

# Haruko Nakano

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

706  
citations

12  
h-index

21  
g-index

21  
ext. papers

887  
ext. citations

7.6  
avg, IF

3.4  
L-index

#	Paper	IF	Citations
18	A Single CRISPR-Cas9 Deletion Strategy that Targets the Majority of DMD Patients Restores Dystrophin Function in hiPSC-Derived Muscle Cells. <i>Cell Stem Cell</i> , <b>2016</b> , 18, 533-40	18	233
17	Haemogenic endocardium contributes to transient definitive haematopoiesis. <i>Nature Communications</i> , <b>2013</b> , 4, 1564	17.4	94
16	Glucose inhibits cardiac muscle maturation through nucleotide biosynthesis. <i>ELife</i> , <b>2017</b> , 6,	8.9	85
15	Mitochondrial Ca(2+) uptake by the voltage-dependent anion channel 2 regulates cardiac rhythmicity. <i>ELife</i> , <b>2015</b> , 4,	8.9	56
14	Rigid microenvironments promote cardiac differentiation of mouse and human embryonic stem cells. <i>Science and Technology of Advanced Materials</i> , <b>2013</b> , 14,	7.1	51
13	Flow-induced protein kinase A-CREB pathway acts via BMP signaling to promote HSC emergence. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 633-48	16.6	40
12	Two dimensional electrophysiological characterization of human pluripotent stem cell-derived cardiomyocyte system. <i>Scientific Reports</i> , <b>2017</b> , 7, 43210	4.9	26
11	Endocardially Derived Macrophages Are Essential for Valvular Remodeling. <i>Developmental Cell</i> , <b>2019</b> , 48, 617-630.e3	10.2	26
10	The developmental origins and lineage contributions of endocardial endothelium. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 1937-47	4.9	21
9	Cardiac origin of smooth muscle cells in the inflow tract. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 337-45	5.8	18
8	TRIM28-Regulated Transposon Repression Is Required for Human Germline Competency and Not Primed or Naive Human Pluripotency. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 243-256	8	17
7	A temporal transcriptome and methylome in human embryonic stem cell-derived cardiomyocytes identifies novel regulators of early cardiac development. <i>Epigenetics</i> , <b>2018</b> , 13, 1013-1026	5.7	13
6	Protein S and Gas6 induce efferocytosis of HIV-1-infected cells. <i>Virology</i> , <b>2018</b> , 515, 176-190	3.6	10
5	GLUT1 overexpression enhances glucose metabolism and promotes neonatal heart regeneration. <i>Scientific Reports</i> , <b>2021</b> , 11, 8669	4.9	7
4	The role of glucose in physiological and pathological heart formation. <i>Developmental Biology</i> , <b>2021</b> , 475, 222-233	3.1	6
3	Glucose metabolism promotes neonatal heart regeneration		1
2	Pacemaker translocations and power laws in 2D stem cell-derived cardiomyocyte cultures.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263976	3.7	1

- 1 Cardio PyMEA: A user-friendly, open-source Python application for cardiomyocyte microelectrode array analysis. *PLoS ONE*, **2022**, 17, e0266647 3·7