

# Tyler A Allen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6572839/publications.pdf>

Version: 2024-02-01

19  
papers

1,348  
citations

686830

13  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhalation of lung spheroid cell secretome and exosomes promotes lung repair in pulmonary fibrosis. <i>Nature Communications</i> , 2020, 11, 1064.	5.8	228
2	Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. <i>Nature Communications</i> , 2017, 8, 13724.	5.8	203
3	microRNA-21-5p dysregulation in exosomes derived from heart failure patients impairs regenerative potential. <i>Journal of Clinical Investigation</i> , 2019, 129, 2237-2250.	3.9	197
4	Targeted repair of heart injury by stem cells fused with platelet nanovesicles. <i>Nature Biomedical Engineering</i> , 2018, 2, 17-26.	11.6	161
5	Mesenchymal Stem Cell/Red Blood Cell-Inspired Nanoparticle Therapy in Mice with Carbon Tetrachloride-Induced Acute Liver Failure. <i>ACS Nano</i> , 2018, 12, 6536-6544.	7.3	109
6	Platelet-Inspired Nanocells for Targeted Heart Repair After Ischemia/Reperfusion Injury. <i>Advanced Functional Materials</i> , 2019, 29, 1803567.	7.8	92
7	Cardiac Stem Cell Patch Integrated with Microengineered Blood Vessels Promotes Cardiomyocyte Proliferation and Neovascularization after Acute Myocardial Infarction. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33088-33096.	4.0	66
8	Adult Lung Spheroid Cells Contain Progenitor Cells and Mediate Regeneration in Rodents With Bleomycin-Induced Pulmonary Fibrosis. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1265-1274.	1.6	56
9	A Regenerative Cardiac Patch Formed by Spray Painting of Biomaterials onto the Heart. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 146-155.	1.1	56
10	Angiopeliosis as an Alternative Mechanism of Cell Extravasation. <i>Stem Cells</i> , 2017, 35, 170-180.	1.4	42
11	Derivation of therapeutic lung spheroid cells from minimally invasive transbronchial pulmonary biopsies. <i>Respiratory Research</i> , 2017, 18, 132.	1.4	38
12	Circulating tumor cells exit circulation while maintaining multicellularity augmenting metastatic potential. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	36
13	Safety and Efficacy of Allogeneic Lung Spheroid Cells in a Mismatched Rat Model of Pulmonary Fibrosis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1905-1916.	1.6	27
14	Rapid and Efficient Production of Coronary Artery Ligation and Myocardial Infarction in Mice Using Surgical Clips. <i>PLoS ONE</i> , 2015, 10, e0143221.	1.1	12
15	Biological Aspects of Cancer Health Disparities. <i>Annual Review of Medicine</i> , 2021, 72, 229-241.	5.0	10
16	RNA splicing and aggregate gene expression differences in lung squamous cell carcinoma between patients of West African and European ancestry. <i>Lung Cancer</i> , 2021, 153, 90-98.	0.9	6
17	A Zebrafish Model of Metastatic Colonization Pinpoints Cellular Mechanisms of Circulating Tumor Cell Extravasation. <i>Frontiers in Oncology</i> , 2021, 11, 641187.	1.3	6
18	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 513-523.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Imaging and Isolation of Extravasation-Participating Endothelial and Melanoma Cells During Angiogenesis. Methods in Molecular Biology, 2021, 2265, 417-425.	0.4	0