# Chantal J M Van Opbergen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3188343/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 18 papers | 482 citations | 759233 12 h-index | 996975 15 g-index |
| 18 all docs | 18 docs citations | 18 times ranked | 905 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Plakophilin-2 is required for transcription of genes that control calcium cycling and cardiac rhythm. Nature Communications, 2017, 8, 106. | 12.8 | 149 |
| 2 | Gelatin Microspheres as Vehicle for Cardiac Progenitor Cells Delivery to the Myocardium. Advanced Healthcare Materials, 2016, 5, 1071-1079. | 7.6 | 42 |
| 3 | Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. Journal of Clinical Investigation, 2019, 129, 3171-3184. | 8.2 | 42 |
| 4 | Optogenetic sensors in the zebrafish heart: a novel in vivo electrophysiological tool to study cardiac arrhythmogenesis. Theranostics, 2018, 8, 4750-4764. | 10.0 | 38 |
| 5 | Plakophilin-2 Haploinsufficiency Causes Calcium Handling Deficits and Modulates the Cardiac Response Towards Stress. International Journal of Molecular Sciences, 2019, 20, 4076. | 4.1 | 36 |
| 6 | Potential new mechanisms of pro-arrhythmia in arrhythmogenic cardiomyopathy: focus on calcium sensitive pathways. Netherlands Heart Journal, 2017, 25, 157-169. | 0.8 | 31 |
| 7 | Mitochondrial Dysfunction as Substrate for Arrhythmogenic Cardiomyopathy: A Search for New Disease Mechanisms. Frontiers in Physiology, 2019, 10, 1496. | 2.8 | 28 |
| 8 | Cardiac Ca2+ signalling in zebrafish: Translation of findings to man. Progress in Biophysics and Molecular Biology, 2018, 138, 45-58. | 2.9 | 25 |
| 9 | Role of plakophilin-2 expression on exercise-related progression of arrhythmogenic right ventricular cardiomyopathy: a translational study. European Heart Journal, 2022, 43, 1251-1264. | 2.2 | 19 |
| 10 | Istaroxime treatment ameliorates calcium dysregulation in a zebrafish model of phospholamban R14del cardiomyopathy. Nature Communications, 2021, 12, 7151. | 12.8 | 18 |
| 11 | Exercise Causes Arrhythmogenic Remodeling of Intracellular Calcium Dynamics in Plakophilin-2â€“Deficient Hearts. Circulation, 2022, 145, 1480-1496. | 1.6 | 18 |
| 12 | Transcriptomic Coupling of PKP2 With Inflammatory and Immune Pathways Endogenous to Adult Cardiac Myocytes. Frontiers in Physiology, 2020, 11, 623190. | 2.8 | 15 |
| 13 | Blockade of the Adenosine 2A Receptor Mitigates the Cardiomyopathy Induced by Loss of Plakophilin-2 Expression. Frontiers in Physiology, 2018, 9, 1750. | 2.8 | 11 |
| 14 | In silico Identification of Disrupted Myocardial Calcium Homeostasis as Proarrhythmic Trigger in Arrhythmogenic Cardiomyopathy. Frontiers in Physiology, 2021, 12, 732573. | 2.8 | 6 |
| 15 | â€œOrphanâ€•Connexin43 in Plakophilin-2 Deficient Hearts Revealed by Volume Electron Microscopy. Frontiers in Cell and Developmental Biology, 2022, 10, . | 3.7 | 4 |
| 16 | P316Optogenetic sensors in zebrafish hearts as novel in vivo electrophysiological readout tools to study cardiac arrhythmogenesis. Cardiovascular Research, 2018, 114, S81-S81. | 3.8 | 0 |
| 17 | Identification of Disrupted Myocardial Calcium Homeostasis as Proarrhythmic Trigger in Arrhythmogenic Cardiomyopathy. Frontiers in Physiology, 2021, 12, 732573. | 2.8 | 0 |
| 18 | Luminal Oxidative Regulation of the Ryanodine Receptor: More Sides to the Story?. Circulation Research, 2022, 130, 725-727. | 4.5 | 0 |