Elie El Agha

List of Publications by Year
in descending order

44 papers	2,418 citations	279798 23 h-index	265206 42 g-index
50 all docs	50 docs citations	50 times ranked	3375 citing authors

#	Article	IF	Citations
1	Differential LysoTracker Uptake Defines Two Populations of Distal Epithelial Cells in Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 235.	4.1	6
2	3D In Vitro Models: Novel Insights into Idiopathic Pulmonary Fibrosis Pathophysiology and Drug Screening. Cells, 2022, 11, 1526.	4.1	13
3	Transcriptional Profiling of Insulin-like Growth Factor Signaling Components in Embryonic Lung Development and Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 1973.	4.1	4
4	Evidence for the involvement of lipofibroblasts, airway smooth muscle cells and FGF10 signalling in lung repair. , 2021, , 99-113.		1
5	Validation of a Novel Fgf10Creâ€"ERT2 Knock-in Mouse Line Targeting FGF10Pos Cells Postnatally. Frontiers in Cell and Developmental Biology, 2021, 9, 671841.	3.7	5
6	Protocol for the generation of murine bronchiolospheres. STAR Protocols, 2021, 2, 100594.	1.2	5
7	Editorial: Branching Morphogenesis During Embryonic Lung Development. Frontiers in Cell and Developmental Biology, 2021, 9, 728954.	3.7	0
8	Evidence for Multiple Origins of De Novo Formed Vascular Smooth Muscle Cells in Pulmonary Hypertension: Challenging the Dominant Model of Pre-Existing Smooth Muscle Expansion. International Journal of Environmental Research and Public Health, 2021, 18, 8584.	2.6	0
9	PDGFRÎ± and Î±SMA mark two distinct mesenchymal cell populations involved in parenchymal and vascular remodeling in pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L684-L697.	2.9	33
10	Good Things Come in 2s: Type 2 Alveolar Epithelial Cells and Fibroblast Growth Factor Receptor 2. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 543-545.	2.9	3
11	The Lung Vasculature: A Driver or Passenger in Lung Branching Morphogenesis?. Frontiers in Cell and Developmental Biology, 2020, 8, 623868.	3.7	13
12	Identification of a Repair-Supportive Mesenchymal Cell Population during Airway Epithelial Regeneration. Cell Reports, 2020, 33, 108549.	6.4	28
13	Multilineage murine stem cells generate complex organoids to model distal lung development and disease. EMBO Journal, 2020, 39, e103476.	7.8	44
14	Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. Nature Communications, 2019, 10, 2987.	12.8	181
15	A critical role for miR-142 in alveolar epithelial lineage formation in mouse lung development. Cellular and Molecular Life Sciences, 2019, 76, 2817-2832.	5.4	6
16	Embryonic mesothelium in motion: a systematic study. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L764-L766.	2.9	2
17	Impact of Fgf10 deficiency on pulmonary vasculature formation in a mouse model of bronchopulmonary dysplasia. Human Molecular Genetics, 2019, 28, 1429-1444.	2.9	28
18	Resident cell lineages are preserved in pulmonary vascular remodeling. Journal of Pathology, 2018, 244, 485-498.	4.5	32

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19	Low density lipoprotein receptor-related protein 1 couples Î²1 integrin activation to degradation. Cellular and Molecular Life Sciences, 2018, 75, 1671-1685.	5.4	25
20	Is the fibroblast growth factor signaling pathway a victim of receptor tyrosine kinase inhibition in pulmonary parenchymal and vascular remodeling?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L248-L252.	2.9	14
21	Therapeutic and pathological roles of fibroblast growth factors in pulmonary diseases. Developmental Dynamics, 2017, 246, 235-244.	1.8	22
22	Ex vivo analysis of the contribution of FGF10⁺ cells to airway smooth muscle cell formation during early lung development. Developmental Dynamics, 2017, 246, 531-538.	1.8	24
23	Origin and characterization of alpha smooth muscle actin-positive cells during murine lung development. Stem Cells, 2017, 35, 1566-1578.	3.2	48
24	Fgf10-Hippo Epithelial-Mesenchymal Crosstalk Maintains and Recruits Lung Basal Stem Cells. Developmental Cell, 2017, 43, 48-59.e5.	7.0	123
25	A novel mouse Creâ€driver line targeting Perilipin 2â€expressing cells in the neonatal lung. Genesis, 2017, 55, e23080.	1.6	15
26	Mesenchymal Stem Cells in Fibrotic Disease. Cell Stem Cell, 2017, 21, 166-177.	11.1	309
27	Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis. Cell Stem Cell, 2017, 20, 261-273.e3.	11.1	217
28	<i>Fgf10</i> deficiency is causative for lethality in a mouse model of bronchopulmonary dysplasia. Journal of Pathology, 2017, 241, 91-103.	4.5	54
29	Pulmonary Hypertension due to Lung Diseases and/or Hypoxia: What Do We Actually Know?. Canadian Respiratory Journal, 2017, 2017, 1-2.	1.6	2
30	Influenza Virus Infects Epithelial Stem/Progenitor Cells of the Distal Lung: Impact on Fgfr2b-Driven Epithelial Repair. PLoS Pathogens, 2016, 12, e1005544.	4.7	113
31	Role of fibroblast growth factors in organ regeneration and repair. Seminars in Cell and Developmental Biology, 2016, 53, 76-84.	5.0	29
32	Increased FGF1-FGFRc expression in idiopathic pulmonary fibrosis. Respiratory Research, 2015, 16, 83.	3.6	89
33	A Breath of Fresh Air on the Mesenchyme: Impact of Impaired Mesenchymal Development on the Pathogenesis of Bronchopulmonary Dysplasia. Frontiers in Medicine, 2015, 2, 27.	2.6	67
34	Generation and Validation of miR-142 Knock Out Mice. PLoS ONE, 2015, 10, e0136913.	2.5	26
35	Attenuating endogenous Fgfr2b ligands during bleomycin-induced lung fibrosis does not compromise murine lung repair. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L1014-L1024.	2.9	19
36	Evidence for the involvement of Fibroblast Growth Factor 10 in lipofibroblast formation during embryonic lung development. Development (Cambridge), 2015, 142, 4139-50.	2.5	100

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37	Mesenchymal adenomatous polyposis coli plays critical and diverse roles in regulating lung development. BMC Biology, 2015, 13, 42.	3.8	17
38	Walking along the Fibroblast Growth Factor 10 Route: A Key Pathway to Understand the Control and Regulation of Epithelial and Mesenchymal Cell-Lineage Formation during Lung Development and Repair after Injury. Scientifica, 2014, 2014, 1-20.	1.7	67
39	<i>Fgf10</i>-positive cells represent a progenitor cell population during lung development and postnatally. Development (Cambridge), 2014, 141, 296-306.	2.5	136
40	<i>miR-142-3p</i>balances proliferation and differentiation of mesenchymal cells during lung development. Development (Cambridge), 2014, 141, 1272-1281.	2.5	68
41	Fgf10-Expressing Tanycytes Add New Neurons to the Appetite/Energy-Balance Regulating Centers of the Postnatal and Adult Hypothalamus. Journal of Neuroscience, 2013, 33, 6170-6180.	3.6	207
42	Characterization of a Novel Fibroblast Growth Factor 10 (Fgf10) Knock-In Mouse Line to Target Mesenchymal Progenitors during Embryonic Development. PLoS ONE, 2012, 7, e38452.	2.5	60
43	Early transcriptional regulation by Câ€peptide in freshly isolated rat proximal tubular cells. Diabetes/Metabolism Research and Reviews, 2011, 27, 697-704.	4.0	3
44	Contrasting Expression of Canonical Wnt Signaling Reporters TOPGAL, BATGAL and Axin2LacZ during Murine Lung Development and Repair. PLoS ONE, 2011, 6, e23139.	2.5	87