

# Joshua Mayourian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3527442/publications.pdf>

Version: 2024-02-01

18  
papers

740  
citations

933447

10  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1264  
citing authors

#	ARTICLE	IF	CITATIONS
1	FTO-Dependent N <sup>6</sup> -Methyladenosine Regulates Cardiac Function During Remodeling and Repair. <i>Circulation</i> , 2019, 139, 518-532.	1.6	369
2	Exosomal microRNA-21-5p Mediates Mesenchymal Stem Cell Paracrine Effects on Human Cardiac Tissue Contractility. <i>Circulation Research</i> , 2018, 122, 933-944.	4.5	129
3	Physiologic, Pathologic, and Therapeutic Paracrine Modulation of Cardiac Excitation-Contraction Coupling. <i>Circulation Research</i> , 2018, 122, 167-183.	4.5	59
4	Experimental and Computational Insight Into Human Mesenchymal Stem Cell Paracrine Signaling and Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. <i>Circulation Research</i> , 2017, 121, 411-423.	4.5	56
5	PPARdelta activation induces metabolic and contractile maturation of human pluripotent stem cell-derived cardiomyocytes. <i>Cell Stem Cell</i> , 2022, 29, 559-576.e7.	11.1	34
6	Functional and transcriptomic insights into pathogenesis of R9C phospholamban mutation using human induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 147-154.	1.9	25
7	Modeling Electrophysiological Coupling and Fusion between Human Mesenchymal Stem Cells and Cardiomyocytes. <i>PLoS Computational Biology</i> , 2016, 12, e1005014.	3.2	18
8	Adult human cardiac stem cell supplementation effectively increases contractile function and maturation in human engineered cardiac tissues. <i>Stem Cell Research and Therapy</i> , 2019, 10, 373.	5.5	17
9	Cardiac Tissue Engineering Models of Inherited and Acquired Cardiomyopathies. <i>Methods in Molecular Biology</i> , 2018, 1816, 145-159.	0.9	16
10	An Introduction to Computational Modeling of Cardiac Electrophysiology and Arrhythmogenicity. <i>Methods in Molecular Biology</i> , 2018, 1816, 17-35.	0.9	15
11	Abstract 584: FTO-Dependent m6A Regulates Cardiomyocyte and Cardiac Function During Remodeling and Repair. <i>Circulation Research</i> , 2018, 123, .	4.5	1
12	In silico Cell Therapy Model Restores Failing Human Myocyte Electrophysiology and Calcium Cycling in Fibrotic Myocardium. <i>Frontiers in Physiology</i> , 2021, 12, 755881.	2.8	1
13	Modeling Electrophysiological Interactions between Mesenchymal Stem Cells and Cardiomyocytes for Improved Cell Delivery Cardiotherapeutics. <i>Biophysical Journal</i> , 2016, 110, 271a.	0.5	0
14	Human Mesenchymal Stem Cell Paracrine Signaling Counteracts Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. <i>Biophysical Journal</i> , 2017, 112, 162a.	0.5	0
15	2525 Development of human cell-based screening assays to detect subject-specific drug-response variability. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 9-10.	0.6	0
16	Abstract 130: Secretion of Angiogenic and Anti-apoptotic Factors Accompanies Mesenchymal Stem Cell-mediated Enhancement of Contractile Function in Engineered Cardiac Tissues. <i>Circulation Research</i> , 2013, 113, .	4.5	0
17	Abstract 301: An m6A Demethylase, FTO Mediates Post-transcriptional mRNA Modifications to Regulate Cardiac and Cardiomyocyte Function. <i>Circulation Research</i> , 2018, 123, .	4.5	0
18	Abstract 326: FTO-mediated mRNA Demethylation Regulates Cardiac Contractile Protein Expression and Function. <i>Circulation Research</i> , 2019, 125, .	4.5	0