

Soah Lee

List of Publications by Year in descending order

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19
papers

919
citations

687363

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888059

17
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1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt Activation and Reduced Cell-Cell Contact Synergistically Induce Massive Expansion of Functional Human iPSC-Derived Cardiomyocytes. <i>Cell Stem Cell</i> , 2020, 27, 50-63.e5.	11.1	112
2	The effects of varying poly(ethylene glycol) hydrogel crosslinking density and the crosslinking mechanism on protein accumulation in three-dimensional hydrogels. <i>Acta Biomaterialia</i> , 2014, 10, 4167-4174.	8.3	109
3	Bioacoustic-enabled patterning of human iPSC-derived cardiomyocytes into 3D cardiac tissue. <i>Biomaterials</i> , 2017, 131, 47-57.	11.4	99
4	A Premature Termination Codon Mutation in MYBPC3 Causes Hypertrophic Cardiomyopathy via Chronic Activation of Nonsense-Mediated Decay. <i>Circulation</i> , 2019, 139, 799-811.	1.6	91
5	Intrinsic Endocardial Defects Contribute to Hypoplastic Left Heart Syndrome. <i>Cell Stem Cell</i> , 2020, 27, 574-589.e8.	11.1	89
6	Contractile force generation by 3D hiPSC-derived cardiac tissues is enhanced by rapid establishment of cellular interconnection in matrix with muscle-mimicking stiffness. <i>Biomaterials</i> , 2017, 131, 111-120.	11.4	72
7	Effects of the poly(ethylene glycol) hydrogel crosslinking mechanism on protein release. <i>Biomaterials Science</i> , 2016, 4, 405-411.	5.4	61
8	Hydrogels with enhanced protein conjugation efficiency reveal stiffness-induced YAP localization in stem cells depends on biochemical cues. <i>Biomaterials</i> , 2019, 202, 26-34.	11.4	59
9	Long-Term Controlled Protein Release from Poly(Ethylene Glycol) Hydrogels by Modulating Mesh Size and Degradation. <i>Macromolecular Bioscience</i> , 2015, 15, 1679-1686.	4.1	43
10	Biochemical Ligand Density Regulates Yes-Associated Protein Translocation in Stem Cells through Cytoskeletal Tension and Integrins. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8849-8857.	8.0	38
11	Bioprinting Approaches to Engineering Vascularized 3D Cardiac Tissues. <i>Current Cardiology Reports</i> , 2019, 21, 90.	2.9	35
12	Patient-Specific Induced Pluripotent Stem Cells Implicate Intrinsic Impaired Contractility in Hypoplastic Left Heart Syndrome. <i>Circulation</i> , 2020, 142, 1605-1608.	1.6	33
13	Massive expansion and cryopreservation of functional human induced pluripotent stem cell-derived cardiomyocytes. <i>STAR Protocols</i> , 2021, 2, 100334.	1.2	24
14	CRISPR/Cas9-based targeting of fluorescent reporters to human iPSCs to isolate atrial and ventricular-specific cardiomyocytes. <i>Scientific Reports</i> , 2021, 11, 3026.	3.3	18
15	Levitating Cells to Sort the Fit and the Fat. <i>Advanced Biology</i> , 2020, 4, 1900300.	3.0	15
16	Winner of the Young Investigator Award of the Society for Biomaterials (USA) for 2016, 10th World Biomaterials Congress, May 17-22, 2016, Montreal QC, Canada: Aligned microribbon-like hydrogels for guiding three-dimensional smooth muscle tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1064-1071.	4.0	10
17	Simple Lithography-Free Single Cell Micropatterning using Laser-Cut Stencils. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	10
18	Cell Sorting: Levitating Cells to Sort the Fit and the Fat (Adv. Biosys. 6/2020). <i>Advanced Biology</i> , 2020, 4, 2070062.	3.0	0

#	ARTICLE	IF	CITATIONS
19	Abstract 10754: Disrupted N-Cadherin Expression Leads to Sarcomeric Disassembly and Cell Cycle Activation in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Circulation</i> , 2021, 144, .	1.6	0