Jessy S Deshane

List of Publications by Year
in descending order

59 papers	2,963 citations	257450 24 h-index	175258 52 g-index
65 all docs	65 docs citations	65 times ranked	5030 citing authors

#	Article	IF	Citations
1	Metformin reverses established lung fibrosis in a bleomycin model. Nature Medicine, 2018, 24, 1121-1127.	30.7	411
2	Macrophage Akt1 Kinase-Mediated Mitophagy Modulates Apoptosis Resistance and Pulmonary Fibrosis. Immunity, 2016, 44, 582-596.	14.3	276
3	Stromal cellâ€“derived factor 1 promotes angiogenesis via a heme oxygenase 1â€“dependent mechanism. Journal of Experimental Medicine, 2007, 204, 605-618.	8.5	246
4	Airway Remodeling in Asthma. Frontiers in Medicine, 2020, 7, 191.	2.6	194
5	Neutrophils Produce Interleukin 17A (IL-17A) in a Dectin-1- and IL-23-Dependent Manner during Invasive Fungal Infection. Infection and Immunity, 2011, 79, 3966-3977.	2.2	156
6	Exosomal transfer of mitochondria from airway myeloid-derived regulatory cells to T cells. Redox Biology, 2018, 18, 54-64.	9.0	130
7	Lung Tumor Cell-Derived Exosomes Promote M2 Macrophage Polarization. Cells, 2020, 9, 1303.	4.1	123
8	AMPâ€activated protein kinase enhances the phagocytic ability of macrophages and neutrophils. FASEB Journal, 2011, 25, 4358-4368.	0.5	113
9	Myeloid-Derived Suppressor Cells Impair B Cell Responses in Lung Cancer through IL-7 and STAT5. Journal of Immunology, 2018, 201, 278-295.	0.8	89
10	Activation of AMPK Enhances Neutrophil Chemotaxis and Bacterial Killing. Molecular Medicine, 2013, 19, 387-398.	4.4	87
11	Unique Lipid Signatures of Extracellular Vesicles from the Airways of Asthmatics. Scientific Reports, 2018, 8, 10340.	3.3	86
12	Enhancement of Antitumor Immunity in Lung Cancer by Targeting Myeloid-Derived Suppressor Cell Pathways. Cancer Research, 2013, 73, 6609-6620.	0.9	75
13	Fibronectin on the Surface of Extracellular Vesicles Mediates Fibroblast Invasion. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 279-288.	2.9	68
14	Indoleamine 2,3-dioxygenase regulates anti-tumor immunity in lung cancer by metabolic reprogramming of immune cells in the tumor microenvironment. Oncotarget, 2016, 7, 75407-75424.	1.8	66
15	Moving immune therapy forward targeting tme. Physiological Reviews, 2021, 101, 417-425.	28.8	62
16	Streptococcus pneumoniae in the heart subvert the host response through biofilm-mediated resident macrophage killing. PLoS Pathogens, 2017, 13, e1006582.	4.7	62
17	Sp1 Regulates Chromatin Looping between an Intronic Enhancer and Distal Promoter of the Human Heme Oxygenase-1 Gene in Renal Cells. Journal of Biological Chemistry, 2010, 285, 16476-16486.	3.4	59
18	Unfolded protein response (UPR) signaling regulates arsenic trioxide-mediated macrophage innate immune function disruption. Toxicology and Applied Pharmacology, 2013, 272, 879-887.	2.8	55

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19	SOCS3 Deficiency in Myeloid Cells Promotes Tumor Development: Involvement of STAT3 Activation and Myeloid-Derived Suppressor Cells. Cancer Immunology Research, 2015, 3, 727-740.	3.4	54
20	AMP-Activated Protein Kinase and Glycogen Synthase Kinase 3Î² Modulate the Severity of Sepsis-induced Lung injury. Molecular Medicine, 2015, 21, 937-950.	4.4	50
21	Metabolic and functional reprogramming of myeloid-derived suppressor cells and their therapeutic control in glioblastoma. Cell Stress, 2019, 3, 47-65.	3.2	50
22	Microanatomic Distribution of Myeloid Heme Oxygenase-1 Protects against Free Radical-Mediated Immunopathology in Human Tuberculosis. Cell Reports, 2018, 25, 1938-1952.e5.	6.4	34
23	Prostate cancer-derived cathelicidin-related antimicrobial peptide facilitates macrophage differentiation and polarization of immature myeloid progenitors to protumorigenic macrophages. Prostate, 2016, 76, 624-636.	2.3	32
24	Restoration of SIRT3 gene expression by airway delivery resolves age-associated persistent lung fibrosis in mice. Nature Aging, 2021, 1, 205-217.	11.6	32
25	Heme oxygenase-1 expression in disease states. Acta Biochimica Polonica, 2005, 52, 273-84.	0.5	32
26	Mechanical strain induces phenotypic changes in breast cancer cells and promotes immunosuppression in the tumor microenvironment. Laboratory Investigation, 2020, 100, 1503-1516.	3.7	27
27	Subsets of airway myeloid-derived regulatory cells distinguish mild asthma from chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2015, 135, 413-424.e15.	2.9	25
28	Extracellular Vesicles as Mediators of Cellular Cross Talk in the Lung Microenvironment. Frontiers in Medicine, 2020, 7, 326.	2.6	24
29	Elevated levels of NO are localized to distal airways in asthma. Free Radical Biology and Medicine, 2011, 50, 1679-1688.	2.9	20
30	Differences in airway microbiome and metabolome of single lung transplant recipients. Respiratory Research, 2020, 21, 104.	3.6	19
31	Distal airway microbiome is associated with immunoregulatory myeloid cell responses in lung transplant recipients. Journal of Heart and Lung Transplantation, 2018, 37, 206-216.	0.6	16
32	Targeting the effector domain of the myristoylated alanine rich C-kinase substrate enhances lung cancer radiation sensitivity. International Journal of Oncology, 2015, 46, 1079-1088.	3.3	14
33	Ozoneâ€induced changes in the murine lung extracellular vesicle small RNA landscape. Physiological Reports, 2021, 9, e15054.	1.7	14
34	The Innate Lymphoid System Is a Critical Player in the Manifestation of Mucoinflammatory Airway Disease in Mice. Journal of Immunology, 2020, 205, 1695-1708.	0.8	13
35	Inhibition of Necroptosis to Prevent Long-term Cardiac Damage During Pneumococcal Pneumonia and Invasive Disease. Journal of Infectious Diseases, 2020, 222, 1882-1893.	4.0	13
36	Divergent Regulation of Alveolar Type 2 Cell and Fibroblast Apoptosis by Plasminogen Activator Inhibitor 1 in Lung Fibrosis. American Journal of Pathology, 2021, 191, 1227-1239.	3.8	13

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37	Sphingolipids in Lung Pathology in the Coronavirus Disease Era: A Review of Sphingolipid Involvement in the Pathogenesis of Lung Damage. Frontiers in Physiology, 2021, 12, 760638.	2.8	13
38	Activating transcription factor 4 underlies the pathogenesis of arsenic trioxide-mediated impairment of macrophage innate immune functions. Toxicology and Applied Pharmacology, 2016, 308, 46-58.	2.8	10
39	PcpA Promotes Higher Levels of Infection and Modulates Recruitment of Myeloid-Derived Suppressor Cells during Pneumococcal Pneumonia. Journal of Immunology, 2016, 196, 2239-2248.	0.8	9
40	Follicular Dendritic Cell Makes Environmental Sense. Immunity, 2010, 33, 2-4.	14.3	8
41	Therapeutic potential of an orally effective small molecule inhibitor of plasminogen activator inhibitor for asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L328-L336.	2.9	8
42	Extracellular Vesicle Mediated Tumor-Stromal Crosstalk Within an Engineered Lung Cancer Model. Frontiers in Oncology, 2021, 11, 654922.	2.8	8
43	Indoleamine 2, 3-Dioxygenase Promotes Aryl Hydrocarbon Receptor-Dependent Differentiation Of Regulatory B Cells in Lung Cancer. Frontiers in Immunology, 2021, 12, 747780.	4.8	8
44	Cutting edge approaches for rapid characterization of airway exosomes. Methods, 2020, 177, 27-34.	3.8	7
45	Computational Simulation of Exosome Transport in Tumor Microenvironment. Frontiers in Medicine, 2021, 8, 643793.	2.6	7
46	Exposure to cigarette smoke impacts myeloid-derived regulatory cell function and exacerbates airway hyper-responsiveness. Laboratory Investigation, 2014, 94, 1312-1325.	3.7	6
47	Advances in molecular pathogenesis of hidradenitis suppurativa: Dysregulated keratins and ECM signaling. Seminars in Cell and Developmental Biology, 2022, 128, 120-129.	5.0	5
48	The dual targeting of immunosuppressive cells and oxidants promotes effector and memory T-cell functions against lung cancer. OncoImmunology, 2014, 3, e27401.	4.6	4
49	RANKL-Targeted Combination Therapy with Osteoprotegerin Variant Devoid of TRAIL Binding Exerts Biphasic Effects on Skeletal Remodeling and Antitumor Immunity. Molecular Cancer Therapeutics, 2020, 19, 2585-2597.	4.1	3
50	Extracellular Vesicles: Bidirectional Accelerators of Cellular Senescence in Fibrosis?. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 547-548.	2.9	3
51	Obesity induces limited changes to systemic and local immune profiles in treatment-naive human clear cell renal cell carcinoma. PLoS ONE, 2020, 15, e0233795.	2.5	3
52	Ex Vivo Culture Models of Hidradenitis Suppurativa for Defining Molecular Pathogenesis and Treatment Efficacy of Novel Drugs. Inflammation, 2022, 45, 1388-1401.	3.8	2
53	â€œStick a Fork in Me, Iâ€™m Doneâ€: Epithelial Cell Expression of ORDML3 Mediates Autophagic Cell Death. American Journal of Respiratory Cell and Molecular Biology, 2022, , .	2.9	1
54	A conserved aromatic moiety in the ectodomain is a key determinant for structural integrity and protein trafficking of TNFR superfamily. FASEB Journal, 2020, 34, 15687-15700.	0.5	0

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55	Modulation of indoleamine 2,3â€dioxygenase pathway by a combination therapy strategy targeting myeloid derived suppressor cell function in lung cancer. FASEB Journal, 2013, 27, 1105.25.	0.5	0
56	Title is missing!. , 2020, 15, e0233795.		0
57	Title is missing!. , 2020, 15, e0233795.		0
58	Title is missing!. , 2020, 15, e0233795.		0
59	Title is missing!. , 2020, 15, e0233795.		0