

Mareike Hesse

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,993
citations

471061

17
h-index

476904

29
g-index

35
all docs

35
docs citations

35
times ranked

3043
citing authors

#	ARTICLE	IF	CITATIONS
1	Alveolar regeneration through a Krt8+ transitional stem cell state that persists in human lung fibrosis. <i>Nature Communications</i> , 2020, 11, 3559.	5.8	378
2	Senolytic drugs target alveolar epithelial cell function and attenuate experimental lung fibrosis <i>in vivo</i> . <i>European Respiratory Journal</i> , 2017, 50, 1602367.	3.1	267
3	Hyperoxia modulates TGF- β /BMP signaling in a mouse model of bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L537-L549.	1.3	212
4	An <i>ex vivo</i> model to induce early fibrosis-like changes in human precision-cut lung slices. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L896-L902.	1.3	144
5	Increased Extracellular Vesicles Mediate WNT5A Signaling in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1527-1538.	2.5	127
6	Differential effects of Nintedanib and Pirfenidone on lung alveolar epithelial cell function in <i>ex vivo</i> murine and human lung tissue cultures of pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 175.	1.4	90
7	Reduced Frizzled Receptor 4 Expression Prevents WNT/ β -Catenin-driven Alveolar Lung Repair in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 172-185.	2.5	85
8	Inhibition of LT β R signalling activates WNT-induced regeneration in lung. <i>Nature</i> , 2020, 588, 151-156.	13.7	81
9	Chronic WNT/ β -catenin signaling induces cellular senescence in lung epithelial cells. <i>Cellular Signalling</i> , 2020, 70, 109588.	1.7	68
10	Poly(ADP-Ribose)Polymerase-1 (PARP1) Controls Adipogenic Gene Expression and Adipocyte Function. <i>Molecular Endocrinology</i> , 2012, 26, 79-86.	3.7	64
11	S100a4 Is Secreted by Alternatively Activated Alveolar Macrophages and Promotes Activation of Lung Fibroblasts in Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2018, 9, 1216.	2.2	64
12	WNT Signaling in Lung Aging and Disease. <i>Annals of the American Thoracic Society</i> , 2016, 13, S411-S416.	1.5	50
13	PARP Inhibitor with Selectivity Toward ADP-Ribosyltransferase ARTD3/PARP3. <i>ACS Chemical Biology</i> , 2013, 8, 1698-1703.	1.6	48
14	ARTD1-induced poly-ADP-ribose formation enhances PPAR β ligand binding and co-factor exchange. <i>Nucleic Acids Research</i> , 2015, 43, 129-142.	6.5	46
15	ARTD1 deletion causes increased hepatic lipid accumulation in mice fed a high-fat diet and impairs adipocyte function and differentiation. <i>FASEB Journal</i> , 2012, 26, 2631-2638.	0.2	41
16	Dynamic expression of HOPX in alveolar epithelial cells reflects injury and repair during the progression of pulmonary fibrosis. <i>Scientific Reports</i> , 2018, 8, 12983.	1.6	38
17	Pulmonary CCR2 ⁺ CD4 ⁺ T cells are immune regulatory and attenuate lung fibrosis development. <i>Thorax</i> , 2017, 72, 1007-1020.	2.7	26
18	Cell-surface phenotyping identifies CD36 and CD97 as novel markers of fibroblast quiescence in lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L682-L696.	1.3	21

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19	Lung regeneration: implications of the diseased niche and ageing. <i>European Respiratory Review</i> , 2020, 29, 200222.	3.0	18
20	ARTD1 in Myeloid Cells Controls the IL-12/18 β -IFN- γ Axis in a Model of Sterile Sepsis, Chronic Bacterial Infection, and Cancer. <i>Journal of Immunology</i> , 2019, 202, 1406-1416.	0.4	16
21	Single-cell RNA sequencing identifies G-protein coupled receptor 87 as a basal cell marker expressed in distal honeycomb cysts in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2022, 59, 2102373.	3.1	16
22	The Oncogene ECT2 Contributes to a Hyperplastic, Proliferative Lung Epithelial Cell Phenotype in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 713-726.	1.4	15
23	Senescent Cells in IPF: Locked in Repair?. <i>Frontiers in Medicine</i> , 2020, 7, 606330.	1.2	11
24	A drug screen with approved compounds identifies amlexanox as a novel Wnt/ β -catenin activator inducing lung epithelial organoid formation. <i>British Journal of Pharmacology</i> , 2021, 178, 4026-4041.	2.7	10
25	WNT Signalling in Lung Physiology and Pathology. <i>Handbook of Experimental Pharmacology</i> , 2021, 269, 305-336.	0.9	10
26	Reduced decline of lung diffusing capacity in COPD patients with diabetes and metformin treatment. <i>Scientific Reports</i> , 2022, 12, 1435.	1.6	8
27	Stem Cells, Cell Therapies, and Bioengineering in Lung Biology and Disease 2019. <i>ERJ Open Research</i> , 2020, 6, 00123-2020.	1.1	2
28	LSC - 2017 - Senolytic drugs target alveolar epithelial cell function and attenuate experimental lung fibrosis ex vivo. , 2017, , .		2
29	LATE-BREAKING ABSTRACT: Anti-fibrotic effects of nintedanib and pirfenidone in 2D versus 3D lung cultures. , 2016, , .		2
30	Early Career Members at the ERS LSC 2017: mechanistic overlap between chronic lung injury and cancer. <i>Breathe</i> , 2017, 13, 323-326.	0.6	1
31	ERS International Congress, Madrid, 2019: highlights from the Basic and Translational Science Assembly. <i>ERJ Open Research</i> , 2020, 6, 00350-2019.	1.1	1
32	Late Breaking Abstract - WNT/ β -catenin signaling induces cellular senescence in lung alveolar epithelial cells. , 2019, , .		1
33	Regenerative Medicine and the Hope for a Cure. <i>Clinics in Chest Medicine</i> , 2021, 42, 365-373.	0.8	0