Naoto Muraoka

List of Publications by Year
in descending order

18 papers	2,272 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	3221 citing authors

#	Article	IF	Citations
1	Distinct Metabolic Flow Enables Large-Scale Purification of Mouse and Human Pluripotent Stem Cell-Derived Cardiomyocytes. Cell Stem Cell, 2013, 12, 127-137.	11.1	860
2	Induction of human cardiomyocyte-like cells from fibroblasts by defined factors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12667-12672.	7.1	296
3	MiRâ€133 promotes cardiac reprogramming by directly repressing Snai1 and silencing fibroblast signatures. EMBO Journal, 2014, 33, 1565-1581.	7.8	272
4	Induction of Cardiomyocyte-Like Cells in Infarct Hearts by Gene Transfer of Gata4, Mef2c, and Tbx5. Circulation Research, 2012, 111, 1147-1156.	4.5	246
5	Fibroblast Growth Factors and Vascular Endothelial Growth Factor Promote Cardiac Reprogramming under Defined Conditions. Stem Cell Reports, 2015, 5, 1128-1142.	4.8	143
6	Direct InÂVivo Reprogramming with Sendai Virus Vectors Improves Cardiac Function after Myocardial Infarction. Cell Stem Cell, 2018, 22, 91-103.e5.	11.1	138
7	Role of cyclooxygenase-2-mediated prostaglandin E2-prostaglandin E receptor 4 signaling in cardiac reprogramming. Nature Communications, 2019, 10, 674.	12.8	74
8	Tbx6 Induces Nascent Mesoderm from Pluripotent Stem Cells and Temporally Controls Cardiac versus Somite Lineage Diversification. Cell Stem Cell, 2018, 23, 382-395.e5.	11.1	53
9	Soft Matrix Promotes Cardiac Reprogramming via Inhibition of YAP/TAZ and Suppression of Fibroblast Signatures. Stem Cell Reports, 2020, 15, 612-628.	4.8	53
10	Time-lapse imaging of cell cycle dynamics during development in living cardiomyocyte. Journal of Molecular and Cellular Cardiology, 2014, 72, 241-249.	1.9	32
11	Direct Reprogramming of Fibroblasts into Myocytes to Reverse Fibrosis. Annual Review of Physiology, 2014, 76, 21-37.	13.1	30
12	Single-Construct Polycistronic Doxycycline-Inducible Vectors Improve Direct Cardiac Reprogramming and Can Be Used to Identify the Critical Timing of Transgene Expression. International Journal of Molecular Sciences, 2017, 18, 1805.	4.1	20
13	Distinct expression patterns of Flk1 and Flt1 in the coronary vascular system during development and after myocardial infarction. Biochemical and Biophysical Research Communications, 2018, 495, 884-891.	2.1	18
14	Stoichiometry of Transcription Factors Is Critical for Cardiac Reprogramming. Circulation Research, 2015, 116, 216-218.	4.5	17
15	Tbx6 induces cardiomyocyte proliferation in postnatal and adult mouse hearts. Biochemical and Biophysical Research Communications, 2019, 513, 1041-1047.	2.1	8
16	Analysis of cardiomyocyte movement in the developing murine heart. Biochemical and Biophysical Research Communications, 2015, 464, 1000-1007.	2.1	6
17	Positional desaturation due to persistent left superior vena cava draining into the left atrium. Heart and Vessels, 2016, 31, 828-830.	1.2	3
18	Dermal fibroblast-like cells reprogrammed directly from adipocytes in mouse. Scientific Reports, 2020, 10, 21467.	3.3	3