

Jacqueline Bliley

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells.. <i>ELife</i> , 2022 , 11,	8.9	4
23	FRESH 3D bioprinting a contractile heart tube using human stem cell-derived cardiomyocytes.. <i>Biofabrication</i> , 2022 ,	10.5	3
22	Intracellular action potential recordings from cardiomyocytes by ultrafast pulsed laser irradiation of fuzzy graphene microelectrodes. <i>Science Advances</i> , 2021 , 7,	14.3	11
21	Engineering aligned human cardiac muscle using developmentally inspired fibronectin micropatterns. <i>Scientific Reports</i> , 2021 , 11, 11502	4.9	7
20	Dynamic loading of human engineered heart tissue enhances contractile function and drives a desmosome-linked disease phenotype. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	14
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	3.9	7
18	Changing the Paradigm of Craniofacial Reconstruction: A Prospective Clinical Trial of Autologous Fat Transfer for Craniofacial Deformities. <i>Annals of Surgery</i> , 2021 , 273, 1004-1011	7.8	5
17	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	1.7	1
16	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 ,	15.9	5
15	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	53
14	Three-dimensional fuzzy graphene ultra-microelectrodes for subcellular electrical recordings. <i>Nano Research</i> , 2020 , 13, 1444-1452	10	15
13	Organ-on-a-chip: Three-dimensional self-rolled biosensor array for electrical interrogations of human electrogenic spheroids. <i>Science Advances</i> , 2019 , 5, eaax0729	14.3	60
12	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019 , 365, 482-487	33.3	629
11	Delivery of adipose-derived stem cells in poloxamer hydrogel improves peripheral nerve regeneration. <i>Muscle and Nerve</i> , 2018 , 58, 251-260	3.4	25
10	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	8.4	44
9	Graphene Microelectrode Arrays for Electrical and Optical Measurements of Human Stem Cell-Derived Cardiomyocytes. <i>Cellular and Molecular Bioengineering</i> , 2018 , 11, 407-418	3.9	23
8	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. <i>Plastic and Reconstructive Surgery</i> , 2018 , 142, 1349-1352	2.7	10

7	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	4.4	22
6	Administration of adipose-derived stem cells enhances vascularity, induces collagen deposition, and dermal adipogenesis in burn wounds. <i>Burns</i> , 2016 , 42, 1212-22	2.3	34
5	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	5.5	5
4	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	1.2	7
3	Imaging the Stromal Vascular Fraction during Soft-Tissue Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2015 , 136, 1205-1215	2.7	10
2	Dynamic Loading of Human Engineered Heart Tissue Enhances Contractile Function and Drives Desmosome-linked Disease Phenotype		1
1	Fibronectin-Based Nanomechanical Biosensors to Map 3D Strains in Live Cells and Tissues		1