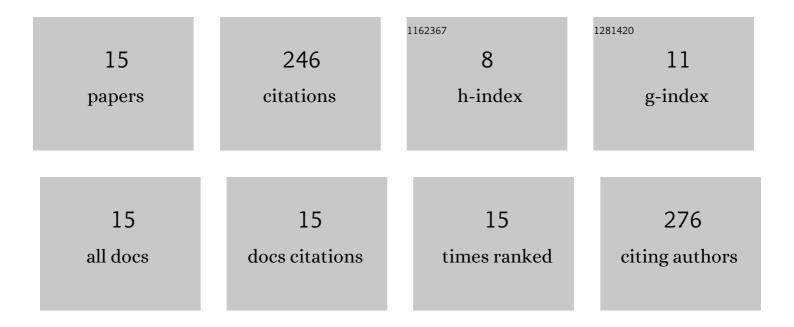
## Davi M Lyra Leite

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3798414/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Mitochondrial function in engineered cardiac tissues is regulated by extracellular matrix elasticity and tissue alignment. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H757-H767.	1.5	48
2	Identification of Drug Transporter Genomic Variants and Inhibitors That Protect Against Doxorubicin-Induced Cardiotoxicity. Circulation, 2022, 145, 279-294.	1.6	46
3	RARG variant predictive of doxorubicin-induced cardiotoxicity identifies a cardioprotective therapy. Cell Stem Cell, 2021, 28, 2076-2089.e7.	5.2	36
4	Engineering cardiac microphysiological systems to model pathological extracellular matrix remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H771-H789.	1.5	24
5	Engineering micromyocardium to delineate cellular and extracellular regulation of myocardial tissue contractility. Integrative Biology (United Kingdom), 2017, 9, 730-741.	0.6	21
6	Microenvironmental Modulation of Calcium Wave Propagation Velocity in Engineered Cardiac Tissues. Cellular and Molecular Bioengineering, 2018, 11, 337-352.	1.0	21
7	Improved MRI reconstruction and denoising using SVD-based low-rank approximation. , 2012, , .		13
8	Matrix-guided control of mitochondrial function in cardiac myocytes. Acta Biomaterialia, 2019, 97, 281-295.	4.1	11
9	Mitochondrial architecture in cardiac myocytes depends on cell shape and matrix rigidity. Journal of Molecular and Cellular Cardiology, 2021, 150, 32-43.	0.9	11
10	Regulation of calcium dynamics and propagation velocity by tissue microstructure in engineered strands of cardiac tissue. Integrative Biology (United Kingdom), 2020, 12, 34-46.	0.6	9
11	Parallel imaging acceleration of spiral Fourier velocity encoded MRI using SPIRiT. , 2012, 2012, 416-9.		2
12	Pluripotent Stem Cell Modeling of Anticancer Therapy–Induced Cardiotoxicity. Current Cardiology Reports, 2020, 22, 56.	1.3	2
13	Simulations of a dynamical system model for electronic circuits. , 2012, , .		1
14	Generating a Costâ€Effective, Weekendâ€Free Chemically Defined Human Induced Pluripotent Stem Cell (hiPSC) Culture Medium. Current Protocols in Stem Cell Biology, 2020, 53, e110.	3.0	1
15	Abstract 534: Chemically Defined Cell Culture Media for High Yield Differentiation of Functional Human Cardiac Myocytes. Circulation Research, 2020, 127, .	2.0	0