# Changfu Yao

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 1,856 citations | 430754 18 h-index | 477173 29 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 3441 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Single-Cell Deconvolution of Fibroblast Heterogeneity in Mouse Pulmonary Fibrosis. Cell Reports, 2018, 22, 3625-3640. | 2.9 | 392 |
| 2 | Alveolar Epithelial Type II Cells as Drivers of Lung Fibrosis in Idiopathic Pulmonary Fibrosis. International Journal of Molecular Sciences, 2020, 21, 2269. | 1.8 | 202 |
| 3 | SARS-CoV-2 infection of primary human lung epithelium for COVID-19 modeling and drug discovery. Cell Reports, 2021, 35, 109055. | 2.9 | 186 |
| 4 | Rare SOX2 + Airway Progenitor Cells Generate KRT5 + Cells that Repopulate Damaged Alveolar Parenchyma following Influenza Virus Infection. Stem Cell Reports, 2016, 7, 817-825. | 2.3 | 116 |
| 5 | Cell-Type-Specific Immune Dysregulation in Severely Ill COVID-19 Patients. Cell Reports, 2021, 34, 108590. | 2.9 | 116 |
| 6 | Single-Cell Reconstruction of Human Basal Cell Diversity in Normal and Idiopathic Pulmonary Fibrosis Lungs. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1540-1550. | 2.5 | 107 |
| 7 | Transcriptional analysis of cystic fibrosis airways at single-cell resolution reveals altered epithelial cell states and composition. Nature Medicine, 2021, 27, 806-814. | 15.2 | 101 |
| 8 | FGF10-FGFR2B Signaling Generates Basal Cells and Drives Alveolar Epithelial Regeneration by Bronchial Epithelial Stem Cells after Lung Injury. Stem Cell Reports, 2019, 12, 1041-1055. | 2.3 | 94 |
| 9 | p53 Regulates Progenitor Cell Quiescence and Differentiation in the Airway. Cell Reports, 2016, 17, 2173-2182. | 2.9 | 62 |
| 10 | Syndecan-1 promotes lung fibrosis by regulating epithelial reprogramming through extracellular vesicles. JCI Insight, 2019, 4, . | 2.3 | 50 |
| 11 | Do nuclear envelope and intranuclear proteins reorganize during mitosis to form an elastic, hydrogel-like spindle matrix?. Chromosome Research, 2011, 19, 345-365. | 1.0 | 49 |
| 12 | Sexually Dimorphic Crosstalk at the Maternal-Fetal Interface. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4831-e4847. | 1.8 | 48 |
| 13 | Cellular Senescence: Pathogenic Mechanisms in Lung Fibrosis. International Journal of Molecular Sciences, 2021, 22, 6214. | 1.8 | 46 |
| 14 | Categorization of lung mesenchymal cells in development and fibrosis. IScience, 2021, 24, 102551. | 1.9 | 46 |
| 15 | The ZIP8/SIRT1 axis regulates alveolar progenitor cell renewal in aging and idiopathic pulmonary fibrosis. Journal of Clinical Investigation, 2022, 132, . | 3.9 | 37 |
| 16 | Sin3a regulates epithelial progenitor cell fate during lung development. Development (Cambridge), 2017, 144, 2618-2628. | 1.2 | 29 |
| 17 | A nuclear-derived proteinaceous matrix embeds the microtubule spindle apparatus during mitosis. Molecular Biology of the Cell, 2012, 23, 3532-3541. | 0.9 | 26 |
| 18 | STK11 is required for the normal program of ciliated cell differentiation in airways. Cell Discovery, 2019, 5, 36. | 3.1 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genome-wide analysis of regulation of gene expression and H3K9me2 distribution by JIL-1 kinase mediated histone H3S10 phosphorylation in Drosophila. Nucleic Acids Research, 2014, 42, 5456-5467. | 6.5 | 21 |
| 20 | Digitor/dASCIZ Has Multiple Roles in Drosophila Development. PLoS ONE, 2016, 11, e0166829. | 1.1 | 15 |
| 21 | Mesenchymal growth hormone receptor deficiency leads to failure of alveolar progenitor cell function and severe pulmonary fibrosis. Science Advances, 2021, 7, . | 4.7 | 10 |
| 22 | The chromodomain-containing NH2-terminus of Chromator interacts with histone H1 and is required for correct targeting to chromatin. Chromosoma, 2012, 121, 209-220. | 1.0 | 8 |
| 23 | Sample processing and single cell RNA-sequencing of peripheral blood immune cells from COVID-19 patients. STAR Protocols, 2021, 2, 100582. | 0.5 | 8 |
| 24 | Isolation and Enrichment of Human Lung Epithelial Progenitor Cells for Organoid Culture. Journal of Visualized Experiments, 2020, , . | 0.2 | 7 |
| 25 | Spatiotemporal coordination of Greatwall-Endos-PP2A promotes mitotic progression. Journal of Cell Biology, 2021, 220, . | 2.3 | 5 |
| 26 | Evidence for a role of spindle matrix formation in cell cycle progression by antibody perturbation. PLoS ONE, 2018, 13, e0208022. | 1.1 | 4 |
| 27 | The Spindle Matrix Protein, Chromator, Is a Novel Tubulin Binding Protein That Can Interact with Both Microtubules and Free Tubulin. PLoS ONE, 2014, 9, e103855. | 1.1 | 3 |
| 28 | In vitro Explant Cultures to Interrogate Signaling Pathways that Regulate Mouse Lung Development. Bio-protocol, 2018, 8, e2852. | 0.2 | 2 |
| 29 | OR24-07 Fetal Sex Impacts First Trimester Maternal-Fetal Communication in Humans. Journal of the Endocrine Society, 2020, 4, . | 0.1 | 0 |