

# 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

15  
papers

246  
citations

1162367

8  
h-index

1281420

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

276  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 2  | Identification of Drug Transporter Genomic Variants and Inhibitors That Protect Against Doxorubicin-Induced Cardiotoxicity. <i>Circulation</i> , 2022, 145, 279-294.  | 1.6 | 46        |
| 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  | 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        |
| 5  | 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        |
| 6  | Microenvironmental Modulation of Calcium Wave Propagation Velocity in Engineered Cardiac Tissues. <i>Cellular and Molecular Bioengineering</i> , 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. <i>Acta Biomaterialia</i> , 2019, 97, 281-295.   | 4.1 | 11        |
| 9  | 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        |
| 10 | 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         |
| 11 | Parallel imaging acceleration of spiral Fourier velocity encoded MRI using SPIRiT. , 2012, 2012, 416-9.   |     | 2         |
| 12 | Pluripotent Stem Cell Modeling of Anticancer Therapyâ€œInduced Cardiotoxicity. <i>Current Cardiology Reports</i> , 2020, 22, 56.  | 1.3 | 2         |
| 13 | Simulations of a dynamical system model for electronic circuits. , 2012, , .  |     | 1         |
| 14 | Generating a Costâ€œEffective, Weekendâ€œFree Chemically Defined Human Induced Pluripotent Stem Cell (hiPSC) Culture Medium. <i>Current Protocols in Stem Cell Biology</i> , 2020, 53, e110.                                | 3.0 | 1         |
| 15 | 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         |