Dilip Shah

List of Publications by Year
in descending order

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36 papers	1,433 citations	361413 20 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	2494 citing authors

#	Article	IF	Citations
1	A Cysteine Variant at an Allosteric Site Alters MIF Dynamics and Biological Function in Homo- and Heterotrimeric Assemblies. Frontiers in Molecular Biosciences, 2022, 9, 783669.	3.5	3
2	Redox-dependent structure and dynamics of macrophage migration inhibitory factor reveal sites of latent allostery. Structure, 2022, 30, 840-850.e6.	3.3	7
3	A structurally preserved allosteric site in the MIF superfamily affects enzymatic activity and CD74 activation in Dâ€dopachrome tautomerase. FASEB Journal, 2022, 36, .	0.5	1
4	Î±1,3-Fucosyltransferase-IX, an enzyme of pulmonary endogenous lung stem cell marker SSEA-1, alleviates experimental bronchopulmonary dysplasia. Pediatric Research, 2021, 89, 1126-1135.	2.3	4
5	Adiponectin ameliorates hyperoxia-induced lung endothelial dysfunction and promotes angiogenesis in neonatal mice. Pediatric Research, 2021, , .	2.3	4
6	A structurally preserved allosteric site in the MIF superfamily affects enzymatic activity and CD74 activation in D-dopachrome tautomerase. Journal of Biological Chemistry, 2021, 297, 101061.	3.4	7
7	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. Journal of Perinatology, 2020, 40, 1634-1643.	2.0	27
8	miR-184 mediates hyperoxia-induced injury by targeting cell death and angiogenesis signalling pathways in the developing lung. European Respiratory Journal, 2020, 58, 1901789.	6.7	8
9	Inhibition of microRNA-451 is associated with increased expression of Macrophage Migration Inhibitory Factor and mitigation of the cardio-pulmonary phenotype in a murine model of Bronchopulmonary Dysplasia. Respiratory Research, 2020, 21, 92.	3.6	19
10	Adiponectin deficiency induces mitochondrial dysfunction and promotes endothelial activation and pulmonary vascular injury. FASEB Journal, 2019, 33, 13617-13631.	0.5	20
11	MicroRNA-34a Promotes Endothelial Dysfunction and Mitochondrial-mediated Apoptosis in Murine Models of Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 465-477.	2.9	29
12	TREM-1 Attenuates RIPK3-mediated Necroptosis in Hyperoxia-induced Lung Injury in Neonatal Mice. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 308-322.	2.9	23
13	Lipid Synthesis Is Required to Resolve Endoplasmic Reticulum Stress and Limit Fibrotic Responses in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 225-236.	2.9	48
14	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie - International Edition, 2018, 57, 7116-7119.	13.8	32
15	Mitochondrial Dysfunction in Bronchopulmonary Dysplasia. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1363-1363.	5.6	5
16	Nanosecond Dynamics Regulate the MIFâ€Induced Activity of CD74. Angewandte Chemie, 2018, 130, 7234-7237.	2.0	2
17	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. Cell Stress, 2018, 2, 34-36.	3.2	4
18	Obesity-Induced Endoplasmic Reticulum Stress Causes Lung Endothelial Dysfunction and Promotes Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 204-215.	2.9	38

#	Article	IF	Citations
19	Ultraviolet Radiations: Skin Defense-Damage Mechanism. Advances in Experimental Medicine and Biology, 2017, 996, 71-87.	1.6	153
20	Crosstalk Between Oxidative Stress, Autophagy and Cell Death â€" Pathogenesis of Autoimmune Disease. , 2015, , .		1
21	C1q Deficiency Promotes Pulmonary Vascular Inflammation and Enhances the Susceptibility of the Lung Endothelium to Injury. Journal of Biological Chemistry, 2015, 290, 29642-29651.	3.4	19
22	A Pneumocyteâ€"Macrophage Paracrine Lipid Axis Drives the Lung toward Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 74-86.	2.9	113
23	Plasma Adiponectin, Clinical Factors, and Patient Outcomes during the Acute Respiratory Distress Syndrome. PLoS ONE, 2014, 9, e108561.	2.5	11
24	GLUTATHIONE: A POSSIBLE LINK TO AUTOPHAGY IN SYSTEMIC LUPUS ERYTHEMATOSUS. American Journal of Immunology, 2014, 10, 114-115.	0.1	2
25	Extracellular ATP mediates the late phase of neutrophil recruitment to the lung in murine models of acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L152-L161.	2.9	56
26	Oxidative stress and its biomarkers in systemic lupus erythematosus. Journal of Biomedical Science, 2014, 21, 23.	7.0	156
27	A micro-sterile inflammation array as an adjuvant for influenza vaccines. Nature Communications, 2014, 5, 4447.	12.8	56
28	An update on the use of laser technology in skin vaccination. Expert Review of Vaccines, 2013, 12, 1313-1323.	4.4	28
29	Interaction between glutathione and apoptosis in systemic lupus erythematosus. Autoimmunity Reviews, 2013, 12, 741-751.	5.8	47
30	Altered redox state and apoptosis in the pathogenesis of systemic lupus erythematosus. Immunobiology, 2013, 218, 620-627.	1.9	39
31	Cavin1; a Regulator of Lung Function and Macrophage Phenotype. PLoS ONE, 2013, 8, e62045.	2.5	25
32	Facilitation of transcutaneous drug delivery and vaccine immunization by a safe laser technology. Journal of Controlled Release, 2012, 159, 43-51.	9.9	102
33	Interaction between oxidative stress and chemokines: Possible pathogenic role in systemic lupus erythematosus and rheumatoid arthritis. Immunobiology, 2011, 216, 1010-1017.	1.9	107
34	Association between T lymphocyte sub-sets apoptosis and peripheral blood mononuclear cells oxidative stress in systemic lupus erythematosus. Free Radical Research, 2011, 45, 559-567.	3.3	62
35	Soluble granzyme B and cytotoxic T lymphocyte activity in the pathogenesis of systemic lupus erythematosus. Cellular Immunology, 2011, 269, 16-21.	3.0	21
36	Oxidative stress in systemic lupus erythematosus: Relationship to Th1 cytokine and disease activity. Immunology Letters, 2010, 129, 7-12.	2.5	86