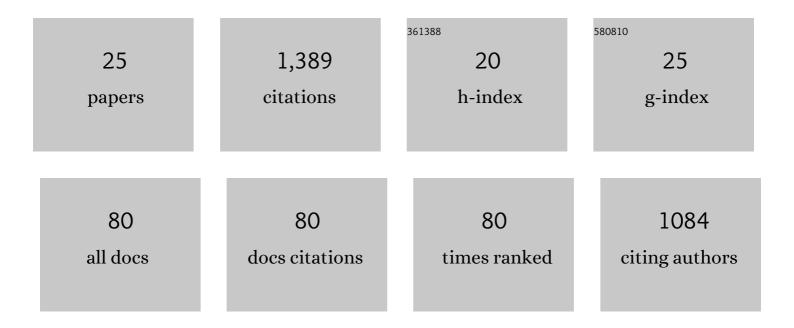
Mathur S Kannan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8916099/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	CD38â€cyclic ADPâ€riboseâ€mediated Ca2+signaling contributes to airway smooth muscle hyperresponsiveness. FASEB Journal, 2003, 17, 1-25.	0.5	159
2	ILâ€13 enhances agonistâ€evoked calcium signals and contractile responses in airway smooth muscle. British Journal of Pharmacology, 2003, 140, 1159-1162.	5.4	150
3	Modulation of Calcium Signaling by Interleukin-13 in Human Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 36-42.	2.9	135
4	CD38/cyclic ADP-ribose signaling: role in the regulation of calcium homeostasis in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L773-L788.	2.9	121
5	miR-140-3p regulation of TNF-α-induced CD38 expression in human airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L460-L468.	2.9	92
6	Altered Airway Responsiveness in CD38-Deficient Mice. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 149-156.	2.9	74
7	CD38-deficient mice have reduced airway hyperresponsiveness following IL-13 challenge. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L1286-L1293.	2.9	68
8	Transcriptional regulation of CD38 expression by tumor necrosis factorâ€Î± in human airway smooth muscle cells: role of NFâ€IºB and sensitivity to glucocorticoids. FASEB Journal, 2006, 20, 1000-1002.	0.5	67
9	Role of CD38 in TNF-α-induced airway hyperresponsiveness. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L290-L299.	2.9	52
10	MicroRNA-708 regulates CD38 expression through signaling pathways JNK MAP kinase and PTEN/AKT in human airway smooth muscle cells. Respiratory Research, 2014, 15, 107.	3.6	51
11	Inhaled granulocyte–macrophage colony-stimulating factor for <i>Mycobacterium abscessus</i> in cystic fibrosis. European Respiratory Journal, 2018, 51, 1702127.	6.7	45
12	Regulation of the cd38 promoter in human airway smooth muscle cells by TNF-α and dexamethasone. Respiratory Research, 2008, 9, 26.	3.6	42
13	CD38 and airway hyper-responsiveness: studies on human airway smooth muscle cells and mouse models. Canadian Journal of Physiology and Pharmacology, 2015, 93, 145-153.	1.4	40
14	Glucocorticoid regulation of CD38 expression in human airway smooth muscle cells: role of dual specificity phosphatase 1. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L186-L193.	2.9	38
15	Differential induction of CD38 expression by TNF-α in asthmatic airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L879-L890.	2.9	38
16	Regulation of CD38 Expression in Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 427-435.	2.9	35
17	MicroRNA Mediated Chemokine Responses in Human Airway Smooth Muscle Cells. PLoS ONE, 2016, 11, e0150842.	2.5	31
18	Estrogen Increases CD38 Gene Expression and Leads to Differential Regulation of Adenosine Diphosphate (ADP)-Ribosyl Cyclase and Cyclic ADP-Ribose Hydrolase Activities in Rat Myometrium1. Biology of Reproduction, 2002, 66, 596-602.	2.7	29

Mathur S Kannan

#	Article	IF	CITATIONS
19	Adenoviral mediated anti-sense CD38 attenuates TNF-α-induced changes in calcium homeostasis of human airway smooth muscle cells. Canadian Journal of Physiology and Pharmacology, 2005, 83, 799-804.	1.4	23
20	Regulation of CD38 expression and function by steroid hormones in myometrium. Molecular and Cellular Endocrinology, 2006, 246, 101-106.	3.2	22
21	CD38/cADPR Signaling Pathway in Airway Disease: Regulatory Mechanisms. Mediators of Inflammation, 2018, 2018, 1-10.	3.0	21
22	Changes in CD38 Expression and ADP-Ribosyl Cyclase Activity in Rat Myometrium During Pregnancy: Influence of Sex Steroid Hormones1. Biology of Reproduction, 2004, 71, 97-103.	2.7	19
23	Airway responsiveness in CD38-deficient mice in allergic airway disease: studies with bone marrow chimeras. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L485-L493.	2.9	18
24	Role of CD38/cADPR signaling in obstructive pulmonary diseases. Current Opinion in Pharmacology, 2020, 51, 29-33.	3.5	14
25	Novel Pathway of Adenosine Generation in the Lungs from NAD+: Relevance to Allergic Airway Disease. Molecules, 2020, 25, 4966.	3.8	5