

Mark A Krasnow

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

11,002
citations

109321

35
h-index

223800

46
g-index

60
all docs

60
docs citations

60
times ranked

14608
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq. <i>Nature</i> , 2014, 509, 371-375.	27.8	1,260
2	A molecular cell atlas of the human lung from single-cell RNA sequencing. <i>Nature</i> , 2020, 587, 619-625.	27.8	963
3	Alveolar progenitor and stem cells in lung development, renewal and cancer. <i>Nature</i> , 2014, 507, 190-194.	27.8	800
4	sprouty Encodes a Novel Antagonist of FGF Signaling that Patterns Apical Branching of the <i>Drosophila</i> Airways. <i>Cell</i> , 1998, 92, 253-263.	28.9	708
5	The branching programme of mouse lung development. <i>Nature</i> , 2008, 453, 745-750.	27.8	701
6	A single-cell transcriptomic atlas characterizes ageing tissues in the mouse. <i>Nature</i> , 2020, 583, 590-595.	27.8	683
7	branchless Encodes a <i>Drosophila</i> FGF Homolog That Controls Tracheal Cell Migration and the Pattern of Branching. <i>Cell</i> , 1996, 87, 1091-1101.	28.9	586
8	Single-cell Wnt signaling niches maintain stemness of alveolar type 2 cells. <i>Science</i> , 2018, 359, 1118-1123.	12.6	557
9	Coronary arteries form by developmental reprogramming of venous cells. <i>Nature</i> , 2010, 464, 549-553.	27.8	476
10	Genetic Control of Branching Morphogenesis. <i>Science</i> , 1999, 284, 1635-1639.	12.6	468
11	The Tabula Sapiens: A multiple-organ, single-cell transcriptomic atlas of humans. <i>Science</i> , 2022, 376, eabl4896.	12.6	289
12	Genetic Identification of Vagal Sensory Neurons That Control Feeding. <i>Cell</i> , 2019, 179, 1129-1143.e23.	28.9	265
13	Capillary cell-type specialization in the alveolus. <i>Nature</i> , 2020, 586, 785-789.	27.8	231
14	Oxygen Regulation of Airway Branching in <i>Drosophila</i> Is Mediated by Branchless FGF. <i>Cell</i> , 1999, 99, 211-220.	28.9	227
15	Oxygen regulation of breathing through an olfactory receptor activated by lactate. <i>Nature</i> , 2015, 527, 240-244.	27.8	225
16	Social interactions among epithelial cells during tracheal branching morphogenesis. <i>Nature</i> , 2006, 441, 746-749.	27.8	207
17	Developmental origin of lung macrophage diversity. <i>Development (Cambridge)</i> , 2016, 143, 1318-27.	2.5	199
18	Breathing control center neurons that promote arousal in mice. <i>Science</i> , 2017, 355, 1411-1415.	12.6	176

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19	The peptidergic control circuit for sighing. <i>Nature</i> , 2016, 530, 293-297.	27.8	168
20	Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?. <i>Journal of Thoracic Oncology</i> , 2016, 11, 453-474.	1.1	156
21	Rare Pulmonary Neuroendocrine Cells Are Stem Cells Regulated by Rb, p53, and Notch. <i>Cell</i> , 2019, 179, 403-416.e23.	28.9	148
22	Defining a mesenchymal progenitor niche at single-cell resolution. <i>Science</i> , 2014, 346, 1258810.	12.6	128
23	New Approaches to SCLC Therapy: From the Laboratory to the Clinic. <i>Journal of Thoracic Oncology</i> , 2020, 15, 520-540.	1.1	119
24	Two nested developmental waves demarcate a compartment boundary in the mouse lung. <i>Nature Communications</i> , 2014, 5, 3923.	12.8	101
25	Formation of a Neurosensory Organ by Epithelial Cell Slithering. <i>Cell</i> , 2015, 163, 394-405.	28.9	100
26	MicroRNA-9 Couples Brain Neurogenesis and Angiogenesis. <i>Cell Reports</i> , 2017, 20, 1533-1542.	6.4	90
27	Radial Construction of an Arterial Wall. <i>Developmental Cell</i> , 2012, 23, 482-493.	7.0	82
28	stumps, a Drosophila Gene Required for Fibroblast Growth Factor (FGF)-directed Migrations of Tracheal and Mesodermal Cells. <i>Genetics</i> , 1999, 152, 307-318.	2.9	79
29	A nuclear lamin is required for cytoplasmic organization and egg polarity in Drosophila. <i>Nature Cell Biology</i> , 2001, 3, 848-851.	10.3	77
30	Dual Origin of Tissue-Specific Progenitor Cells in <i>Drosophila</i> Tracheal Remodeling. <i>Science</i> , 2008, 321, 1496-1499.	12.6	71
31	A Systematic Screen for Tube Morphogenesis and Branching Genes in the Drosophila Tracheal System. <i>PLoS Genetics</i> , 2011, 7, e1002087.	3.5	66
32	Drosophila talin and integrin genes are required for maintenance of tracheal terminal branches and luminal organization. <i>Development (Cambridge)</i> , 2006, 133, 2383-2393.	2.5	64
33	The Mouse Lemur, a Genetic Model Organism for Primate Biology, Behavior, and Health. <i>Genetics</i> , 2017, 206, 651-664.	2.9	58
34	Intercellular signalling in Drosophila segment formation reconstructed in vitro. <i>Nature</i> , 1993, 363, 549-552.	27.8	56
35	Adult stem cells and regenerative medicine—a symposium report. <i>Annals of the New York Academy of Sciences</i> , 2020, 1462, 27-36.	3.8	43
36	Molecularly defined circuits for cardiovascular and cardiopulmonary control. <i>Nature</i> , 2022, 606, 739-746.	27.8	38

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37	Integrin Beta 1 Suppresses Multilayering of a Simple Epithelium. PLoS ONE, 2012, 7, e52886.	2.5	37
38	Progenitor Outgrowth from the Niche in <i>Drosophila</i> Trachea Is Guided by FGF from Decaying Branches. Science, 2014, 343, 186-189.	12.6	32
39	Subcellular Trafficking of FGF Controls Tracheal Invasion of <i>Drosophila</i> Flight Muscle. Cell, 2015, 160, 313-323.	28.9	29
40	High Quality Genome-Wide Genotyping from Archived Dried Blood Spots without DNA Amplification. PLoS ONE, 2013, 8, e64710.	2.5	25
41	RNA splicing programs define tissue compartments and cell types at single-cell resolution. ELife, 2021, 10, .	6.0	24
42	Identification of Distinct Inflammatory Programs and Biomarkers in Systemic Juvenile Idiopathic Arthritis and Related Lung Disease by Serum Proteome Analysis. Arthritis and Rheumatology, 2022, 74, 1271-1283.	5.6	24
43	Brain Circuit of Claustrophobia-like Behavior in Mice Identified by Upstream Tracing of Sighing. Cell Reports, 2020, 31, 107779.	6.4	20
44	Adversarial domain translation networks for integrating large-scale atlas-level single-cell datasets. Nature Computational Science, 2022, 2, 317-330.	8.0	13
45	Chang et al. reply. Nature, 2018, 561, E41-E41.	27.8	6
46	Profile of an unknown airway cell. Nature, 2018, 560, 313-314.	27.8	6
47	Dissecting alveolar patterning and maintenance at single-cell resolution. FASEB Journal, 2022, 36, .	0.5	0