

Yoshinori Yoshida

List of Publications by Year in Descending Order

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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.

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	CDH18 is a fetal epicardial biomarker regulating differentiation towards vascular smooth muscle cells.. <i>Npj Regenerative Medicine</i> , 2022 , 7, 14	15.8	2
67	A versatile and robust cell purification system with an RNA-only circuit composed of microRNA-responsive ON and OFF switches.. <i>Science Advances</i> , 2022 , 8, eabj1793	14.3	1
66	Recent progress of iPSC technology in cardiac diseases. <i>Archives of Toxicology</i> , 2021 , 95, 3633-3650	5.8	4
65	Characterization of hiPSC-Derived Muscle Progenitors Reveals Distinctive Markers for Myogenic Cell Purification Toward Cell Therapy. <i>Stem Cell Reports</i> , 2021 , 16, 883-898	8	14
64	ERR β enhances cardiac maturation with T-tubule formation in human iPSC-derived cardiomyocytes. <i>Nature Communications</i> , 2021 , 12, 3596	17.4	5
63	A frequent nonsense mutation in exon 1 across certain HLA-A and -B alleles in leukocytes of patients with acquired aplastic anemia. <i>Haematologica</i> , 2021 , 106, 1581-1590	6.6	3
62	Application of FluoVolt Membrane Potential Dye for Induced Pluripotent Stem Cell-Derived Cardiac Single Cells and Monolayers Differentiated via Embryoid Bodies. <i>Methods in Molecular Biology</i> , 2021 , 2320, 101-110	1.4	
61	Making Cardiomyocytes from Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2021 , 2320, 3-7	1.4	
60	Characterization of Ventricular and Atrial Cardiomyocyte Subtypes from Human-Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2021 , 2320, 135-149	1.4	
59	RNA-Sequencing Analysis of Differentially Expressed Genes in Human iPSC-Derived Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2021 , 2320, 193-217	1.4	1
58	A Method for Contraction Force Measurement of hiPSC-Derived Engineered Cardiac Tissues. <i>Methods in Molecular Biology</i> , 2021 , 2320, 171-180	1.4	
57	Expression dynamics of HAND1/2 in in vitro human cardiomyocyte differentiation. <i>Stem Cell Reports</i> , 2021 , 16, 1906-1922	8	1
56	Isolation of Cardiomyocytes Derived from Human Pluripotent Stem Cells Using miRNA Switches. <i>Methods in Molecular Biology</i> , 2021 , 2320, 35-51	1.4	
55	Analysis of Transcriptional Profiling of Chamber-Specific Human Cardiac Myocytes Derived from Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2021 , 2320, 219-232	1.4	
54	Transplantation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Mouse Myocardial Infarction Model. <i>Methods in Molecular Biology</i> , 2021 , 2320, 285-293	1.4	
53	Specific induction and long-term maintenance of high purity ventricular cardiomyocytes from human induced pluripotent stem cells. <i>PLoS ONE</i> , 2020 , 15, e0241287	3.7	5
52	Gap junction protein beta 4 plays an important role in cardiac function in humans, rodents, and zebrafish. <i>PLoS ONE</i> , 2020 , 15, e0240129	3.7	1

51	Propranolol Attenuates Late Sodium Current in a Long QT Syndrome Type 3-Human Induced Pluripotent Stem Cell Model. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 761	5.7	4
50	Lionheart LincRNA alleviates cardiac systolic dysfunction under pressure overload. <i>Communications Biology</i> , 2020 , 3, 434	6.7	2
49	Towards Precision Medicine With Human iPSCs for Cardiac Channelopathies. <i>Circulation Research</i> , 2019 , 125, 653-658	15.7	28
48	Escape hematopoiesis by HLA-B5401-lacking hematopoietic stem progenitor cells in men with acquired aplastic anemia. <i>Haematologica</i> , 2019 , 104, e447-e450	6.6	5
47	Targeted Disruption of HLA Genes via CRISPR-Cas9 Generates iPSCs with Enhanced Immune Compatibility. <i>Cell Stem Cell</i> , 2019 , 24, 566-578.e7	18	206
46	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. <i>Stem Cells International</i> , 2019 , 2019, 7532657	5	16
45	Acute myeloid leukemia with a cryptic NUP98/PRRX2 rearrangement developing after low-dose methotrexate therapy for rheumatoid arthritis. <i>Annals of Hematology</i> , 2019 , 98, 2841-2843	3	2
44	Induced Pluripotent Stem Cells and Their Use in Human Models of Disease and Development. <i>Physiological Reviews</i> , 2019 , 99, 79-114	47.9	111
43	Identification of Cardiomyocyte-Fated Progenitors from Human-Induced Pluripotent Stem Cells Marked with CD82. <i>Cell Reports</i> , 2018 , 22, 546-556	10.6	15
42	Induction of Human Induced Pluripotent Stem Cells to Cardiomyocytes Using Embryoid Bodies. <i>Methods in Molecular Biology</i> , 2018 , 1816, 79-92	1.4	10
41	Escape Hematopoiesis By HLA-B5401-Lacking Hematopoietic Stem Progenitor Cells in Male Patients with Acquired Aplastic Anemia. <i>Blood</i> , 2018 , 132, 3855-3855	2.2	
40	Hematopoiesis by iPSC-derived hematopoietic stem cells of aplastic anemia that escape cytotoxic T-cell attack. <i>Blood Advances</i> , 2018 , 2, 390-400	7.8	19
39	Nano-structural analysis of engrafted human induced pluripotent stem cell-derived cardiomyocytes in mouse hearts using a genetic-probe APEX2. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 1251-1256	3.4	3
38	Complex aberrant splicing in the induced pluripotent stem cell-derived cardiomyocytes from a patient with long QT syndrome carrying KCNQ1-A344Aspl mutation. <i>Heart Rhythm</i> , 2018 , 15, 1566-1574	6.7	17
37	Myotonic dystrophy type 1 patient-derived iPSCs for the investigation of CTG repeat instability. <i>Scientific Reports</i> , 2017 , 7, 42522	4.9	24
36	Monitoring and visualizing microRNA dynamics during live cell differentiation using microRNA-responsive non-viral reporter vectors. <i>Biomaterials</i> , 2017 , 128, 121-135	15.6	17
35	Efficient, Selective Removal of Human Pluripotent Stem Cells via Ecto-Alkaline Phosphatase-Mediated Aggregation of Synthetic Peptides. <i>Cell Chemical Biology</i> , 2017 , 24, 685-694.e4	8.2	41
34	Induced Pluripotent Stem Cells 10 Years Later: For Cardiac Applications. <i>Circulation Research</i> , 2017 , 120, 1958-1968	15.7	155

33	Allele-specific ablation rescues electrophysiological abnormalities in a human iPS cell model of long-QT syndrome with a CALM2 mutation. <i>Human Molecular Genetics</i> , 2017 , 26, 1670-1677	5.6	58
32	Enhanced Therapeutic Effects of Human iPS Cell Derived-Cardiomyocyte by Combined Cell-Sheets with Omental Flap Technique in Porcine Ischemic Cardiomyopathy Model. <i>Scientific Reports</i> , 2017 , 7, 8824	4.9	59
31	Development of a Patient-Derived Induced Pluripotent Stem Cell Model for the Investigation of SCN5A-D1275N-Related Cardiac Sodium Channelopathy. <i>Circulation Journal</i> , 2017 , 81, 1783-1791	2.9	15
30	Enhanced engraftment, proliferation, and therapeutic potential in heart using optimized human iPSC-derived cardiomyocytes. <i>Scientific Reports</i> , 2016 , 6, 19111	4.9	105
29	Engineering the AAVS1 locus for consistent and scalable transgene expression in human iPSCs and their differentiated derivatives. <i>Methods</i> , 2016 , 101, 43-55	4.6	89
28	Understanding Intracellular Signaling Advances Cardiac Reprogramming Technology Toward Clinical Applications. <i>Circulation Research</i> , 2016 , 118, 377-8	15.7	
27	Ips Technology Revealed the Genetic and Functional Diversity Present in a Secondary AML Patient. <i>Blood</i> , 2016 , 128, 4312-4312	2.2	
26	Patient-Specific Human Induced Pluripotent Stem Cell Model Assessed with Electrical Pacing Validates S107 as a Potential Therapeutic Agent for Catecholaminergic Polymorphic Ventricular Tachycardia. <i>PLoS ONE</i> , 2016 , 11, e0164795	3.7	46
25	MicroRNA-302 switch to identify and eliminate undifferentiated human pluripotent stem cells. <i>Scientific Reports</i> , 2016 , 6, 32532	4.9	57
24	Sall1 transiently marks undifferentiated heart precursors and regulates their fate. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 92, 158-62	5.8	16
23	Cardiomyocytes Derived from MHC-Homozygous Induced Pluripotent Stem Cells Exhibit Reduced Allogeneic Immunogenicity in MHC-Matched Non-human Primates. <i>Stem Cell Reports</i> , 2016 , 6, 312-20	8	76
22	Epigenetic Variation between Human Induced Pluripotent Stem Cell Lines Is an Indicator of Differentiation Capacity. <i>Cell Stem Cell</i> , 2016 , 19, 341-54	18	127
21	Efficient Detection and Purification of Cell Populations Using Synthetic MicroRNA Switches. <i>Cell Stem Cell</i> , 2015 , 16, 699-711	18	140
20	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. <i>Blood</i> , 2015 , 126, 2415-2415	2.2	1
19	Computational image analysis of colony and nuclear morphology to evaluate human induced pluripotent stem cells. <i>Scientific Reports</i> , 2014 , 4, 6996	4.9	46
18	A novel efficient feeder-free culture system for the derivation of human induced pluripotent stem cells. <i>Scientific Reports</i> , 2014 , 4, 3594	4.9	357
17	Patient-Specific Induced Pluripotent Stem Cells Recapitulate the Maturation Defect of Myelodysplastic Syndromes. <i>Blood</i> , 2014 , 124, 3232-3232	2.2	
16	Making steady progress on direct cardiac reprogramming toward clinical application. <i>Circulation Research</i> , 2013 , 113, 13-5	15.7	13

15	Ultrastructural maturation of human-induced pluripotent stem cell-derived cardiomyocytes in a long-term culture. <i>Circulation Journal</i> , 2013 , 77, 1307-14	2.9	182
14	Induced Pluripotent Stem Cells 2013 , 1-19		
13	Comprehensive Comparison Of Gene Expression, Genomic DNA Methylation, and In Vitro Hematopoietic Differentiation Among Many Human iPS and ES Cell Lines. <i>Blood</i> , 2013 , 122, 1187-1187	2.2	
12	iPS cells: a source of cardiac regeneration. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 327-32	5.8	129
11	Recent stem cell advances: induced pluripotent stem cells for disease modeling and stem cell-based regeneration. <i>Circulation</i> , 2010 , 122, 80-7	16.7	149
10	Aldosterone signaling associates with p300/GATA4 transcriptional pathway during the hypertrophic response of cardiomyocytes. <i>Circulation Journal</i> , 2010 , 74, 156-62	2.9	20
9	The search for Nkx2-5-regulated genes using purified embryonic stem cell-derived cardiomyocytes with Nkx2-5 gene targeting. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 390, 821-6	3.4	9
8	Hypoxia enhances the generation of induced pluripotent stem cells. <i>Cell Stem Cell</i> , 2009 , 5, 237-41	18	608
7	Progranulin expression in advanced human atherosclerotic plaque. <i>Atherosclerosis</i> , 2009 , 206, 102-8	3.1	52
6	CCN1 knockdown suppresses neointimal hyperplasia in a rat artery balloon injury model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1077-83	9.4	49
5	CCN1 protects cardiac myocytes from oxidative stress via beta1 integrin-Akt pathway. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 355, 611-8	3.4	47
4	Essential role of Hand2 in interventricular septum formation and trabeculation during cardiac development. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 343, 144-51	3.4	20
3	Role of Hand1/eHAND in the dorso-ventral patterning and interventricular septum formation in the embryonic heart. <i>Molecular and Cellular Biology</i> , 2004 , 24, 4627-35	4.8	41
2	Long-term (three-year) outcomes after stenting of unprotected left main coronary artery stenosis in patients with normal left ventricular function. <i>American Journal of Cardiology</i> , 2003 , 91, 12-6	3	92
1	Long-term clinical and angiographic follow-up after coronary stent placement in native coronary arteries. <i>Circulation</i> , 2002 , 105, 2986-91	16.7	164