

# Davi M Lyra Leite

## List of Publications by Year in descending order

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15  
papers

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citations

1162367

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1281420

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docs citations

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times ranked

276  
citing authors

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