

Macrophage Akt1 Kinase-Mediated Mitophagy Modulates Pulmonary Fibrosis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mitochondria dysfunction: A novel therapeutic target in pathological lung remodeling or bystander?. , 2016, 166, 96-105.		35
2	Alveolar epithelial disintegrity in pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L185-L191.	1.3	52
3	Differential regulation of autophagy and mitophagy in pulmonary diseases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L433-L452.	1.3	97
4	Autophagy in Pulmonary Diseases. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1196-1207.	2.5	62
5	miR-34a Inhibits Lung Fibrosis by Inducing Lung Fibroblast Senescence. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 168-178.	1.4	80
6	BLT1 Mediates Bleomycin-Induced Lung Fibrosis Independently of Neutrophils and CD4+ T Cells. Journal of Immunology, 2017, 198, 1673-1684.	0.4	27
7	Akt Signaling Pathway in Macrophage Activation and M1/M2 Polarization. Journal of Immunology, 2017, 198, 1006-1014.	0.4	682
8	ErbB4 signaling stimulates pro-inflammatory macrophage apoptosis and limits colonic inflammation. Cell Death and Disease, 2017, 8, e2622-e2622.	2.7	91
9	Matrix Metalloproteinases and Leukocyte Activation. Progress in Molecular Biology and Translational Science, 2017, 147, 167-195.	0.9	47
10	Macrophages in Renal Injury and Repair. Annual Review of Physiology, 2017, 79, 449-469.	5.6	220
11	AKT2 Regulates Pulmonary Inflammation and Fibrosis via Modulating Macrophage Activation. Journal of Immunology, 2017, 198, 4470-4480.	0.4	62
12	Mitophagy and age-related pathologies: Development of new therapeutics by targeting mitochondrial turnover. , 2017, 178, 157-174.		112
13	Radiation induced pulmonary fibrosis as a model of progressive fibrosis: Contributions of DNA damage, inflammatory response and cellular senescence genes. Experimental Lung Research, 2017, 43, 134-149.	0.5	32
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15	Macrophages utilize the mitochondrial calcium uniporter for profibrotic polarization. FASEB Journal, 2017, 31, 3072-3083.	0.2	35
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18	Ripk3 induces mitochondrial apoptosis via inhibition of FUNDC1 mitophagy in cardiac IR injury. Redox Biology, 2017, 13, 498-507.	3.9	254

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19	Monocyte-derived alveolar macrophages drive lung fibrosis and persist in the lung over the life span. <i>Journal of Experimental Medicine</i> , 2017, 214, 2387-2404.	4.2	755
20	Metabolic characterization and RNA profiling reveal glycolytic dependence of profibrotic phenotype of alveolar macrophages in lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L834-L844.	1.3	54
22	Mitochondrial Dysfunction in Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2017, 14, S383-S388.	1.5	72
23	Bioinformatics methods for identifying differentially expressed genes and signaling pathways in nano-silica stimulated macrophages. <i>Tumor Biology</i> , 2017, 39, 101042831770928.	0.8	7
24	Parkin regulates lipopolysaccharide-induced proinflammatory responses in acute lung injury. <i>Translational Research</i> , 2017, 181, 71-82.	2.2	36
25	miR-1224-5p Mediates Mitochondrial Damage to Affect Silica-Induced Pulmonary Fibrosis by Targeting BECN1. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2357.	1.8	24
26	The Impacts of Cellular Senescence in Elderly Pneumonia and in Age-Related Lung Diseases That Increase the Risk of Respiratory Infections. <i>International Journal of Molecular Sciences</i> , 2017, 18, 503.	1.8	44
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29	LPS challenge increased intestinal permeability, disrupted mitochondrial function and triggered mitophagy of piglets. <i>Innate Immunity</i> , 2018, 24, 221-230.	1.1	53
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32	Diquat-induced oxidative stress increases intestinal permeability, impairs mitochondrial function, and triggers mitophagy in piglets ¹ . <i>Journal of Animal Science</i> , 2018, 96, 1795-1805.	0.2	87
33	Deletion of c-FLIP from CD11b ^{hi} Macrophages Prevents Development of Bleomycin-induced Lung Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 66-78.	1.4	128
34	Long non-coding RNA-ATB promotes EMT during silica-induced pulmonary fibrosis by competitively binding miR-200c. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 420-431.	1.8	78
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37	Macrophages: friend or foe in idiopathic pulmonary fibrosis?. <i>Respiratory Research</i> , 2018, 19, 170.	1.4	205

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38	Investigation of key autophagy-and mitophagy-related proteins and gene expression in BALF cells from patients with IPF and RA-ILD. <i>Molecular Medicine Reports</i> , 2018, 18, 3891-3897.	1.1	8
39	Suppression of SMOC2 reduces bleomycin (BLM)-induced pulmonary fibrosis by inhibition of TGF- β 1/SMADs pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 841-847.	2.5	35
40	The mitochondria in lung fibrosis: friend or foe?. <i>Translational Research</i> , 2018, 202, 1-23.	2.2	38
41	Inhibition of EP300 and DDR1 synergistically alleviates pulmonary fibrosis in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1727-1733.	2.5	30
42	Metabolic Disorders in Chronic Lung Diseases. <i>Frontiers in Medicine</i> , 2017, 4, 246.	1.2	25
43	Idiopathic Pulmonary Fibrosis: Aging, Mitochondrial Dysfunction, and Cellular Bioenergetics. <i>Frontiers in Medicine</i> , 2018, 5, 10.	1.2	115
44	The Role of Immune and Inflammatory Cells in Idiopathic Pulmonary Fibrosis. <i>Frontiers in Medicine</i> , 2018, 5, 43.	1.2	216
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53	Mitochondrial calcium uniporter regulates PGC-1 β expression to mediate metabolic reprogramming in pulmonary fibrosis. <i>Redox Biology</i> , 2019, 26, 101307.	3.9	56
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88	Probing the Mechanism of Hepatotoxicity of Hexabromocyclododecanes through Toxicological Network Analysis. <i>Environmental Science & Technology</i> , 2020, 54, 15235-15245.	4.6	18
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132	Study on Pathological Mechanism of Pneumonia Infected by Coronavirus Based on Time-Series Gene Co-expression Network Analysis. , 2021, , .		2
133	Enhanced IL-1 $\hat{2}$ Release Following NLRP3 and AIM2 Inflammasome Stimulation Is Linked to mtROS in Airway Macrophages in Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2021, 12, 661811.	2.2	43
134	Cellular Senescence: Pathogenic Mechanisms in Lung Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6214.	1.8	46
135	NOX4 regulates macrophage apoptosis resistance to induce fibrotic progression. <i>Journal of Biological Chemistry</i> , 2021, 297, 100810.	1.6	12
136	TRIB3 \hat{a} 'GSK-3 $\hat{2}$ interaction promotes lung fibrosis and serves as a potential therapeutic target. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3105-3119.	5.7	16
137	Mitochondrial Dysfunction in Chronic Respiratory Diseases: Implications for the Pathogenesis and Potential Therapeutics. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	25
138	Targeting PI3K/AKT signaling for treatment of idiopathic pulmonary fibrosis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 18-32.	5.7	103
139	Mitochondrial metabolism regulates macrophage biology. <i>Journal of Biological Chemistry</i> , 2021, 297, 100904.	1.6	90
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142	Potential biomarkers and targets of mitochondrial dynamics. <i>Clinical and Translational Medicine</i> , 2021, 11, e529.	1.7	18
143	Fibrotic Idiopathic Interstitial Lung Disease: The Molecular and Cellular Key Players. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8952.	1.8	27
144	Targeting Cpt1a-Bcl-2 interaction modulates apoptosis resistance and fibrotic remodeling. <i>Cell Death and Differentiation</i> , 2022, 29, 118-132.	5.0	18
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146	Mitochondrial dynamics and mitophagy in lung disorders. <i>Life Sciences</i> , 2021, 284, 119876.	2.0	46
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149	Thyroid hormone inhibits lung fibrosis in mice by improving epithelial mitochondrial function. Nature Medicine, 2018, 24, 39-49.	15.2	236
150	NOX4 modulates macrophage phenotype and mitochondrial biogenesis in asbestosis. JCI Insight, 2019, 4, .	2.3	36
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152	Autophagic adaptation to oxidative stress alters peritoneal residential macrophage survival and ovarian cancer metastasis. JCI Insight, 2020, 5, .	2.3	59
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156	Fra-2 ^{hi} expressing macrophages promote lung fibrosis. Journal of Clinical Investigation, 2019, 129, 3293-3309.	3.9	67
157	Increased flux through the mevalonate pathway mediates fibrotic repair without injury. Journal of Clinical Investigation, 2019, 129, 4962-4978.	3.9	22
158	Macrophage regulation of graft-vs-host disease. World Journal of Clinical Cases, 2020, 8, 1793-1805.	0.3	19
159	PTEN loss regulates alveolar epithelial cell senescence in pulmonary fibrosis depending on Akt activation. Aging, 2019, 11, 7492-7509.	1.4	35
160	MiR-185/AKT and miR-29a/Collagen 1a pathways are activated in IPF BAL cells. Oncotarget, 2016, 7, 74569-74581.	0.8	22
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163	Air Pollution "An Overlooked Risk Factor for Idiopathic Pulmonary Fibrosis. Journal of Clinical Medicine, 2021, 10, 77.	1.0	23
164	Autophagy in pulmonary fibrosis: friend or foe?. Genes and Diseases, 2022, 9, 1594-1607.	1.5	14
165	Impaired placental mitophagy and oxidative stress are associated with dysregulated BNIP3 in preeclampsia. Scientific Reports, 2021, 11, 20469.	1.6	13

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