

Katherine L Leiby

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8813211/publications.pdf>

Version: 2024-02-01

15
papers

553
citations

1039880

9
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell connectomic analysis of adult mammalian lungs. <i>Science Advances</i> , 2019, 5, eaaw3851.	4.7	156
2	Targeted proteomics effectively quantifies differences between native lung and detergent-decellularized lung extracellular matrices. <i>Acta Biomaterialia</i> , 2016, 46, 91-100.	4.1	103
3	Production of decellularized porcine lung scaffolds for use in tissue engineering. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 1598-1610.	0.6	58
4	Computation and visualization of cell-cell signaling topologies in single-cell systems data using Connectome. <i>Scientific Reports</i> , 2022, 12, 4187.	1.6	50
5	Bioengineered lungs generated from human iPSC-derived epithelial cells on native extracellular matrix. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1623-e1635.	1.3	35
6	Engineered Tissue Stent Biocomposites as Tracheal Replacements. <i>Tissue Engineering - Part A</i> , 2016, 22, 1086-1097.	1.6	30
7	Fate of Distal Lung Epithelium Cultured in a Decellularized Lung Extracellular Matrix. <i>Tissue Engineering - Part A</i> , 2015, 21, 1916-1928.	1.6	24
8	Bioengineering the Blood-Gas Barrier. , 2020, 10, 415-452.		17
9	Fas ligand and nitric oxide combination to control smooth muscle growth while sparing endothelium. <i>Biomaterials</i> , 2019, 212, 28-38.	5.7	14
10	Lung regeneration. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 23-29.	0.9	11
11	Development of a Bioartificial Vascular Pancreas. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110277.	2.3	10
12	An ex vivo physiologic and hyperplastic vessel culture model to study intra-arterial stent therapies. <i>Biomaterials</i> , 2021, 275, 120911.	5.7	9
13	A Pulmonary Vascular Model From Endothelialized Whole Organ Scaffolds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 760309.	2.0	4
14	Lung Tissue Engineering: Toward a More Deliberate Approach. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4625-4628.	2.6	3
15	Engineered Lung Tissues Prepared from Decellularized Lung Slices. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	3