

Joshua T Maxwell

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,114
citations

643344

15
h-index

651938

25
g-index

27
all docs

27
docs citations

27
times ranked

2325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | <i>In vivo</i> evaluation of bioprinted cardiac patches composed of cardiac-specific extracellular matrix and progenitor cells in a model of pediatric heart failure. <i>Biomaterials Science</i> , 2022, 10, 444-456. | 2.6 | 12 |
| 2 | Loss of cardiac myosin light chain kinase contributes to contractile dysfunction in right ventricular pressure overload. <i>Physiological Reports</i> , 2022, 10, e15238. | 0.7 | 1 |
| 3 | Carfilzomib Treatment Causes Molecular and Functional Alterations of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Journal of the American Heart Association</i> , 2021, 10, e022247. | 1.6 | 15 |
| 4 | Predicting Functional Responses of Progenitor Cell Exosome Potential with Computational Modeling. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1212-1221. | 1.6 | 18 |
| 5 | Electrical Stimulation of pediatric cardiac-derived c-kit+ progenitor cells improves retention and cardiac function in right ventricular heart failure. <i>Stem Cells</i> , 2019, 37, 1528-1541. | 1.4 | 9 |
| 6 | Aggregation of Child Cardiac Progenitor Cells Into Spheres Activates Notch Signaling and Improves Treatment of Right Ventricular Heart Failure. <i>Circulation Research</i> , 2019, 124, 526-538. | 2.0 | 36 |
| 7 | Analyses of Mitochondrial Calcium Influx in Isolated Mitochondria and Cultured Cells. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.2 | 12 |
| 8 | Targeted Elimination of Tumorigenic Human Pluripotent Stem Cells Using Suicide-Inducing Virus-like Particles. <i>ACS Chemical Biology</i> , 2018, 13, 2329-2338. | 1.6 | 15 |
| 9 | The mitochondrial calcium uniporter underlies metabolic fuel preference in skeletal muscle. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 60 |
| 10 | A novel mechanism of tandem activation of ryanodine receptors by cytosolic and SR luminal Ca ²⁺ during excitation-contraction coupling in atrial myocytes. <i>Journal of Physiology</i> , 2017, 595, 3835-3845. | 1.3 | 28 |
| 11 | Experimental, Systems, and Computational Approaches to Understanding the MicroRNA-Mediated Reparative Potential of Cardiac Progenitor Cell-Derived Exosomes From Pediatric Patients. <i>Circulation Research</i> , 2017, 120, 701-712. | 2.0 | 141 |
| 12 | Electrically Induced Calcium Handling in Cardiac Progenitor Cells. <i>Stem Cells International</i> , 2016, 2016, 1-11. | 1.2 | 7 |
| 13 | Fibronectin and Cyclic Strain Improve Cardiac Progenitor Cell Regenerative Potential <i>In Vitro</i> . <i>Stem Cells International</i> , 2016, 2016, 1-11. | 1.2 | 23 |
| 14 | A human pluripotent stem cell model of catecholaminergic polymorphic ventricular tachycardia recapitulates patient-specific drug responses. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 927-39. | 1.2 | 45 |
| 15 | Knockdown of TNF- α by DNAzyme gold nanoparticles as an anti-inflammatory therapy for myocardial infarction. <i>Biomaterials</i> , 2016, 83, 12-22. | 5.7 | 100 |
| 16 | Cytosolic and nuclear calcium signaling in atrial myocytes: IP ₃ -mediated calcium release and the role of mitochondria. <i>Channels</i> , 2015, 9, 129-138. | 1.5 | 25 |
| 17 | Bioactive nanoparticles improve calcium handling in failing cardiac myocytes. <i>Nanomedicine</i> , 2015, 10, 3343-3357. | 1.7 | 14 |
| 18 | Inositol 1,4,5-trisphosphate induced Ca ²⁺ release and excitation-contraction coupling in atrial myocytes from normal and failing hearts. <i>Journal of Physiology</i> , 2015, 593, 1459-1477. | 1.3 | 66 |

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|----|---|-----|-----------|
| 19 | Identification of Therapeutic Covariant MicroRNA Clusters in Hypoxia-Treated Cardiac Progenitor Cell Exosomes Using Systems Biology. <i>Circulation Research</i> , 2015, 116, 255-263. | 2.0 | 328 |
| 20 | Spatially Defined InsP3-Mediated Signaling in Embryonic Stem Cell-Derived Cardiomyocytes. <i>PLoS ONE</i> , 2014, 9, e83715. | 1.1 | 15 |
| 21 | Urocortin 2 stimulates nitric oxide production in ventricular myocytes via Akt- and PKA-mediated phosphorylation of eNOS at serine 1177. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H689-H700. | 1.5 | 24 |
| 22 | β_2 -adrenergic stimulation increases the intra-SR Ca termination threshold for spontaneous Ca waves in cardiac myocytes. <i>Channels</i> , 2013, 7, 206-210. | 1.5 | 4 |
| 23 | Facilitation of cytosolic calcium wave propagation by local calcium uptake into the sarcoplasmic reticulum in cardiac myocytes. <i>Journal of Physiology</i> , 2012, 590, 6037-6045. | 1.3 | 31 |
| 24 | β_2 -Adrenergic stimulation increases the intra-sarcoplasmic reticulum Ca^{2+} threshold for Ca^{2+} wave generation. <i>Journal of Physiology</i> , 2012, 590, 6093-6108. | 1.3 | 11 |
| 25 | Dantrolene prevents arrhythmogenic Ca^{2+} release in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H953-H963. | 1.5 | 74 |