Yoshinori Yoshida

List of Publications by Citations

68 papers	3,493 citations	26 h-index	59 g-index
77 ext. papers	4,262 ext. citations	7.3 avg, IF	5.23 L-index

#	Paper	IF	Citations
68	Hypoxia enhances the generation of induced pluripotent stem cells. *Cell Stem Cell*, **2009**, 5, 237-41	18	608
67	A novel efficient feeder-free culture system for the derivation of human induced pluripotent stem cells. *Scientific Reports*, **2014**, 4, 3594	4.9	357
66	Targeted Disruption of HLA Genes via CRISPR-Cas9 Generates iPSCs with Enhanced Immune Compatibility. *Cell Stem Cell*, **2019**, 24, 566-578.e7	18	206
65	Ultrastructural maturation of human-induced pluripotent stem cell-derived cardiomyocytes in a long-term culture. *Circulation Journal*, **2013**, 77, 1307-14	2.9	182
64	Long-term clinical and angiographic follow-up after coronary stent placement in native coronary arteries. *Circulation*, **2002**, 105, 2986-91	16.7	164
63	Induced Pluripotent Stem Cells 10 Years Later: For Cardiac Applications. *Circulation Research*, **2017**, 120, 1958-1968	15.7	155
62	Recent stem cell advances: induced pluripotent stem cells for disease modeling and stem cell-based regeneration. *Circulation*, **2010**, 122, 80-7	16.7	149
61	Efficient Detection and Purification of Cell Populations Using Synthetic MicroRNA Switches. *Cell Stem Cell*, **2015**, 16, 699-711	18	140
60	iPS cells: a source of cardiac regeneration. *Journal of Molecular and Cellular Cardiology*, **2011**, 50, 327-32	5.8	129
59	Epigenetic Variation between Human Induced Pluripotent Stem Cell Lines Is an Indicator of Differentiation Capacity. *Cell Stem Cell*, **2016**, 19, 341-54	18	127
58	Induced Pluripotent Stem Cells and Their Use in Human Models of Disease and Development. *Physiological Reviews*, **2019**, 99, 79-114	47.9	111
57	Enhanced engraftment, proliferation, and therapeutic potential in heart using optimized human iPSC-derived cardiomyocytes. *Scientific Reports*, **2016**, 6, 19111	4.9	105
56	Long-term (three-year) outcomes after stenting of unprotected left main coronary artery stenosis in patients with normal left ventricular function. *American Journal of Cardiology*, **2003**, 91, 12-6	3	92
55	Engineering the AAVS1 locus for consistent and scalable transgene expression in human iPSCs and their differentiated derivatives. *Methods*, **2016**, 101, 43-55	4.6	89
54	Cardiomyocytes Derived from MHC-Homozygous Induced Pluripotent Stem Cells Exhibit Reduced Allogeneic Immunogenicity in MHC-Matched Non-human Primates. *Stem Cell Reports*, **2016**, 6, 312-20	8	76
53	Enhanced Therapeutic Effects of Human iPS Cell Derived-Cardiomyocyte by Combined Cell-Sheets with Omental Flap Technique in Porcine Ischemic Cardiomyopathy Model. *Scientific Reports*, **2017**, 7, 8824	4.9	59
52	Allele-specific ablation rescues electrophysiological abnormalities in a human iPS cell model of long-QT syndrome with a CALM2 mutation. *Human Molecular Genetics*, **2017**, 26, 1670-1677	5.6	58

51	MicroRNA-302 switch to identify and eliminate undifferentiated human pluripotent stem cells. *Scientific Reports*, **2016**, 6, 32532	4.9	57
50	Progranulin expression in advanced human atherosclerotic plaque. *Atherosclerosis*, **2009**, 206, 102-8	3.1	52
49	CCN1 knockdown suppresses neointimal hyperplasia in a rat artery balloon injury model. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1077-83	9.4	49
48	CCN1 protects cardiac myocytes from oxidative stress via beta1 integrin-Akt pathway. *Biochemical and Biophysical Research Communications*, **2007**, 355, 611-8	3.4	47
47	Computational image analysis of colony and nuclear morphology to evaluate human induced pluripotent stem cells. *Scientific Reports*, **2014**, 4, 6996	4.9	46
46	Patient-Specific Human Induced Pluripotent Stem Cell Model Assessed with Electrical Pacing Validates S107 as a Potential Therapeutic Agent for Catecholaminergic Polymorphic Ventricular Tachycardia. *PLoS ONE*, **2016**, 11, e0164795	3.7	46
45	Efficient, Selective Removal of Human Pluripotent Stem Cells via Ecto-Alkaline Phosphatase-Mediated Aggregation of Synthetic Peptides. *Cell Chemical Biology*, **2017**, 24, 685-694.e4	8.2	41
44	Role of Hand1/eHAND in the dorso-ventral patterning and interventricular septum formation in the embryonic heart. *Molecular and Cellular Biology*, **2004**, 24, 4627-35	4.8	41
43	Towards Precision Medicine With Human iPSCs for Cardiac Channelopathies. *Circulation Research*, **2019**, 125, 653-658	15.7	28
42	Myotonic dystrophy type 1 patient-derived iPSCs for the investigation of CTG repeat instability. *Scientific Reports*, **2017**, 7, 42522	4.9	24
41	Aldosterone signaling associates with p300/GATA4 transcriptional pathway during the hypertrophic response of cardiomyocytes. *Circulation Journal*, **2010**, 74, 156-62	2.9	20
40	Essential role of Hand2 in interventricular septum formation and trabeculation during cardiac development. *Biochemical and Biophysical Research Communications*, **2006**, 343, 144-51	3.4	20
39	Hematopoiesis by iPSC-derived hematopoietic stem cells of aplastic anemia that escape cytotoxic T-cell attack. *Blood Advances*, **2018**, 2, 390-400	7.8	19
38	Monitoring and visualizing microRNA dynamics during live cell differentiation using microRNA-responsive non-viral reporter vectors. *Biomaterials*, **2017**, 128, 121-135	15.6	17
37	Complex aberrant splicing in the induced pluripotent stem cell-derived cardiomyocytes from a patient with long QT syndrome carrying KCNQ1-A344Aspl mutation. *Heart Rhythm*, **2018**, 15, 1566-1574	6.7	17
36	Optical Recording of Action Potentials in Human Induced Pluripotent Stem Cell-Derived Cardiac Single Cells and Monolayers Generated from Long QT Syndrome Type 1 Patients. *Stem Cells International*, **2019**, 2019, 7532657	5	16
35	Sall1 transiently marks undifferentiated heart precursors and regulates their fate. *Journal of Molecular and Cellular Cardiology*, **2016**, 92, 158-62	5.8	16
34	Identification of Cardiomyocyte-Fated Progenitors from Human-Induced Pluripotent Stem Cells Marked with CD82. *Cell Reports*, **2018**, 22, 546-556	10.6	15

33	Development of a Patient-Derived Induced Pluripotent Stem Cell Model for the Investigation of SCN5A-D1275N-Related Cardiac Sodium Channelopathy. *Circulation Journal*, **2017**, 81, 1783-1791	2.9	15
32	Characterization of hiPSC-Derived Muscle Progenitors Reveals Distinctive Markers for Myogenic Cell Purification Toward Cell Therapy. *Stem Cell Reports*, **2021**, 16, 883-898	8	14
31	Making steady progress on direct cardiac reprogramming toward clinical application. *Circulation Research*, **2013**, 113, 13-5	15.7	13
30	Induction of Human Induced Pluripotent Stem Cells to Cardiomyocytes Using Embryoid Bodies. *Methods in Molecular Biology*, **2018**, 1816, 79-92	1.4	10
29	The search for Nkx2-5-regulated genes using purified embryonic stem cell-derived cardiomyocytes with Nkx2-5 gene targeting. *Biochemical and Biophysical Research Communications*, **2009**, 390, 821-6	3.4	9
28	Escape hematopoiesis by HLA-B5401-lacking hematopoietic stem progenitor cells in men with acquired aplastic anemia. *Haematologica*, **2019**, 104, e447-e450	6.6	5
27	Specific induction and long-term maintenance of high purity ventricular cardiomyocytes from human induced pluripotent stem cells. *PLoS ONE*, **2020**, 15, e0241287	3.7	5
26	ERR enhances cardiac maturation with T-tubule formation in human iPSC-derived cardiomyocytes. *Nature Communications*, **2021**, 12, 3596	17.4	5
25	Recent progress of iPSC technology in cardiac diseases. *Archives of Toxicology*, **2021**, 95, 3633-3650	5.8	4
24	Propranolol Attenuates Late Sodium Current in a Long QT Syndrome Type 3-Human Induced Pluripotent Stem Cell Model. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 761	5.7	4
23	A frequent nonsense mutation in exon 1 across certain HLA-A and -B alleles in leukocytes of patients with acquired aplastic anemia. *Haematologica*, **2021**, 106, 1581-1590	6.6	3
22	Nano-structural analysis of engrafted human induced pluripotent stem cell-derived cardiomyocytes in mouse hearts using a genetic-probe APEX2. *Biochemical and Biophysical Research Communications*, **2018**, 505, 1251-1256	3.4	3
21	Acute myeloid leukemia with a cryptic NUP98/PRRX2 rearrangement developing after low-dose methotrexate therapy for rheumatoid arthritis. *Annals of Hematology*, **2019**, 98, 2841-2843	3	2
20	CDH18 is a fetal epicardial biomarker regulating differentiation towards vascular smooth muscle cells.. *Npj Regenerative Medicine*, **2022**, 7, 14	15.8	2
19	Lionheart LincRNA alleviates cardiac systolic dysfunction under pressure overload. *Communications Biology*, **2020**, 3, 434	6.7	2
18	Generation of Ips Cell-Derived Hematopoietic Progenitor Cells from Patients with Acquired Aplastic Anemia Harboring Copy Number Neutral Loss of Heterozygosity of the Short Arm of Chromosome 6. *Blood*, **2015**, 126, 2415-2415	2.2	1
17	A versatile and robust cell purification system with an RNA-only circuit composed of microRNA-responsive ON and OFF switches.. *Science Advances*, **2022**, 8, eabj1793	14.3	1
16	Gap junction protein beta 4 plays an important role in cardiac function in humans, rodents, and zebrafish. *PLoS ONE*, **2020**, 15, e0240129	3.7	1

List of Publications

15	RNA-Sequencing Analysis of Differentially Expressed Genes in Human iPSC-Derived Cardiomyocytes. *Methods in Molecular Biology*, **2021**, 2320, 193-217	1.4	1
14	Expression dynamics of HAND1/2 in in vitro human cardiomyocyte differentiation. *Stem Cell Reports*, **2021**, 16, 1906-1922	8	1
13	Understanding Intracellular Signaling Advances Cardiac Reprogramming Technology Toward Clinical Applications. *Circulation Research*, **2016**, 118, 377-8	15.7	
12	Induced Pluripotent Stem Cells **2013**, 1-19		
11	Escape Hematopoiesis By HLA-B5401-Lacking Hematopoietic Stem Progenitor Cells in Male Patients with Acquired Aplastic Anemia. *Blood*, **2018**, 132, 3855-3855	2.2	
10	Patient-Specific Induced Pluripotent Stem Cells Recapitulate the Maturation Defect of Myelodysplastic Syndromes. *Blood*, **2014**, 124, 3232-3232	2.2	
9	Ips Technology Revealed the Genetic and Functional Diversity Present in a Secondary AML Patient. *Blood*, **2016**, 128, 4312-4312	2.2	
8	Comprehensive Comparison Of Gene Expression, Genomic DNA Methylation, and In Vitro Hematopoietic Differentiation Among Many Human iPS and ES Cell Lines. *Blood*, **2013**, 122, 1187-1187	2.2	
7	Application of FluoVolt Membrane Potential Dye for Induced Pluripotent Stem Cell-Derived Cardiac Single Cells and Monolayers Differentiated via Embryoid Bodies. *Methods in Molecular Biology*, **2021**, 2320, 101-110	1.4	
6	Making Cardiomyocytes from Pluripotent Stem Cells. *Methods in Molecular Biology*, **2021**, 2320, 3-7	1.4	
5	Characterization of Ventricular and Atrial Cardiomyocyte Subtypes from Human-Induced Pluripotent Stem Cells. *Methods in Molecular Biology*, **2021**, 2320, 135-149	1.4	
4	A Method for Contraction Force Measurement of hiPSC-Derived Engineered Cardiac Tissues. *Methods in Molecular Biology*, **2021**, 2320, 171-180	1.4	
3	Isolation of Cardiomyocytes Derived from Human Pluripotent Stem Cells Using miRNA Switches. *Methods in Molecular Biology*, **2021**, 2320, 35-51	1.4	
2	Analysis of Transcriptional Profiling of Chamber-Specific Human Cardiac Myocytes Derived from Pluripotent Stem Cells. *Methods in Molecular Biology*, **2021**, 2320, 219-232	1.4	
1	Transplantation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Mouse Myocardial Infarction Model. *Methods in Molecular Biology*, **2021**, 2320, 285-293	1.4	