Carla F Kim

List of Publications by Year
in descending order

54 papers	6,504 citations	109321 35 h-index	149698 56 g-index
60 all docs	60 docs citations	60 times ranked	10783 citing authors

#	Article	IF	Citations
1	Non-small-cell lung cancers: a heterogeneous set of diseases. Nature Reviews Cancer, 2014, 14, 535-546.	28.4	1,375
2	Lung Stem Cell Differentiation in Mice Directed by Endothelial Cells via a BMP4-NFATc1-Thrombospondin-1 Axis. Cell, 2014, 156, 440-455.	28.9	417
3	Loss of Lkb1 and Pten Leads to Lung Squamous Cell Carcinoma with Elevated PD-L1 Expression. Cancer Cell, 2014, 25, 590-604.	16.8	332
4	Anatomically and Functionally Distinct Lung Mesenchymal Populations Marked by Lgr5 and Lgr6. Cell, 2017, 170, 1149-1163.e12.	28.9	304
5	A genetic screen identifies an LKB1â€“MARK signalling axis controlling the Hippoâ€“YAP pathway. Nature Cell Biology, 2014, 16, 108-117.	10.3	252
6	EZH2 inhibition sensitizes BRG1 and EGFR mutant lung tumours to TopoII inhibitors. Nature, 2015, 520, 239-242.	27.8	223
7	Integrative Genomic and Proteomic Analyses Identify Targets for Lkb1-Deficient Metastatic Lung Tumors. Cancer Cell, 2010, 17, 547-559.	16.8	215
8	Bronchioalveolar stem cells increase after mesenchymal stromal cell treatment in a mouse model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L829-L837.	2.9	209
9	SARS-CoV-2 infection of primary human lung epithelium for COVID-19 modeling and drug discovery. Cell Reports, 2021, 35, 109055.	6.4	186
10	Characterization of the cell of origin for small cell lung cancer. Cell Cycle, 2011, 10, 2806-2815.	2.6	183
11	Tumor-propagating cells and Yap/Taz activity contribute to lung tumor progression and metastasis. EMBO Journal, 2014, 33, 468-481.	7.8	181
12	The aging lung: Physiology, disease, and immunity. Cell, 2021, 184, 1990-2019.	28.9	175
13	Airway Epithelial Progenitors Are Region Specific and Show Differential Responses to Bleomycin-Induced Lung Injury. Stem Cells, 2012, 30, 1948-1960.	3.2	171
14	Bmi1 is critical for lung tumorigenesis and bronchioalveolar stem cell expansion. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11857-11862.	7.1	163
15	Amnion Epithelial Cell-Derived Exosomes Restrict Lung Injury and Enhance Endogenous Lung Repair. Stem Cells Translational Medicine, 2018, 7, 180-196.	3.3	150
16	Primary Tumor Genotype Is an Important Determinant in Identification of Lung Cancer Propagating Cells. Cell Stem Cell, 2010, 7, 127-133.	11.1	130
17	Lung Stem Cell Self-Renewal Relies on BMI1-Dependent Control of Expression at Imprinted Loci. Cell Stem Cell, 2011, 9, 272-281.	11.1	119
18	Oncogenic Deregulation of EZH2 as an Opportunity for Targeted Therapy in Lung Cancer. Cancer Discovery, 2016, 6, 1006-1021.	9.4	108

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19	Cellular kinetics and modeling of bronchioalveolar stem cell response during lung regeneration. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1158-L1165.	2.9	100
20	Organoids Model Transcriptional Hallmarks of Oncogenic KRAS Activation in Lung Epithelial Progenitor Cells. Cell Stem Cell, 2020, 27, 663-678.e8.	11.1	86
21	Genomic and evolutionary classification of lung cancer in never smokers. Nature Genetics, 2021, 53, 1348-1359.	21.4	81
22	Lkb1 inactivation drives lung cancer lineage switching governed by Polycomb Repressive Complex 2. Nature Communications, 2017, 8, 14922.	12.8	80
23	Neurotrophin receptor TrkB promotes lung adenocarcinoma metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10299-10304.	7.1	77
24	Stem Cells and Regenerative Medicine in Lung Biology and Diseases. Molecular Therapy, 2012, 20, 1116-1130.	8.2	74
25	Mesenchymal Stem Cells Increase Alveolar Differentiation in Lung Progenitor Organoid Cultures. Scientific Reports, 2019, 9, 6479.	3.3	74
26	Phosphatidylinositol 3-Kinase Mediates Bronchioalveolar Stem Cell Expansion in Mouse Models of Oncogenic K-ras-Induced Lung Cancer. PLoS ONE, 2008, 3, e2220.	2.5	73
27	Paving the road for lung stem cell biology: bronchioalveolar stem cells and other putative distal lung stem cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L1092-L1098.	2.9	69
28	H3K9 methyltransferases and demethylases control lung tumor-propagating cells and lung cancer progression. Nature Communications, 2018, 9, 4559.	12.8	69
29	Lung Stem and Progenitor Cells in Tissue Homeostasis and Disease. Current Topics in Developmental Biology, 2014, 107, 207-233.	2.2	68
30	Surfactant Proteinâ€“C Chromatin-Bound Green Fluorescence Protein Reporter Mice Reveal Heterogeneity of Surfactant Protein Câ€“Expressing Lung Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 288-298.	2.9	54
31	May the (Mechanical) Force Be with AT2. Cell, 2020, 180, 20-22.	28.9	52
32	Smarca4 Inactivation Promotes Lineage-Specific Transformation and Early Metastatic Features in the Lung. Cancer Discovery, 2022, 12, 562-585.	9.4	48
33	Matrix modulation of compensatory lung regrowth and progenitor cell proliferation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L158-L168.	2.9	47
34	Adult stem cells and regenerative medicineâ€”a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 27-36.	3.8	43
35	Alveolar progenitor cells and the origin of lung cancer. Journal of Internal Medicine, 2021, 289, 629-635.	6.0	43
36	Human amnion cells reverse acute and chronic pulmonary damage in experimental neonatal lung injury. Stem Cell Research and Therapy, 2017, 8, 257.	5.5	41

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37	Diverse cells at the origin of lung adenocarcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4745-4746.	7.1	36
38	BRG1 Loss Predisposes Lung Cancers to Replicative Stress and ATR Dependency. Cancer Research, 2020, 80, 3841-3854.	0.9	32
39	Commentary: Sca-1 and Cells of the Lung: A matter of Different Sorts. Stem Cells, 2009, 27, 606-611.	3.2	31
40	Progenitor potential of lung epithelial organoid cells in a transplantation model. Cell Reports, 2022, 39, 110662.	6.4	26
41	Air-liquid interface culture promotes maturation and allows environmental exposure of pluripotent stem cellâ€“derived alveolar epithelium. JCI Insight, 2022, 7, .	5.0	17
42	E-Cadherin Loss Accelerates Tumor Progression and Metastasis in a Mouse Model of Lung Adenocarcinoma. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 237-245.	2.9	13
43	Bone Marrow-Derived Multipotent Stromal Cells Attenuate Inflammation in Obliterative Airway Disease in Mouse Tracheal Allografts. Stem Cells International, 2014, 2014, 1-11.	2.5	12
44	Stem Cell Biology in the Lung and Lung Cancers: Using Pulmonary Context and Classic Approaches. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 479-490.	1.1	10
45	Intersections of lung progenitor cells, lung disease and lung cancer. European Respiratory Review, 2017, 26, 170054.	7.1	9
46	Prematurity negatively affects regenerative properties of human amniotic epithelial cells in the context of lung repair. Clinical Science, 2020, 134, 2665-2679.	4.3	7
47	Donâ€™t Stop Re-healinâ€™! Cancer as an Ongoing Stem Cell Affair. Cell, 2017, 169, 563-565.	28.9	6
48	An airway organoid is forever. EMBO Journal, 2019, 38, .	7.8	6
49	Lung Cancer Stem Cells and Their Clinical Implications. Cold Spring Harbor Perspectives in Medicine, 2021, , a041270.	6.2	5
50	Adult mouse intralobar airway stem cells. , 2021, , 84-98.		4
51	Mesenchymal progenitor panoply. Science, 2014, 346, 810-811.	12.6	2
52	National Heart, Lung, and Blood Institute and Building Respiratory Epithelium and Tissue for Health (BREATH) Consortium Workshop Report: Moving Forward in Lung Regeneration. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 22-29.	2.9	2
53	A New â€œAgeâ€ for Lung Research Arrives: Genetic Targeting of Alveolar Type 1 Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 661-662.	2.9	1
54	Comparison of Transplantation of Lung Organoid Cell Types: One Size Does Not Fit All. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 340-343.	2.9	0