

Mathur S Kannan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,389
citations

361388

20
h-index

580810

25
g-index

80
all docs

80
docs citations

80
times ranked

1084
citing authors

#	ARTICLE	IF	CITATIONS
1	CD38/cyclic ADP-ribose-mediated Ca ²⁺ signaling contributes to airway smooth muscle hyperresponsiveness. <i>FASEB Journal</i> , 2003, 17, 1-25.	0.5	159
2	IL-13 enhances agonist-evoked calcium signals and contractile responses in airway smooth muscle. <i>British Journal of Pharmacology</i> , 2003, 140, 1159-1162.	5.4	150
3	Modulation of Calcium Signaling by Interleukin-13 in Human Airway Smooth Muscle. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 36-42.	2.9	135
4	CD38/cyclic ADP-ribose signaling: role in the regulation of calcium homeostasis in airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L773-L788.	2.9	121
5	miR-140-3p regulation of TNF- α -induced CD38 expression in human airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L460-L468.	2.9	92
6	Altered Airway Responsiveness in CD38-Deficient Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 149-156.	2.9	74
7	CD38-deficient mice have reduced airway hyperresponsiveness following IL-13 challenge. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L1286-L1293.	2.9	68
8	Transcriptional regulation of CD38 expression by tumor necrosis factor- α in human airway smooth muscle cells: role of NF- κ B and sensitivity to glucocorticoids. <i>FASEB Journal</i> , 2006, 20, 1000-1002.	0.5	67
9	Role of CD38 in TNF- α -induced airway hyperresponsiveness. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 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. <i>Respiratory Research</i> , 2014, 15, 107.	3.6	51
11	Inhaled granulocyte macrophage colony-stimulating factor for <i>Mycobacterium abscessus</i> in cystic fibrosis. <i>European Respiratory Journal</i> , 2018, 51, 1702127.	6.7	45
12	Regulation of the cd38 promoter in human airway smooth muscle cells by TNF- α and dexamethasone. <i>Respiratory Research</i> , 2008, 9, 26.	3.6	42
13	CD38 and airway hyper-responsiveness: studies on human airway smooth muscle cells and mouse models. <i>Canadian Journal of Physiology and Pharmacology</i> , 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. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L186-L193.	2.9	38
15	Differential induction of CD38 expression by TNF- α in asthmatic airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L879-L890.	2.9	38
16	Regulation of CD38 Expression in Human Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 427-435.	2.9	35
17	MicroRNA Mediated Chemokine Responses in Human Airway Smooth Muscle Cells. <i>PLoS ONE</i> , 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. <i>Biology of Reproduction</i> , 2002, 66, 596-602.	2.7	29

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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 Hormones. 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