

# Jacqueline Bliley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5556927/publications.pdf>

Version: 2024-02-01

22  
papers

1,816  
citations

567144

15  
h-index

677027

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3001  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019, 365, 482-487.	6.0	1,116
2	Organ-on-a-chip: Three-dimensional self-rolled biosensor array for electrical interrogations of human electrogenic spheroids. <i>Science Advances</i> , 2019, 5, eaax0729.	4.7	132
3	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	94
4	Characteristics and Immunomodulating Functions of Adipose-Derived and Bone Marrow-Derived Mesenchymal Stem Cells Across Defined Human Leukocyte Antigen Barriers. <i>Frontiers in Immunology</i> , 2018, 9, 1642.	2.2	59
5	Dynamic loading of human engineered heart tissue enhances contractile function and drives a desmosome-linked disease phenotype. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	48
6	Administration of adipose-derived stem cells enhances vascularity, induces collagen deposition, and dermal adipogenesis in burn wounds. <i>Burns</i> , 2016, 42, 1212-1222.	1.1	46
7	Graphene Microelectrode Arrays for Electrical and Optical Measurements of Human Stem Cell-Derived Cardiomyocytes. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 407-418.	1.0	35
8	Intracellular action potential recordings from cardiomyocytes by ultrafast pulsed laser irradiation of fuzzy graphene microelectrodes. <i>Science Advances</i> , 2021, 7, .	4.7	35
9	Delivery of adipose-derived stem cells in poloxamer hydrogel improves peripheral nerve regeneration. <i>Muscle and Nerve</i> , 2018, 58, 251-260.	1.0	33
10	Delivery of chondroitinase ABC and glial cell line-derived neurotrophic factor from silk fibroin conduits enhances peripheral nerve regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 733-742.	1.3	29
11	Three-dimensional fuzzy graphene ultra-microelectrodes for subcellular electrical recordings. <i>Nano Research</i> , 2020, 13, 1444-1452.	5.8	26
12	Engineering aligned human cardiac muscle using developmentally inspired fibronectin micropatterns. <i>Scientific Reports</i> , 2021, 11, 11502.	1.6	24
13	Gain-of-function mutation in ubiquitin ligase KLHL24 causes desmin degradation and dilatation in hiPSC-derived engineered heart tissues. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	22
14	Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. <i>ELife</i> , 2022, 11, .	2.8	22
15	FRESH 3D bioprinting a contractile heart tube using human stem cell-derived cardiomyocytes. <i>Biofabrication</i> , 2022, 14, 024106.	3.7	20
16	Changing the Paradigm of Craniofacial Reconstruction. <i>Annals of Surgery</i> , 2021, 273, 1004-1011.	2.1	15
17	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 1349-1352.	0.7	14
18	Imaging the Stromal Vascular Fraction during Soft-Tissue Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 1205-1215.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Adipose Stem Cells Enhance Nerve Regeneration and Muscle Function in a Peroneal Nerve Ablation Model. <i>Tissue Engineering - Part A</i> , 2021, 27, 297-310.	1.6	11
20	Long-term Patency of Primary Arterial Repair and the Modified Cold Intolerance Symptom Severity Questionnaire. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e551.	0.3	9
21	Ethylene Oxide Sterilization Preserves Bioactivity and Attenuates Burst Release of Encapsulated Glial Cell Line Derived Neurotrophic Factor from Tissue Engineered Nerve Guides For Long Gap Peripheral Nerve Repair. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 504-512.	2.6	6
22	Treatment of burn contractures with allogeneic human dermal fibroblasts improves Vancouver scar scale: A phase I/II trial. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 3443-3476.	0.5	1