

Sarah E Gilpin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8885491/publications.pdf>

Version: 2024-02-01

39
papers

3,283
citations

331538

21
h-index

377752

34
g-index

43
all docs

43
docs citations

43
times ranked

4196
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthotopic Transplantation of Human Bioartificial Lung Grafts in a Porcine Model: A Feasibility Study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 752-759.	0.4	10
2	Protective Effects of Extracellular Matrix-Derived Hydrogels in Idiopathic Pulmonary Fibrosis. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 517-530.	2.5	5
3	Protease inhibitor Camostat Mesylate blocks wild type SARS-CoV-2 and D614G viral entry in human engineered miniature lungs. <i>Biomaterials</i> , 2022, 285, 121509.	5.7	3
4	A human-airway-on-a-chip for the rapid identification of candidate antiviral therapeutics and prophylactics. <i>Nature Biomedical Engineering</i> , 2021, 5, 815-829.	11.6	228
5	Creation of Laryngeal Grafts from Primary Human Cells and Decellularized Laryngeal Scaffolds. <i>Tissue Engineering - Part A</i> , 2020, 26, 543-555.	1.6	14
6	Stem Cells, Cell Therapies, and Bioengineering in Lung Biology and Disease 2019. <i>ERJ Open Research</i> , 2020, 6, 00123-2020.	1.1	2
7	Technological advances in study of lung regenerative medicine:perspective from the 2019 Vermont lung stem cell conference. <i>Cytotherapy</i> , 2020, 22, 519-520.	0.3	6
8	Regenerative Medicine of the Respiratory Tract. , 2019, , 1059-1072.		1
9	Bioengineering Human Lung Grafts on Porcine Matrix. <i>Annals of Surgery</i> , 2018, 267, 590-598.	2.1	80
10	A Fully Automated High-Throughput Bioreactor System for Lung Regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 671-678.	1.1	12
11	Metabolic glycan labeling and chemoselective functionalization of native biomaterials. <i>Biomaterials</i> , 2018, 182, 127-134.	5.7	19
12	Acellular human lung scaffolds to model lung disease and tissue regeneration. <i>European Respiratory Review</i> , 2018, 27, 180021.	3.0	66
13	Bioengineering of functional human induced pluripotent stem cell-derived intestinal grafts. <i>Nature Communications</i> , 2017, 8, 765.	5.8	91
14	Fibrillin-2 and Tenascin-C bridge the age gap in lung epithelial regeneration. <i>Biomaterials</i> , 2017, 140, 212-219.	5.7	54
15	Bioengineering Lungs for Transplantation. <i>Thoracic Surgery Clinics</i> , 2016, 26, 163-171.	0.4	32
16	Regenerative potential of human airway stem cells in lung epithelial engineering. <i>Biomaterials</i> , 2016, 108, 111-119.	5.7	66
17	Bioengineering Human Myocardium on Native Extracellular Matrix. <i>Circulation Research</i> , 2016, 118, 56-72.	2.0	280
18	Proteomic analysis of naturally-sourced biological scaffolds. <i>Biomaterials</i> , 2016, 75, 37-46.	5.7	115

#	ARTICLE	IF	CITATIONS
19	Assessment of Proliferation and Cytotoxicity in a Biomimetic Three-Dimensional Model of Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2015, 100, 414-421.	0.7	25
20	Using Nature's Platform to Engineer Bio-Artificial Lungs. <i>Annals of the American Thoracic Society</i> , 2015, 12, S45-S49.	1.5	42
21	Design and validation of a clinical-scale bioreactor for long-term isolated lung culture. <i>Biomaterials</i> , 2015, 52, 79-87.	5.7	38
22	Engineering pulmonary vasculature in decellularized rat and human lungs. <i>Nature Biotechnology</i> , 2015, 33, 1097-1102.	9.4	199
23	Extended Biomimetic Culture and Functional Assessment of Recellularized Human Lungs. <i>FASEB Journal</i> , 2015, 29, 1029.18.	0.2	0
24	Abstract 309: Longitudinal monitoring of cell proliferation and cytotoxicity in a biomimetic 3D culture model for lung cancer using native extracellular matrix scaffolds. , 2015, , .		0
25	Perfusion decellularization of whole organs. <i>Nature Protocols</i> , 2014, 9, 1451-1468.	5.5	220
26	Enhanced Lung Epithelial Specification of Human Induced Pluripotent Stem Cells on Decellularized Lung Matrix. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1721-1729.	0.7	117
27	Perfusion decellularization of human and porcine lungs: Bringing the matrix to clinical scale. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 298-308.	0.3	229
28	Abstract 2037: A 3D model for lung cancer based on decellularized lung scaffolds allows for in vitro testing of viral oncolysis. , 2014, , .		0
29	Bone marrow-derived progenitor cells in end-stage lung disease patients. <i>BMC Pulmonary Medicine</i> , 2013, 13, 48.	0.8	11
30	Up-Scaling Decellularization and Whole Organ Culture for Human Lung Regeneration. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, S69-S70.	0.3	5
31	Regeneration and experimental orthotopic transplantation of a bioengineered kidney. <i>Nature Medicine</i> , 2013, 19, 646-651.	15.2	682
32	Altered progenitor cell and cytokine profiles in bronchiolitis obliterans syndrome. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 222-228.	0.3	25
33	350 Biologic Subtyping of Human Chronic Lung Allograft Dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, S124-S125.	0.3	0
34	Variable Recruitment Of Progenitor Cell Populations In End-Stage Lung Disease Patients Is Mediated By Inflammatory And Stem Cell-Specific Factors. , 2011, , .		0
35	Bone Marrow-Derived Cell Populations Are Differentially Mobilized In End-Stage Lung Disease Patients. , 2010, , .		0
36	Circulating Fibrocytes Are an Indicator of Poor Prognosis in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 588-594.	2.5	486

#	ARTICLE	IF	CITATIONS
37	The transforming growth factor-beta (TGF- β) family and pulmonary fibrosis. <i>Drug Discovery Today Disease Mechanisms</i> , 2006, 3, 99-103.	0.8	13
38	Cell-specific Gene Expression in Patients with Usual Interstitial Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 557-565.	2.5	40
39	Restoration of thrombospondin 1 expression in tumor cells harbouring mutant ras oncogene by treatment with low doses of doxycycline. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 109-114.	1.0	20