

# 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

687363

13  
h-index

794594

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. Nature Communications, 2020, 11, 1064.	12.8	228
2	Therapeutic microparticles functionalized with biomimetic cardiac stem cell membranes and secretome. Nature Communications, 2017, 8, 13724.	12.8	203
3	microRNA-21-5p dysregulation in exosomes derived from heart failure patients impairs regenerative potential. Journal of Clinical Investigation, 2019, 129, 2237-2250.	8.2	197
4	Targeted repair of heart injury by stem cells fused with platelet nanovesicles. Nature Biomedical Engineering, 2018, 2, 17-26.	22.5	161
5	Mesenchymal Stem Cell/Red Blood Cell-Inspired Nanoparticle Therapy in Mice with Carbon Tetrachloride-Induced Acute Liver Failure. ACS Nano, 2018, 12, 6536-6544.	14.6	109
6	Platelet-Inspired Nanocells for Targeted Heart Repair After Ischemia/Reperfusion Injury. Advanced Functional Materials, 2019, 29, 1803567.	14.9	92
7	Cardiac Stem Cell Patch Integrated with Microengineered Blood Vessels Promotes Cardiomyocyte Proliferation and Neovascularization after Acute Myocardial Infarction. ACS Applied Materials & Interfaces, 2018, 10, 33088-33096.	8.0	66
8	Adult Lung Spheroid Cells Contain Progenitor Cells and Mediate Regeneration in Rodents With Bleomycin-Induced Pulmonary Fibrosis. Stem Cells Translational Medicine, 2015, 4, 1265-1274.	3.3	56
9	A Regenerative Cardiac Patch Formed by Spray Painting of Biomaterials onto the Heart. Tissue Engineering - Part C: Methods, 2017, 23, 146-155.	2.1	56
10	Angiopeliosis as an Alternative Mechanism of Cell Extravasation. Stem Cells, 2017, 35, 170-180.	3.2	42
11	Derivation of therapeutic lung spheroid cells from minimally invasive transbronchial pulmonary biopsies. Respiratory Research, 2017, 18, 132.	3.6	38
12	Circulating tumor cells exit circulation while maintaining multicellularity augmenting metastatic potential. Journal of Cell Science, 2019, 132, .	2.0	36
13	Safety and Efficacy of Allogeneic Lung Spheroid Cells in a Mismatched Rat Model of Pulmonary Fibrosis. Stem Cells Translational Medicine, 2017, 6, 1905-1916.	3.3	27
14	Rapid and Efficient Production of Coronary Artery Ligation and Myocardial Infarction in Mice Using Surgical Clips. PLoS ONE, 2015, 10, e0143221.	2.5	12
15	Biological Aspects of Cancer Health Disparities. Annual Review of Medicine, 2021, 72, 229-241.	12.2	10
16	RNA splicing and aggregate gene expression differences in lung squamous cell carcinoma between patients of West African and European ancestry. Lung Cancer, 2021, 153, 90-98.	2.0	6
17	A Zebrafish Model of Metastatic Colonization Pinpoints Cellular Mechanisms of Circulating Tumor Cell Extravasation. Frontiers in Oncology, 2021, 11, 641187.	2.8	6
18	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. Prostate Cancer and Prostatic Diseases, 2022, 25, 513-523.	3.9	2

#	ARTICLE	IF	CITATIONS
19	Imaging and Isolation of Extravasation-Participating Endothelial and Melanoma Cells During Angiopellosis. Methods in Molecular Biology, 2021, 2265, 417-425.	0.9	0