

Sunil Jit R J Logantha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1913722/publications.pdf>

Version: 2024-02-01

25
papers

912
citations

623699

14
h-index

752679

20
g-index

26
all docs

26
docs citations

26
times ranked

1322
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Exercise training reduces resting heart rate via downregulation of the funny channel HCN4. <i>Nature Communications</i> , 2014, 5, 3775. | 12.8 | 194 |
| 2 | Structure, function and clinical relevance of the cardiac conduction system, including the atrioventricular ring and outflow tract tissues. , 2013, 139, 260-288. | | 156 |
| 3 | Anger, Emotion, and Arrhythmias: From Brain to Heart. <i>Frontiers in Physiology</i> , 2011, 2, 67. | 2.8 | 90 |
| 4 | Quantitative proteomics and single-nucleus transcriptomics of the sinus node elucidates the foundation of cardiac pacemaking. <i>Nature Communications</i> , 2019, 10, 2889. | 12.8 | 84 |
| 5 | Targeting miR-423-5p Reverses Exercise Training-Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017, 121, 1058-1068. | 4.5 | 76 |
| 6 | Functional, Anatomical, and Molecular Investigation of the Cardiac Conduction System and Arrhythmogenic Atrioventricular Ring Tissue in the Rat Heart. <i>Journal of the American Heart Association</i> , 2013, 2, e000246. | 3.7 | 50 |
| 7 | A circadian clock in the sinus node mediates day-night rhythms in Hcn4 and heart rate. <i>Heart Rhythm</i> , 2021, 18, 801-810. | 0.7 | 46 |
| 8 | Silencing miR-370-3p rescues funny current and sinus node function in heart failure. <i>Scientific Reports</i> , 2020, 10, 11279. | 3.3 | 30 |
| 9 | Electrical Conduction System Remodeling in Streptozotocin-Induced Diabetes Mellitus Rat Heart. <i>Frontiers in Physiology</i> , 2019, 10, 826. | 2.8 | 24 |
| 10 | Structural and functional remodeling of the atrioventricular node with aging in rats: The role of hyperpolarization-activated cyclic nucleotide-gated and ryanodine 2 channels. <i>Heart Rhythm</i> , 2018, 15, 752-760. | 0.7 | 23 |
| 11 | Intrinsic Electrical Remodeling Underlies Atrioventricular Block in Athletes. <i>Circulation Research</i> , 2021, 129, e1-e20. | 4.5 | 23 |
| 12 | Atrioventricular Node Dysfunction and Ion Channel Transcriptome in Pulmonary Hypertension. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, . | 4.8 | 22 |
| 13 | Regulation of sinus node pacemaking and atrioventricular node conduction by HCN channels in health and disease. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 166, 61-85. | 2.9 | 16 |
| 14 | Ca ²⁺ -Clock-Dependent Pacemaking in the Sinus Node Is Impaired in Mice with a Cardiac Specific Reduction in SERCA2 Abundance. <i>Frontiers in Physiology</i> , 2016, 7, 197. | 2.8 | 15 |
| 15 | Spontaneous and electrically evoked Ca ²⁺ transients in cardiomyocytes of the rat pulmonary vein. <i>Cell Calcium</i> , 2010, 48, 150-160. | 2.4 | 14 |
| 16 | Remodeling of the Purkinje Network in Congestive Heart Failure in the Rabbit. <i>Circulation: Heart Failure</i> , 2021, 14, e007505. | 3.9 | 11 |
| 17 | Sinus node-like pacemaker mechanisms regulate ectopic pacemaker activity in the adult rat atrioventricular ring. <i>Scientific Reports</i> , 2019, 9, 11781. | 3.3 | 10 |
| 18 | Expression of connexin 43, ion channels and Ca ²⁺ -handling proteins in rat pulmonary vein cardiomyocytes. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3233-3241. | 1.8 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Structural and Functional Properties of Subsidiary Atrial Pacemakers in a Goat Model of Sinus Node Disease. <i>Frontiers in Physiology</i> , 2021, 12, 592229. | 2.8 | 7 |
| 20 | A sexy approach to pacemaking: differences in function and molecular make up of the sinoatrial node. <i>Histology and Histopathology</i> , 2019, 34, 1255-1268. | 0.7 | 5 |
| 21 | From the Purkinje fibres to the ventricle: One dimensional computer simulation for the healthy and failing heart. , 2015, 2015, 34-7. | | 3 |
| 22 | Pathophysiological insights into atrial fibrillation: revisiting the electrophysiological substrate, anatomical substrate, and possible insights from proteomics. <i>Cardiovascular Research</i> , 2021, 117, e41-e45. | 3.8 | 3 |
| 23 | Molecular Basis of Arrhythmias Associated with the Cardiac Conduction System. , 2014, , 19-34. | | 3 |
| 24 | Popdc knock out results in sick sinus syndrome. <i>European Heart Journal</i> , 2013, 34, P2290-P2290. | 2.2 | 0 |
| 25 | A Sexy Approach to Pacemaking. <i>Biophysical Journal</i> , 2017, 112, 403a. | 0.5 | 0 |