

Kevin M Beussman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

542
citations

1039406

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996533

15
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21
all docs

21
docs citations

21
times ranked

1170
citing authors

#	ARTICLE	IF	CITATIONS
1	Black dots: High-yield traction force microscopy reveals structural factors contributing to platelet forces. <i>Acta Biomaterialia</i> , 2023, 163, 302-311.	4.1	8
2	Black Dots: Microcontact Printed Reference-Free Traction Force Microscopy. <i>Biophysical Journal</i> , 2021, 120, 363a-364a.	0.2	0
3	Engrafted Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes Undergo Clonal Expansion In Vivo. <i>Circulation</i> , 2021, 143, 1635-1638.	1.6	9
4	A Rainbow Reporter Tracks Single Cells and Reveals Heterogeneous Cellular Dynamics among Pluripotent Stem Cells and Their Differentiated Derivatives. <i>Stem Cell Reports</i> , 2020, 15, 226-241.	2.3	16
5	Chromatin compartment dynamics in a haploinsufficient model of cardiac laminopathy. <i>Journal of Cell Biology</i> , 2019, 218, 2919-2944.	2.3	46
6	TFPa/HADHA is required for fatty acid beta-oxidation and cardiolipin re-modeling in human cardiomyocytes. <i>Nature Communications</i> , 2019, 10, 4671.	5.8	77
7	Cronos Titin Is Expressed in Human Cardiomyocytes and Necessary for Normal Sarcomere Function. <i>Circulation</i> , 2019, 140, 1647-1660.	1.6	50
8	The consequence of substrates of large-scale rigidity on actin network tension in adherent cells. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 1073-1082.	0.9	3
9	Substrate Stiffness, Cell Anisotropy, and Cell-Cell Contact Contribute to Enhanced Structural and Calcium Handling Properties of Human Embryonic Stem Cell-Derived Cardiomyocytes. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3876-3888.	2.6	26
10	LAMP-2B regulates human cardiomyocyte function by mediating autophagosome-lysosome fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 556-565.	3.3	78
11	Afterload promotes maturation of human induced pluripotent stem cell derived cardiomyocytes in engineered heart tissues. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 147-158.	0.9	127
12	In silico CDM model sheds light on force transmission in cell from focal adhesions to nucleus. <i>Journal of Biomechanics</i> , 2016, 49, 2625-2634.	0.9	10
13	Micropost arrays for measuring stem cell-derived cardiomyocyte contractility. <i>Methods</i> , 2016, 94, 43-50.	1.9	76
14	Methodological inaccuracies in clinical aortic valve severity assessment: insights from computational fluid dynamic modeling of CT-derived aortic valve anatomy. <i>Theoretical and Computational Fluid Dynamics</i> , 2016, 30, 107-128.	0.9	7
15	Viscous Droplet Interaction With Micro-Textured Solid Surfaces. , 2014, , .		0
16	Deformation and migration of a leaky-dielectric droplet in a steady non-uniform electric field. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 907-921.	1.0	5
17	Dynamics of Viscous Droplets Falling Towards Micro-Patterned Solid Surfaces. , 2013, , .		0
18	Computational Studies of Droplet Dynamics in a Steady Electric Field. , 2012, , .		0