

Enno de Lange

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4896749/publications.pdf>

Version: 2024-02-01

20
papers

1,173
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1290
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Stochastic pacing reveals the propensity to cardiac action potential alternans and uncovers its underlying dynamics. <i>Journal of Physiology</i> , 2016, 594, 2537-2553. | 2.9 | 17 |
| 2 | Myokit: A simple interface to cardiac cellular electrophysiology. <i>Progress in Biophysics and Molecular Biology</i> , 2016, 120, 100-114. | 2.9 | 97 |
| 3 | Delayed afterdepolarizations generate both triggers and a vulnerable substrate promoting reentry in cardiac tissue. <i>Heart Rhythm</i> , 2015, 12, 2115-2124. | 0.7 | 59 |
| 4 | Pro- and antiarrhythmic effects of ATP-sensitive potassium current activation on reentry during early afterdepolarization-mediated arrhythmias. <i>Heart Rhythm</i> , 2013, 10, 575-582. | 0.7 | 14 |
| 5 | Computational tools to investigate genetic cardiac channelopathies. <i>Frontiers in Physiology</i> , 2013, 4, 390. | 2.8 | 6 |
| 6 | Computational Modeling and Numerical Methods for Spatiotemporal Calcium Cycling in Ventricular Myocytes. <i>Frontiers in Physiology</i> , 2012, 3, 114. | 2.8 | 58 |
| 7 | Uncovering the Dynamics of Cardiac Systems Using Stochastic Pacing and Frequency Domain Analyses. <i>PLoS Computational Biology</i> , 2012, 8, e1002399. | 3.2 | 16 |
| 8 | Bi-stable wave propagation and early afterdepolarization-mediated cardiac arrhythmias. <i>Heart Rhythm</i> , 2012, 9, 115-122. | 0.7 | 53 |
| 9 | Differential conditions for early afterdepolarizations and triggered activity in cardiomyocytes derived from transgenic LQT1 and LQT2 rabbits. <i>Journal of Physiology</i> , 2012, 590, 1171-1180. | 2.9 | 104 |
| 10 | Dynamics of Early Afterdepolarization-Mediated Triggered Activity in Cardiac Monolayers. <i>Biophysical Journal</i> , 2012, 102, 2706-2714. | 0.5 | 35 |
| 11 | Synchronization of Early Afterdepolarizations and Arrhythmogenesis in Heterogeneous Cardiac Tissue Models. <i>Biophysical Journal</i> , 2012, 103, 365-373. | 0.5 | 46 |
| 12 | Accurate Prediction of Alternans in Cardiac Cells Using Stochastic Pacing and Transfer Function Analysis. <i>Biophysical Journal</i> , 2011, 100, 436a. | 0.5 | 0 |
| 13 | Supernormal Excitability Causes Alternans, Block, Wavebreak and Reentry in Cardiac Tissue. <i>Biophysical Journal</i> , 2011, 100, 435a. | 0.5 | 3 |
| 14 | Effects of stochastic channel gating and distribution on the cardiac action potential. <i>Journal of Theoretical Biology</i> , 2011, 281, 84-96. | 1.7 | 44 |
| 15 | Effects of Stochastic Channel Gating and Stochastic Channel Distribution on the Cardiac Action Potential. <i>Biophysical Journal</i> , 2010, 98, 334a. | 0.5 | 0 |
| 16 | Alternans Resonance and Propagation Block during Supernormal Conduction in Cardiac Tissue with Decreased $[K^+]_o$. <i>Biophysical Journal</i> , 2010, 98, 1129-1138. | 0.5 | 16 |
| 17 | The Transfer Functions of Cardiac Tissue during Stochastic Pacing. <i>Biophysical Journal</i> , 2009, 96, 294-311. | 0.5 | 16 |
| 18 | Predicting single spikes and spike patterns with the Hindmarsh-Rose model. <i>Biological Cybernetics</i> , 2008, 99, 349-360. | 1.3 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Hindmarsh-Rose neuron model: Bifurcation analysis and piecewise-linear approximations. Chaos, 2008, 18, 033128. | 2.5 | 188 |
| 20 | Synchronization of Bursting Neurons: What Matters in the Network Topology. Physical Review Letters, 2005, 94, 188101. | 7.8 | 378 |