding epidermal growth factor (HB-EGF) drives EMT in patients with COPD: implications for disease pathogenesis and novel therapies. *Laboratory Investigation*, **2019**, 99, 150-157	5.9	12
36	Autophagy Activation in Asthma Airways Remodeling. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 541-553	5.7	70
35	Dysfunctional Immunity and Microbial Adhesion Molecules in Smoking-induced Pneumonia. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 250-251	10.2	16
34	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 366-377	5.7	87
33	Apoptosis signal-regulating kinase 1 inhibition attenuates human airway smooth muscle growth and migration in chronic obstructive pulmonary disease. *Clinical Science*, **2018**, 132, 1615-1627	6.5	13
32	Impact of Maternal Air Pollution Exposure on Children's Lung Health: An Indian Perspective. *Toxics*, **2018**, 6,	4.7	5
31	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. *Drugs*, **2018**, 78, 1717-1740	12.1	35
30	Steroid insensitive fixed airflow obstruction is not related to airway inflammation in older non-smokers with asthma. *Respiratory Research*, **2018**, 19, 176	7.3	6
29	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. *Biomarkers*, **2018**, 23, 709-711	2.6	9
28	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. *Scientific Reports*, **2017**, 7, 46166	4.9	47
27	Bitter taste receptor agonists alter mitochondrial function and induce autophagy in airway smooth muscle cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 313, L154-L165	5.8	34
26	Effect of long-term maternal smoking on the offspring's lung health. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 313, L416-L423	5.8	22
25	A circadian based inflammatory response implications for respiratory disease and treatment. *Sleep Science and Practice*, **2017**, 1,	1.2	18
24	Autophagy and airway fibrosis: Is there a link?. *F1000Research*, **2017**, 6, 409	3.6	8
23	Autophagy and airway fibrosis: Is there a link?. *F1000Research*, **2017**, 6, 409	3.6	9

22	Antimitogenic effect of bitter taste receptor agonists on airway smooth muscle cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 310, L365-76	5.8	34
21	Characterization of the dystrophin-glycoprotein complex in airway smooth muscle: role of sarcoglycan in airway responsiveness. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 195-202	2.4	8
20	A role for transient receptor potential ankyrin 1 cation channel (TRPA1) in airway hyper-responsiveness?. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 171-6	2.4	17
19	Targeting the mevalonate cascade as a new therapeutic approach in heart disease, cancer and pulmonary disease. *Pharmacology & Therapeutics*, **2014**, 143, 87-110	13.9	101
18	Airway mesenchymal cell death by mevalonate cascade inhibition: integration of autophagy, unfolded protein response and apoptosis focusing on Bcl2 family proteins. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2014**, 1843, 1259-71	4.9	56
17	Mechanisms of glucocorticoid action and insensitivity in airways disease. *Pulmonary Pharmacology and Therapeutics*, **2014**, 29, 129-43	3.5	40
16	Role of dystrophin in airway smooth muscle phenotype, contraction and lung function. *PLoS ONE*, **2014**, 9, e102737	3.7	17
15	Models to study airway smooth muscle contraction in vivo, ex vivo and in vitro: implications in understanding asthma. *Pulmonary Pharmacology and Therapeutics*, **2013**, 26, 24-36	3.5	29
14	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. *Molecular Pharmacology*, **2013**, 83, 894-906	4.3	39
13	Motility, survival, and proliferation. *Comprehensive Physiology*, **2012**, 2, 255-81	7.7	12
12	Epithelium-dependent modulation of responsiveness of airways from caveolin-1 knockout mice is mediated through cyclooxygenase-2 and 5-lipoxygenase. *British Journal of Pharmacology*, **2012**, 167, 548-60	8.6	14
11	Apoptosis, autophagy and ER stress in mevalonate cascade inhibition-induced cell death of human atrial fibroblasts. *Cell Death and Disease*, **2012**, 3, e330	9.8	87
10	Mevalonate cascade regulation of airway mesenchymal cell autophagy and apoptosis: a dual role for p53. *PLoS ONE*, **2011**, 6, e16523	3.7	73
9	beta-Dystroglycan binds caveolin-1 in smooth muscle: a functional role in caveolae distribution and Ca2+ release. *Journal of Cell Science*, **2010**, 123, 3061-70	5.3	45
8	Statin-triggered cell death in primary human lung mesenchymal cells involves p53-PUMA and release of Smac and Omi but not cytochrome c. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2010**, 1803, 452-67	4.9	62
7	Airway smooth muscle in asthma: phenotype plasticity and function. *Pulmonary Pharmacology and Therapeutics*, **2009**, 22, 370-8	3.5	39
6	Pharmacology of a novel, orally active PDE4 inhibitor. *Pharmacology*, **2009**, 83, 275-86	2.3	20
5	Expression of the dystrophin-glycoprotein complex is a marker for human airway smooth muscle phenotype maturation. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2008**, 294, L57-68	5.8	37

List of Publications

4	Pharmacodynamic and pharmacokinetic characterisation of RBx 7796: a novel 5-lipoxygenase inhibitor. *Inflammation Research*, **2008**, 57, 135-43	7.2	4
3	Insulin increases the expression of contractile phenotypic markers in airway smooth muscle. *American Journal of Physiology - Cell Physiology*, **2007**, 293, C429-39	5.4	67
2	Emerging molecular targets for the treatment of pre-eclampsia. *Expert Opinion on Therapeutic Targets*, **2001**, 5, 395-413	6.4	2
1	Airway Smooth Muscle Cells163-171		