

Manish Mittal

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.

20
papers

3,418
citations

15
h-index

21
g-index

21
ext. papers

4,267
ext. citations

10.7
avg, IF

5.16
L-index

#	Paper	IF	Citations
20	Reactive oxygen species in inflammation and tissue injury. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1126-67	8.4	1984
19	Post-stroke inhibition of induced NADPH oxidase type 4 prevents oxidative stress and neurodegeneration. <i>PLoS Biology</i> , 2010 , 8, e1000479	9.7	324
18	Hypoxia-dependent regulation of nonphagocytic NADPH oxidase subunit NOX4 in the pulmonary vasculature. <i>Circulation Research</i> , 2007 , 101, 258-67	15.7	279
17	Caspase-11-mediated endothelial pyroptosis underlies endotoxemia-induced lung injury. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4124-4135	15.9	185
16	The TWIK2 Potassium Efflux Channel in Macrophages Mediates NLRP3 Inflammasome-Induced Inflammation. <i>Immunity</i> , 2018 , 49, 56-65.e4	32.3	134
15	HIF2 β signaling inhibits adherens junctional disruption in acute lung injury. <i>Journal of Clinical Investigation</i> , 2015 , 125, 652-64	15.9	85
14	TNF β -stimulated gene-6 (TSG6) activates macrophage phenotype transition to prevent inflammatory lung injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8151-E8158	11.5	84
13	Hypoxia induces Kv channel current inhibition by increased NADPH oxidase-derived reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 1033-42	7.8	60
12	Cooperative interaction of trp melastatin channel transient receptor potential (TRPM2) with its splice variant TRPM2 short variant is essential for endothelial cell apoptosis. <i>Circulation Research</i> , 2014 , 114, 469-79	15.7	46
11	STAT6 induces expression of Gas6 in macrophages to clear apoptotic neutrophils and resolve inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16513-16518	11.5	41
10	Neutrophil Activation of Endothelial Cell-Expressed TRPM2 Mediates Transendothelial Neutrophil Migration and Vascular Injury. <i>Circulation Research</i> , 2017 , 121, 1081-1091	15.7	40
9	Heme oxygenase-2 and large-conductance Ca ²⁺ -activated K ⁺ channels: lung vascular effects of hypoxia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 353-64	10.2	34
8	The soluble guanylate cyclase activator HMR1766 reverses hypoxia-induced experimental pulmonary hypertension in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 297, L658-65	5.8	32
7	Novel role of reactive oxygen species-activated Trp melastatin channel-2 in mediating angiogenesis and postischemic neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 877-879.4	9.4	31
6	Integrin β ₁ Expressed in ESCs Instructs the Differentiation to Endothelial Cells. <i>Stem Cells</i> , 2015 , 33, 1719-29	5.8	23
5	Deubiquitinase function of A20 maintains and repairs endothelial barrier after lung vascular injury. <i>Cell Death Discovery</i> , 2018 , 4, 60	6.9	14
4	PAR1 Scaffolds TGF β II to Downregulate TGF β -Signaling and Activate ESC Differentiation to Endothelial Cells. <i>Stem Cell Reports</i> , 2016 , 7, 1050-1058	8	13

3	Proprietary management and higher readmission rates: A correlation. <i>PLoS ONE</i> , 2018 , 13, e0204272	3.7	8
2	Response by Mittal et al to Letter Regarding Article, "Neutrophil Activation of Endothelial Cell-Expressed TRPM2 Mediates Transendothelial Neutrophil Migration and Vascular Injury". <i>Circulation Research</i> , 2017 , 121, e87	15.7	1
1	ROS Sensitive Calcium Channel TRPM2 Regulates VEGF Induced Angiogenesis. <i>FASEB Journal</i> , 2012 , 26, 670.4	0.9	