Soni Savai Pullamsetti

List of Publications by Citations

87	4,213	35	64
papers	citations	h-index	g-index
109	5,332	9.6	5.23
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
87	Pathology and pathobiology of pulmonary hypertension: state of the art and research perspectives. *European Respiratory Journal*, **2019**, 53,	13.6	407
86	Immune and inflammatory cell involvement in the pathology of idiopathic pulmonary arterial hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 897-908	10.2	219
85	Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. *Nature Medicine*, **2014**, 20, 1289-300	50.5	183
84	Inhibition of microRNA-17 improves lung and heart function in experimental pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 409-19	10.2	171
83	Long Noncoding RNA MANTIS Facilitates Endothelial Angiogenic Function. *Circulation*, **2017**, 136, 65-79	16.7	145
82	MicroRNA-124 controls the proliferative, migratory, and inflammatory phenotype of pulmonary vascular fibroblasts. *Circulation Research*, **2014**, 114, 67-78	15.7	138
81	Adventitial fibroblasts induce a distinct proinflammatory/profibrotic macrophage phenotype in pulmonary hypertension. *Journal of Immunology*, **2014**, 193, 597-609	5.3	125
80	Macrophage and cancer cell cross-talk via CCR2 and CX3CR1 is a fundamental mechanism driving lung cancer. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 437-47	10.2	121
79	Combined tyrosine and serine/threonine kinase inhibition by sorafenib prevents progression of experimental pulmonary hypertension and myocardial remodeling. *Circulation*, **2008**, 118, 2081-90	16.7	121
78	Phosphodiesterase 1 upregulation in pulmonary arterial hypertension: target for reverse-remodeling therapy. *Circulation*, **2007**, 115, 2331-9	16.7	118
77	Increased smooth muscle cell expression of caveolin-1 and caveolae contribute to the pathophysiology of idiopathic pulmonary arterial hypertension. *FASEB Journal*, **2007**, 21, 2970-9	0.9	111
76	Targeting cancer with phosphodiesterase inhibitors. *Expert Opinion on Investigational Drugs*, **2010**, 19, 117-31	5.9	105
75	Role of epidermal growth factor inhibition in experimental pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 158-67	10.2	99
74	Matrix metalloproteinases and their inhibitors in pulmonary hypertension. *European Respiratory Journal*, **2012**, 40, 766-82	13.6	96
73	Role of Src tyrosine kinases in experimental pulmonary hypertension. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 1354-65	9.4	90
72	Heterogeneity in lung (18)FDG uptake in pulmonary arterial hypertension: potential of dynamic (18)FDG positron emission tomography with kinetic analysis as a bridging biomarker for pulmonary vascular remodeling targeted treatments. *Circulation*, **2013**, 128, 1214-24	16.7	86
71	Translational Advances in the Field of Pulmonary Hypertension. From Cancer Biology to New Pulmonary Arterial Hypertension Therapeutics. Targeting Cell Growth and Proliferation Signaling Hubs. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 425-437	10.2	81

70	Evaluation of angiogenesis using micro-computed tomography in a xenograft mouse model of lung cancer. *Neoplasia*, **2009**, 11, 48-56	6.4	80
69	Aberrant expression and activity of histone deacetylases in sporadic idiopathic pulmonary fibrosis. *Thorax*, **2015**, 70, 1022-32	7.3	75
68	Expression and activity of phosphodiesterase isoforms during epithelial mesenchymal transition: the role of phosphodiesterase 4. *Molecular Biology of the Cell*, **2009**, 20, 4751-65	3.5	73
67	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. *PLoS ONE*, **2015**, 10, e0139073	3.7	66
66	Role of the prostanoid EP4 receptor in iloprost-mediated vasodilatation in pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 188-96	10.2	66
65	Novel and emerging therapies for pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 394-400	10.2	62
64	Notch1 signalling regulates endothelial proliferation and apoptosis in pulmonary arterial hypertension. *European Respiratory Journal*, **2016**, 48, 1137-1149	13.6	57
63	FoxO3 an important player in fibrogenesis and therapeutic target for idiopathic pulmonary fibrosis. *EMBO Molecular Medicine*, **2018**, 10, 276-293	12	51
62	Lung cancer-associated pulmonary hypertension: Role of microenvironmental inflammation based on tumor cell-immune cell cross-talk. *Science Translational Medicine*, **2017**, 9,	17.5	50
61	The role of dimethylarginine dimethylaminohydrolase in idiopathic pulmonary fibrosis. *Science Translational Medicine*, **2011**, 3, 87ra53	17.5	50
60	5-HT2B receptor antagonists inhibit fibrosis and protect from RV heart failure. *BioMed Research International*, **2015**, 2015, 438403	3	48
59	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. *Journal of Clinical Investigation*, **2020**, 130, 3560-3575	15.9	46
58	Constitutive Reprogramming of Fibroblast Mitochondrial Metabolism in Pulmonary Hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2016**, 55, 47-57	5.7	45
57	miR-223-IGF-IR signalling in hypoxia- and load-induced right-ventricular failure: a novel therapeutic approach. *Cardiovascular Research*, **2016**, 111, 184-93	9.9	42
56	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. *Circulation Research*, **2017**, 121, 368-375	15.7	41
55	Targeting cyclin-dependent kinases for the treatment of pulmonary arterial hypertension. *Nature Communications*, **2019**, 10, 2204	17.4	39
54	Hypoxic pulmonary hypertension in mice with constitutively active platelet-derived growth factor receptor- *Pulmonary Circulation*, **2011**, 1, 259-68	2.7	38
53	Reprogramming of tumor-associated macrophages by targeting catenin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. *Science Advances*, **2020**, 6, eaaz6105	14.3	35

52	A RASSF1A-HIF1loop drives Warburg effect in cancer and pulmonary hypertension. *Nature Communications*, **2019**, 10, 2130	17.4	34
51	cAMP phosphodiesterase inhibitors increases nitric oxide production by modulating dimethylarginine dimethylaminohydrolases. *Circulation*, **2011**, 123, 1194-204	16.7	34
50	Glycogen synthase kinase 3beta contributes to proliferation of arterial smooth muscle cells in pulmonary hypertension. *PLoS ONE*, **2011**, 6, e18883	3.7	33
49	The soluble guanylate cyclase activator HMR1766 reverses hypoxia-induced experimental pulmonary hypertension in mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2009**, 297, L658-65	5.8	32
48	Iloprost-induced desensitization of the prostacyclin receptor in isolated rabbit lungs. *Respiratory Research*, **2007**, 8, 4	7.3	31
47	Characterization of a murine model of monocrotaline pyrrole-induced acute lung injury. *BMC Pulmonary Medicine*, **2008**, 8, 25	3.5	31
46	Classical IL-6 signaling: a promising therapeutic target for pulmonary arterial hypertension. *Journal of Clinical Investigation*, **2018**, 128, 1720-1723	15.9	31
45	Transcription factors, transcriptional coregulators, and epigenetic modulation in the control of pulmonary vascular cell phenotype: therapeutic implications for pulmonary hypertension (2015 Grover Conference series). *Pulmonary Circulation*, **2016**, 6, 448-464	2.7	31
44	Phosphodiesterase 10A upregulation contributes to pulmonary vascular remodeling. *PLoS ONE*, **2011**, 6, e18136	3.7	30
43	Pulmonary endothelial cell DNA methylation signature in pulmonary arterial hypertension. *Oncotarget*, **2017**, 8, 52995-53016	3.3	30
42	Effects of multikinase inhibitors on pressure overload-induced right ventricular remodeling. *International Journal of Cardiology*, **2013**, 167, 2630-7	3.2	29
41	The role of dimethylarginine dimethylaminohydrolase (DDAH) in pulmonary fibrosis. *Journal of Pathology*, **2013**, 229, 242-9	9.4	29
40	Effects of phosphodiesterase 4 inhibition on bleomycin-induced pulmonary fibrosis in mice. *BMC Pulmonary Medicine*, **2010**, 10, 26	3.5	29
39	Therapeutic potential of KLF2-induced exosomal microRNAs in pulmonary hypertension. *Nature Communications*, **2020**, 11, 1185	17.4	28
38	Effects of anti-inflammatory vagus nerve stimulation on the cerebral microcirculation in endotoxinemic rats. *Journal of Neuroinflammation*, **2012**, 9, 183	10.1	28
37	Hypoxia-inducible factor signaling in pulmonary hypertension. *Journal of Clinical Investigation*, **2020**, 130, 5638-5651	15.9	28
36	Spatial Density and Distribution of Tumor-Associated Macrophages Predict Survival in Non-Small Cell Lung Carcinoma. *Cancer Research*, **2020**, 80, 4414-4425	10.1	27
35	Targeting histone acetylation in pulmonary hypertension and right ventricular hypertrophy. *British Journal of Pharmacology*, **2021**, 178, 54-71	8.6	26

34	Epigenetic mechanisms in pulmonary arterial hypertension: the need for global perspectives. *European Respiratory Review*, **2016**, 25, 135-40	9.8	23
33	A combination hybrid-based vaccination/adoptive cellular therapy to prevent tumor growth by involvement of T cells. *Cancer Research*, **2007**, 67, 5443-53	10.1	23
32	The emerging role of epigenetics in pulmonary hypertension. *European Respiratory Journal*, **2016**, 48, 903-17	13.6	23
31	Effect of nitric oxide synthase (NOS) inhibition on macro- and microcirculation in a model of rat endotoxic shock. *Thrombosis and Haemostasis*, **2006**, 95, 720-727	7	20
30	Genomic Location of PRMT6-Dependent H3R2 Methylation Is Linked to the Transcriptional Outcome of Associated Genes. *Cell Reports*, **2018**, 24, 3339-3352	10.6	18
29	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFR *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 1445-1457	10.2	17
28	Phosphodiesterase 6 subunits are expressed and altered in idiopathic pulmonary fibrosis. *Respiratory Research*, **2010**, 11, 146	7.3	17
27	PAFAH1B1 and the lncRNA NONHSAT073641 maintain an angiogenic phenotype in human endothelial cells. *Acta Physiologica*, **2016**, 218, 13-27	5.6	15
26	Hybrid-primed lymphocytes and hybrid vaccination prevent tumor growth of lewis lung carcinoma in mice. *Journal of Immunotherapy*, **2006**, 29, 175-87	5	12
25	Isoform-specific characterization of class I histone deacetylases and their therapeutic modulation in pulmonary hypertension. *Scientific Reports*, **2020**, 10, 12864	4.9	12
24	Epigenetic silencing of downstream genes mediated by tandem orientation in lung cancer. *Scientific Reports*, **2017**, 7, 3896	4.9	10
23	Metabolism in tumour-associated macrophages: a with the tumour microenvironment. *European Respiratory Review*, **2020**, 29,	9.8	10
22	Tyrosine kinase inhibitors with antiangiogenic properties for the treatment of non-small cell lung cancer. *Expert Opinion on Investigational Drugs*, **2011**, 20, 61-74	5.9	9
21	Restoration of Megalin-Mediated Clearance of Alveolar Protein as a Novel Therapeutic Approach for Acute Lung Injury. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 589-602	5.7	8
20	Effect of nitric oxide synthase (NOS) inhibition on macro- and microcirculation in a model of rat endotoxic shock. *Thrombosis and Haemostasis*, **2006**, 95, 720-7	7	6
19	Vascular Stiffness and Mechanotransduction: Back in the Limelight. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 527-530	10.2	5
18	Potential long-term effects of SARS-CoV-2 infection on the pulmonary vasculature: a global perspective. *Nature Reviews Cardiology*, **2021**,	14.8	5
17	Kinases as potential targets for treatment of pulmonary hypertension and right ventricular dysfunction. *British Journal of Pharmacology*, **2021**, 178, 31-53	8.6	5

16	Fibroblast Growth Factor-14 Acts as Tumor Suppressor in Lung Adenocarcinomas. *Cells*, **2020**, 9,	7.9	4
15	Epigenetic Inactivation of the Tumor Suppressor Occurs Frequently in Lung Adenocarcinoma and Its Silencing Is Associated with Impaired Prognosis. *Cancers*, **2020**, 12,	6.6	3
14	Metastasis-Associated Protein 2 Represses NF-B to Reduce Lung Tumor Growth and Inflammation. *Cancer Research*, **2020**, 80, 4199-4211	10.1	3
13	Noninvasive Surrogate Markers of Pulmonary Hypertension Are Associated with Poor Survival in Patients with Lung Cancer. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 203, 1316-1319	10.2	3
12	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. *European Respiratory Journal*, **2021**, 57,	13.6	3
11	Epigenetic Regulation by in Cardiopulmonary Progenitor Cells Is Required to Prevent Pulmonary Hypertension and Chronic Obstructive Pulmonary Disease. *Circulation*, **2021**, 144, 1042-1058	16.7	3
10	Interferon Regulatory Factor 9 Promotes Lung Cancer Progression via Regulation of Versican. *Cancers*, **2021**, 13,	6.6	2
9	EpiHope for the Treatment of Pulmonary Arterial Hypertension: Selective versus Nonselective BET Inhibition. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 1188-1190	10.2	1
8	Epigenetic Mechanisms in Parenchymal Lung Diseases: Bystanders or Therapeutic Targets?. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
7	Cancer and pulmonary hypertension: Learning lessons and real-life interplay. *Global Cardiology Science & Practice*, **2020**, 2020, e202010	0.7	1
6	Cancer and pulmonary hypertension: Learning lessons and real-life interplay. *Global Cardiology Science & Practice*, **2020**, 2020, e202010	0.7	1
5	Depletion of and in Murine Lung Epithelial Cells Ameliorates Bleomycin-Induced Lung Fibrosis by Inhibiting the Catenin Signaling Pathway. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 639162	5.7	1
4	Exposomes to Exosomes: Exosomes as Tools to Study Epigenetic Adaptive Mechanisms in High-Altitude Humans. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
3	Hidden Treasures: Macrophage Long Non-Coding RNAs in Lung Cancer Progression. *Cancers*, **2021**, 13,	6.6	1
2	Picturing of the Lung Tumor Cellular Composition by Multispectral Flow Cytometry.. *Frontiers in Immunology*, **2022**, 13, 827719	8.4	0
1	Reply to Zheng. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 1113	10.2	