

# Jacqueline Bliley

## List of Publications by Citations

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24  
papers

997  
citations

11  
h-index

27  
g-index

27  
ext. papers

1,409  
ext. citations

8.6  
avg. IF

4.47  
L-index

#	Paper	IF	Citations
24	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , <b>2019</b> , 365, 482-487	33.3	629
23	Organ-on-a-chip: Three-dimensional self-rolled biosensor array for electrical interrogations of human electrogenic spheroids. <i>Science Advances</i> , <b>2019</b> , 5, eaax0729	14.3	60
22	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	53
21	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> , <b>2018</b> , 9, 1642	8.4	44
20	Administration of adipose-derived stem cells enhances vascularity, induces collagen deposition, and dermal adipogenesis in burn wounds. <i>Burns</i> , <b>2016</b> , 42, 1212-22	2.3	34
19	Delivery of adipose-derived stem cells in poloxamer hydrogel improves peripheral nerve regeneration. <i>Muscle and Nerve</i> , <b>2018</b> , 58, 251-260	3.4	25
18	Graphene Microelectrode Arrays for Electrical and Optical Measurements of Human Stem Cell-Derived Cardiomyocytes. <i>Cellular and Molecular Bioengineering</i> , <b>2018</b> , 11, 407-418	3.9	23
17	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> , <b>2017</b> , 11, 733-742	4.4	22
16	Three-dimensional fuzzy graphene ultra-microelectrodes for subcellular electrical recordings. <i>Nano Research</i> , <b>2020</b> , 13, 1444-1452	10	15
15	Dynamic loading of human engineered heart tissue enhances contractile function and drives a desmosome-linked disease phenotype. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	14
14	Intracellular action potential recordings from cardiomyocytes by ultrafast pulsed laser irradiation of fuzzy graphene microelectrodes. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
13	Imaging the Stromal Vascular Fraction during Soft-Tissue Reconstruction. <i>Plastic and Reconstructive Surgery</i> , <b>2015</b> , 136, 1205-1215	2.7	10
12	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. <i>Plastic and Reconstructive Surgery</i> , <b>2018</b> , 142, 1349-1352	2.7	10
11	Long-term Patency of Primary Arterial Repair and the Modified Cold Intolerance Symptom Severity Questionnaire. <i>Plastic and Reconstructive Surgery - Global Open</i> , <b>2015</b> , 3, e551	1.2	7
10	Engineering aligned human cardiac muscle using developmentally inspired fibronectin micropatterns. <i>Scientific Reports</i> , <b>2021</b> , 11, 11502	4.9	7
9	Adipose Stem Cells Enhance Nerve Regeneration and Muscle Function in a Peroneal Nerve Ablation Model. <i>Tissue Engineering - Part A</i> , <b>2021</b> , 27, 297-310	3.9	7
8	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> , <b>2015</b> , 1, 504-512	5.5	5

7	Changing the Paradigm of Craniofacial Reconstruction: A Prospective Clinical Trial of Autologous Fat Transfer for Craniofacial Deformities. <i>Annals of Surgery</i> , <b>2021</b> , 273, 1004-1011	7.8	5
6	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> , <b>2021</b> ,	15.9	5
5	Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells.. <i>ELife</i> , <b>2022</b> , 11,	8.9	4
4	FRESH 3D bioprinting a contractile heart tube using human stem cell-derived cardiomyocytes.. <i>Biofabrication</i> , <b>2022</b> ,	10.5	3
3	Dynamic Loading of Human Engineered Heart Tissue Enhances Contractile Function and Drives Desmosome-linked Disease Phenotype		1
2	Fibronectin-Based Nanomechanical Biosensors to Map 3D Strains in Live Cells and Tissues		1
1	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> , <b>2021</b> , 74, 3443-3476	1.7	1