# Atsushi Nakano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/336131/publications.pdf

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| 27 | 2,159 | 471509 | 610901 |
|---|---|---|---|
| papers | citations | 17 h-index | 24 g-index |

| 31 | 31 | 31 | 3660 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pacemaker translocations and power laws in 2D stem cell-derived cardiomyocyte cultures. PLoS ONE, 2022, 17, e0263976. | 2.5 | 2 |
| 2 | Cardio PyMEA: A user-friendly, open-source Python application for cardiomyocyte microelectrode array analysis. PLoS ONE, 2022, 17, e0266647. | 2.5 | 1 |
| 3 | GLUT1 overexpression enhances glucose metabolism and promotes neonatal heart regeneration. Scientific Reports, 2021, 11, 8669. | 3.3 | 25 |
| 4 | The role of glucose in physiological and pathological heart formation. Developmental Biology, 2021, 475, 222-233. | 2.0 | 11 |
| 5 | Recessive ciliopathy mutations in primary endocardial fibroelastosis: a rare neonatal cardiomyopathy in a case of Alstrom syndrome. Journal of Molecular Medicine, 2021, 99, 1623-1638. | 3.9 | 4 |
| 6 | GPCR-dependent biasing of GIRK channel signaling dynamics by RGS6 in mouse sinoatrial nodal cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14522-14531. | 7.1 | 17 |
| 7 | Endocardially Derived Macrophages Are Essential for Valvular Remodeling. Developmental Cell, 2019, 48, 617-630.e3. | 7.0 | 61 |
| 8 | Expression and relevance of the G protein-gated K+ channel in the mouse ventricle. Scientific Reports, 2018, 8, 1192. | 3.3 | 19 |
| 9 | TRIM28-Regulated Transposon Repression Is Required for Human Germline Competency and Not Primed or Naive Human Pluripotency. Stem Cell Reports, 2018, 10, 243-256. | 4.8 | 23 |
| 10 | Atrial GIRK Channels Mediate the Effects of Vagus Nerve Stimulation on Heart Rate Dynamics and Arrhythmogenesis. Frontiers in Physiology, 2018, 9, 943. | 2.8 | 25 |
| 11 | Two dimensional electrophysiological characterization of human pluripotent stem cell-derived cardiomyocyte system. Scientific Reports, 2017, 7, 43210. | 3.3 | 35 |
| 12 | Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. Scientific Reports, 2017, 7, 42209. | 3.3 | 41 |
| 13 | Glucose inhibits cardiac muscle maturation through nucleotide biosynthesis. ELife, 2017, 6, . | 6.0 | 142 |
| 14 | Simplified three-dimensional tissue clearing and incorporation of colorimetric phenotyping. Scientific Reports, 2016, 6, 30736. | 3.3 | 38 |
| 15 | Heterozygous deletion of sarcolipin maintains normal cardiac function. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H92-H103. | 3.2 | 8 |
| 16 | The developmental origins and lineage contributions of endocardial endothelium. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1937-1947. | 4.1 | 29 |
| 17 | A Single CRISPR-Cas9 Deletion Strategy that Targets the Majority of DMD Patients Restores Dystrophin Function in hiPSC-Derived Muscle Cells. Cell Stem Cell, 2016, 18, 533-540. | 11.1 | 307 |
| 18 | Hematopoietic progenitors are required for proper development of coronary vasculature. Journal of Molecular and Cellular Cardiology, 2015, 86, 199-207. | 1.9 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Flow-induced protein kinase Aâ€“CREB pathway acts via BMP signaling to promote HSC emergence. Journal of Experimental Medicine, 2015, 212, 633-648. | 8.5 | 47 |
| 20 | Mitochondrial Ca2+ uptake by the voltage-dependent anion channel 2 regulates cardiac rhythmicity. ELife, 2015, 4, . | 6.0 | 67 |
| 21 | Abstract 15: Global RNA Splicing Regulation in Cardiac Maturation. Circulation Research, 2015, 117, . | 4.5 | 0 |
| 22 | Nkx2-5 Suppresses the Proliferation of Atrial Myocytes and Conduction System. Circulation Research, 2014, 114, 1103-1113. | 4.5 | 50 |
| 23 | Haemogenic endocardium contributes to transient definitive haematopoiesis. Nature Communications, 2013, 4, 1564. | 12.8 | 119 |
| 24 | Rigid microenvironments promote cardiac differentiation of mouse and human embryonic stem cells. Science and Technology of Advanced Materials, 2013, 14, 025003. | 6.1 | 60 |
| 25 | Nkx2â€5 lineage tracing visualizes the distribution of second heart fieldâ€derived aortic smooth muscle. Genesis, 2013, 51, 862-869. | 1.6 | 45 |
| 26 | Cardiac origin of smooth muscle cells in the inflow tract. Journal of Molecular and Cellular Cardiology, 2011, 50, 337-345. | 1.9 | 21 |
| 27 | Multipotent Embryonic Isl1+ Progenitor Cells Lead to Cardiac, Smooth Muscle, and Endothelial Cell Diversification. Cell, 2006, 127, 1151-1165. | 28.9 | 944 |