Harry Karmouty-Quintana

List of Publications by Year
in descending order

86 papers	3,815 citations	156536 32 h-index	156644 58 g-index
89 all docs	89 docs citations	89 times ranked	6411 citing authors

#	Article	IF	Citations
1	Transcriptomic and Epigenetic Profiling of Fibroblasts in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 53-63.	1.4	12
2	Emerging roles of alternative cleavage and polyadenylation (APA) in human disease. Journal of Cellular Physiology, 2022, 237, 149-160.	2.0	10
3	OUP accepted manuscript. Stem Cells Translational Medicine, 2022, 11, 178-188.	1.6	0
4	Cleavage stimulating factor 64 depletion mitigates cardiac fibrosis through alternative polyadenylation. Biochemical and Biophysical Research Communications, 2022, 597, 109-114.	1.0	3
5	Cover Image, Volume 237, Number 1, January 2022. Journal of Cellular Physiology, 2022, 237, .	2.0	0
6	ADAM8 signaling drives neutrophil migration and ARDS severity. JCI Insight, 2022, 7, .	2.3	18
7	Neonatal rodent ventilation and clinical correlation in congenital diaphragmatic hernia. Pediatric Pulmonology, 2022, 57, 1600-1607.	1.0	2
8	Sine oculis homeobox homolog 1 plays a critical role in pulmonary fibrosis. JCI Insight, 2022, 7, .	2.3	4
9	SARS-CoV-2 Infection: Host Response, Immunity, and Therapeutic Targets. Inflammation, 2022, 45, 1430-1449.	1.7	16
10	3â€™UTR shortening of HAS2 promotes hyaluronan hyper-synthesis and bioenergetic dysfunction in pulmonary hypertension. Matrix Biology, 2022, 111, 53-75.	1.5	4
11	Biochemical, biophysical, and immunological characterization of respiratory secretions in severe SARS-CoV-2 infections. JCI Insight, 2022, 7, .	2.3	16
12	Mucins MUC5AC and MUC5B Are Variably Packaged in the Same and in Separate Secretory Granules. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1081-1095.	2.5	10
13	Idiopathic pulmonary fibrosis and pulmonary hypertension: Heracles meets the Hydra. British Journal of Pharmacology, 2021, 178, 172-186.	2.7	20
14	Singleâ€cell RNA sequencing analysis of SARSâ€CoVâ€2 entry receptors in human organoids. Journal of Cellular Physiology, 2021, 236, 2950-2958.	2.0	19
15	Enhancing Extracellular Adenosine Levels Restores Barrier Function in Acute Lung Injury Through Expression of Focal Adhesion Proteins. Frontiers in Molecular Biosciences, 2021, 8, 636678.	1.6	17
16	Versatile workflow for cell typeâ€"resolved transcriptional and epigenetic profiles from cryopreserved human lung. JCI Insight, 2021, 6, .	2.3	8
17	SARSâ€"CoV-2 Mediated Hyperferritinemia and Cardiac Arrest: Preliminary Insights. Drug Discovery Today, 2021, 26, 1265-1274.	3.2	4
18	Mst1/2 kinases restrain transformation in a novel transgenic model of Ras driven non-small cell lung cancer. Oncogene, 2020, 39, 1152-1164.	2.6	12

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19	Emerging Mechanisms of Pulmonary Vasoconstriction in SARS-CoV-2-Induced Acute Respiratory Distress Syndrome (ARDS) and Potential Therapeutic Targets. International Journal of Molecular Sciences, 2020, 21, 8081.	1.8	44
20	Understanding the age divide in COVID-19: why are children overwhelmingly spared?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L39-L44.	1.3	80
21	Regenerative Metaplastic Clones in COPD Lung Drive Inflammation and Fibrosis. Cell, 2020, 181, 848-864.e18.	13.5	94
22	Mechanisms of Pulmonary Hypertension in Acute Respiratory Distress Syndrome (ARDS). Frontiers in Molecular Biosciences, 2020, 7, 624093.	1.6	22
23	The case for chronotherapy in Covidâ€19â€induced acute respiratory distress syndrome. British Journal of Pharmacology, 2020, 177, 4845-4850.	2.7	20
24	Crystal Deposits in Macrophages and Distal Lung Remodeling: A Tale of Aging in SFTPC-Deficient Mice. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 405-406.	1.4	2
25	Transforming growth factor Î²1 alters the 3â€²-UTR of mRNA to promote lung fibrosis. Journal of Biological Chemistry, 2019, 294, 15781-15794.	1.6	8
26	Alterations in cardiovascular function in an experimental model of lung fibrosis and pulmonary hypertension. Experimental Physiology, 2019, 104, 568-579.	0.9	5
27	Adenosine and hyaluronan promote lung fibrosis and pulmonary hypertension in combined pulmonary fibrosis and emphysema. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	31
28	Twik-2^{â^'/â^'} mouse demonstrates pulmonary vascular heterogeneity in intracellular pathways for vasocontractility. Physiological Reports, 2019, 7, e13950.	0.7	7
29	Cleavage factor 25 deregulation contributes to pulmonary fibrosis through alternative polyadenylation. Journal of Clinical Investigation, 2019, 129, 1984-1999.	3.9	47
30	Comprehensive Characterization of Alternative Polyadenylation in Human Cancer. Journal of the National Cancer Institute, 2018, 110, 379-389.	3.0	111
31	Transforming Growth Factor-Î² and Bone Morphogenetic Protein 2 Regulation of MicroRNA-200 Family in Chronic Pancreatitis. Pancreas, 2018, 47, 252-256.	0.5	8
32	Editorial: Molecular Mechanisms in Pulmonary Hypertension and Right Ventricle Dysfunction. Frontiers in Physiology, 2018, 9, 1777.	1.3	1
33	Lowâ€dose administration of bleomycin leads to early alterations in lung mechanics. Experimental Physiology, 2018, 103, 1692-1703.	0.9	22
34	The Antifibrotic Effect of A_{2B} Adenosine Receptor Antagonism in a Mouse Model of Dermal Fibrosis. Arthritis and Rheumatology, 2018, 70, 1673-1684.	2.9	17
35	Switching-Off Adora2b in Vascular Smooth Muscle Cells Halts the Development of Pulmonary Hypertension. Frontiers in Physiology, 2018, 9, 555.	1.3	21
36	Nanotherapeutics for Treatment of Pulmonary Arterial Hypertension. Frontiers in Physiology, 2018, 9, 890.	1.3	23

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37	Small molecule disruption of G protein Î²Î³ subunit signaling reprograms human macrophage phenotype and prevents autoimmune myocarditis in rats. PLoS ONE, 2018, 13, e0200697.	1.1	11
38	Coordination of ENT2-dependent adenosine transport and signaling dampens mucosal inflammation. JCI Insight, 2018, 3, .	2.3	51
39	Erythrocytes retain hypoxic adenosine response for faster acclimatization upon re-ascent. Nature Communications, 2017, 8, 14108.	5.8	81
40	Use of airway epithelial cell culture to unravel the pathogenesis and study treatment in obstructive airway diseases. Pulmonary Pharmacology and Therapeutics, 2017, 45, 101-113.	1.1	39
41	Rapamycin nanoparticles localize in diseased lung vasculature and prevent pulmonary arterial hypertension. International Journal of Pharmaceutics, 2017, 524, 257-267.	2.6	31
42	Inhibition of hyaluronan synthesis attenuates pulmonary hypertension associated with lung fibrosis. British Journal of Pharmacology, 2017, 174, 3284-3301.	2.7	52
43	Loss of CD73-mediated extracellular adenosine production exacerbates inflammation and abnormal alveolar development in newborn mice exposed to prolonged hyperoxia. Pediatric Research, 2017, 82, 1039-1047.	1.1	10
44	HIF1A upâ€regulates the ADORA2B receptor on alternatively activated macrophages and contributes to pulmonary fibrosis. FASEB Journal, 2017, 31, 4745-4758.	0.2	63
45	P2Y6 Receptor Activation Promotes Inflammation and Tissue Remodeling in Pulmonary Fibrosis. Frontiers in Immunology, 2017, 8, 1028.	2.2	27
46	Pulmonary Hypertension Associated with Idiopathic Pulmonary Fibrosis: Current and Future Perspectives. Canadian Respiratory Journal, 2017, 2017, 1-12.	0.8	61
47	The purinergic receptor subtype P2Y2 mediates chemotaxis of neutrophils and fibroblasts in fibrotic lung disease. Oncotarget, 2017, 8, 35962-35972.	0.8	28
48	Sustained Elevated Adenosine via ADORA2B Promotes Chronic Pain through Neuro-immune Interaction. Cell Reports, 2016, 16, 106-119.	2.9	61
49	Beneficial Role of Erythrocyte Adenosine A2B Receptorâ€"Mediated AMP-Activated Protein Kinase Activation in High-Altitude Hypoxia. Circulation, 2016, 134, 405-421.	1.6	115
50	Macrophage bone morphogenic protein receptor 2 depletion in idiopathic pulmonary fibrosis and Group III pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L238-L254.	1.3	67
51	Altered Hypoxicâ€"Adenosine Axis and Metabolism in Group III Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 574-583.	1.4	41
52	Extracellular Adenosine Production by ecto-5â€²-Nucleotidase (CD73) Enhances Radiation-Induced Lung Fibrosis. Cancer Research, 2016, 76, 3045-3056.	0.4	60
53	Extracellular adenosine levels are associated with the progression and exacerbation of pulmonary fibrosis. FASEB Journal, 2016, 30, 874-883.	0.2	38
54	STATâ€3 contributes to pulmonary fibrosis through epithelial injury and fibroblastâ€myofibroblast differentiation. FASEB Journal, 2016, 30, 129-140.	0.2	142

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55	Alveolar Epithelial A2B Adenosine Receptors in Pulmonary Protection during Acute Lung Injury. Journal of Immunology, 2015, 195, 1815-1824.	0.4	80
56	Deletion of ADORA2B from myeloid cells dampens lung fibrosis and pulmonary hypertension. FASEB Journal, 2015, 29, 50-60.	0.2	66
57	Blockade of IL-6 <i>Trans</i> Signaling Attenuates Pulmonary Fibrosis. Journal of Immunology, 2014, 193, 3755-3768.	0.4	247
58	Effect of antigen sensitization and challenge on oscillatory mechanics of the lung and pulmonary inflammation in obese carboxypeptidase E-deficient mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R621-R633.	0.9	19
59	Hypoxia-induced Deoxycytidine Kinase Contributes to Epithelial Proliferation in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1402-1412.	2.5	48
60	Adenosine promotes vascular barrier function in hyperoxic lung injury. Physiological Reports, 2014, 2, e12155.	0.7	29
61	Muc5b is required for airway defence. Nature, 2014, 505, 412-416.	13.7	617
62	Adenosine A2B Receptor and Hyaluronan Modulate Pulmonary Hypertension Associated with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 1038-1047.	1.4	61
63	Adenosine signaling during acute and chronic disease states. Journal of Molecular Medicine, 2013, 91, 173-181.	1.7	114
64	Hypoxiaâ€induced deoxycytidine kinase expression contributes to apoptosis in chronic lung disease. FASEB Journal, 2013, 27, 2013-2026.	0.2	28
65	Adenosine Is A Common Factor Regulating Erythrocyte 2,3-Bisphosphate Induction In Normal Individuals At High Altitude and In Patients With Sickle Cell Disease. Blood, 2013, 122, 952-952.	0.6	2
66	Treatment with a sphingosine-1-phosphate analog inhibits airway remodeling following repeated allergen exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L736-L745.	1.3	26
67	The A _{2B} adenosine receptor modulates pulmonary hypertension associated with interstitial lung disease. FASEB Journal, 2012, 26, 2546-2557.	0.2	90
68	Immunomodulatory effects of feeding with Bifidobacterium longum on allergen-induced lung inflammation in the mouse. Pulmonary Pharmacology and Therapeutics, 2012, 25, 325-334.	1.1	29
69	The Adenosine A2B Receptor Modulates Pulmonary Hypertension Associated With Chronic Lung Disease. , 2011, , .		0
70	Interleukin-6 Contributes to Inflammation and Remodeling in a Model of Adenosine Mediated Lung Injury. PLoS ONE, 2011, 6, e22667.	1.1	94
71	Distinct Roles for the A2B Adenosine Receptor in Acute and Chronic Stages of Bleomycin-Induced Lung Injury. Journal of Immunology, 2011, 186, 1097-1106.	0.4	101
72	Lymphocyte Sequestration By FTY720 Inhibits Inflammation And Modulates Structural Changes Associated With Airway Remodeling. , 2010, , .		0

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73	Sustained steroid release in pulmonary inflammation model. Biomaterials, 2010, 31, 6050-6059.	5.7	5
74	Dimethylthiourea protects against chlorine induced changes in airway function in a murine model of irritant induced asthma. Respiratory Research, 2010, 11, 138.	1.4	44
75	<i>In vivo</i> assessments of mucus dynamics in the rat lung using a Gdâ€Cy5.5â€bilabeled contrast agent for magnetic resonance and optical imaging. Magnetic Resonance in Medicine, 2009, 62, 1164-1174.	1.9	8
76	<i>In vivo</i> pharmacological evaluation of compound 48/80â€induced airways oedema by MRI. British Journal of Pharmacology, 2008, 154, 1063-1072.	2.7	8
77	Time course of airway remodelling after an acute chlorine gas exposure in mice. Respiratory Research, 2008, 9, 61.	1.4	58
78	Allergen-induced Lung Inflammation in Actively Sensitized Mice Assessed with MR Imaging. Radiology, 2008, 248, 834-843.	3.6	33
79	Lung inflammation and vascular remodeling after repeated allergen challenge detected noninvasively by MRI. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L644-L653.	1.3	39
80	Lung MRI for experimental drug research. European Journal of Radiology, 2007, 64, 381-396.	1.2	32
81	In Vivo mouse imaging and spectroscopy in drug discovery. NMR in Biomedicine, 2007, 20, 154-185.	1.6	104
82	Bleomycinâ€induced lung injury assessed noninvasively and in spontaneously breathing rats by proton MRI. Journal of Magnetic Resonance Imaging, 2007, 26, 941-949.	1.9	33
83	Capsaicin-induced mucus secretion in rat airways assessed in vivo and non-invasively by magnetic resonance imaging. British Journal of Pharmacology, 2007, 150, 1022-1030.	2.7	27
84	Identification with MRI of the pleura as a major site of the acute inflammatory effects induced by ovalbumin and endotoxin challenge in the airways of the rat. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L651-L657.	1.3	21
85	Proton MRI as a noninvasive tool to assess elastase-induced lung damage in spontaneously breathing rats. Magnetic Resonance in Medicine, 2006, 56, 1242-1250.	1.9	26
86	Near-infrared fluorescence imaging and histology confirm anomalous edematous signal distribution detected in the rat lung by MRI after allergen challenge. Journal of Magnetic Resonance Imaging, 2004, 20, 967-974.	1.9	6