Naohiro Terada

List of Publications by Year
in descending order

73 papers	6,438 citations	109137 35 h-index	85405 71 g-index
73 all docs	73 docs citations	73 times ranked	7497 citing authors

#	Article	IF	Citations
1	Use of Induced Pluripotent Stem Cells to Build Isogenic Systems and Investigate Type 1 Diabetes. Frontiers in Endocrinology, 2021, 12, 737276.	1.5	8
2	Highâ€efficiency protein delivery into transfectionâ€recalcitrant cell types. Biotechnology and Bioengineering, 2020, 117, 816-831.	1.7	4
3	A hypertension patient-derived iPSC model demonstrates a role for G protein-coupled estrogen receptor in hypertension risk and development. American Journal of Physiology - Cell Physiology, 2020, 319, C825-C838.	2.1	8
4	Generation of Induced Pluripotent Stem Cells from a Female Patient with a Xq27.3-q28 Deletion to Establish Disease Models and Identify Therapies. Cellular Reprogramming, 2020, 22, 179-188.	0.5	3
5	H+ transport is an integral function of the mitochondrial ADP/ATP carrier. Nature, 2019, 571, 515-520.	13.7	183
6	Inhibition of mitochondrial permeability transition by deletion of the ANT family and CypD. Science Advances, 2019, 5, eaaw4597.	4.7	169
7	Evaluation of commonly used ectoderm markers in iPSC trilineage differentiation. Stem Cell Research, 2019, 37, 101434.	0.3	18
8	Extramitochondrial cardiolipin suggests a novel function of mitochondria in spermatogenesis. Journal of Cell Biology, 2019, 218, 1491-1502.	2.3	33
9	Selective serotonin reuptake inhibitors ameliorate MEGF10 myopathy. Human Molecular Genetics, 2019, 28, 2365-2377.	1.4	7
10	Bacterial type III secretion system as a protein delivery tool for a broad range of biomedical applications. Biotechnology Advances, 2018, 36, 482-493.	6.0	40
11	CRISPR/Cas9 knockout of USP18 enhances type I IFN responsiveness and restricts HIV-1 infection in macrophages. Journal of Leukocyte Biology, 2018, 103, 1225-1240.	1.5	41
12	Loss of IDH2 Accelerates Age-related Hearing Loss in Male Mice. Scientific Reports, 2018, 8, 5039.	1.6	33
13	Therapeutic Genome Editing for Myotonic Dystrophy Type 1ÂUsing CRISPR/Cas9. Molecular Therapy, 2018, 26, 2617-2630.	3.7	48
14	Activation of p70S6 Kinase-1 in Mesenchymal Stem Cells Is Essential to Lung Tissue Repair. Stem Cells Translational Medicine, 2018, 7, 551-558.	1.6	13
15	Enhanced differentiation of human pluripotent stem cells into cardiomyocytes by bacteria-mediated transcription factors delivery. PLoS ONE, 2018, 13, e0194895.	1.1	15
16	Concise Review: Induced Pluripotent Stem Cell Research in the Era of Precision Medicine. Stem Cells, 2017, 35, 545-550.	1.4	67
17	Mitochondrial ATP transporter depletion protects mice against liver steatosis and insulin resistance. Nature Communications, 2017, 8, 14477.	5.8	55
18	A pathologist's perspective on induced pluripotent stem cells. Laboratory Investigation, 2017, 97, 1126-1132.	1.7	13

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19	Isogenic Cellular Systems Model the Impact of Genetic Risk Variants in the Pathogenesis of Type 1 Diabetes. Frontiers in Endocrinology, 2017, 8, 276.	1.5	17
20	Disulfide bond disrupting agents activate the unfolded protein response in EGFR- and HER2-positive breast tumor cells. Oncotarget, 2017, 8, 28971-28989.	0.8	11
21	Genome Therapy of Myotonic Dystrophy Type 1 iPS Cells for Development of Autologous Stem Cell Therapy. Molecular Therapy, 2016, 24, 1378-1387.	3.7	51
22	Influence of Amino Acid Metabolism on Embryonic Stem Cell Function and Differentiation. Advances in Nutrition, 2016, 7, 780S-789S.	2.9	42
23	Human Adenine Nucleotide Translocase (ANT) Modulators Identified by High-Throughput Screening of Transgenic Yeast. Journal of Biomolecular Screening, 2016, 21, 381-390.	2.6	12
24	HoxBlinc RNA Recruits Set1/MLL Complexes to Activate Hox Gene Expression Patterns and Mesoderm Lineage Development. Cell Reports, 2016, 14, 103-114.	2.9	71
25	Directed Differentiation of Embryonic Stem Cells Into Cardiomyocytes by Bacterial Injection of Defined Transcription Factors. Scientific Reports, 2015, 5, 15014.	1.6	39
26	A practical guide to induced pluripotent stem cell research using patient samples. Laboratory Investigation, 2015, 95, 4-13.	1.7	58
27	Genome Modification Leads to Phenotype Reversal in Human Myotonic Dystrophy Type 1 Induced Pluripotent Stem Cell-Derived Neural Stem Cells. Stem Cells, 2015, 33, 1829-1838.	1.4	53
28	Repurposed biological scaffolds: kidney to pancreas. Organogenesis, 2015, 11, 47-57.	0.4	22
29	Vascular Smooth Muscle Cells From Hypertensive Patient-Derived Induced Pluripotent Stem Cells to Advance Hypertension Pharmacogenomics. Stem Cells Translational Medicine, 2015, 4, 1380-1390.	1.6	36
30	Efficient Gene Editing in Pluripotent Stem Cells by Bacterial Injection of Transcription Activator-Like Effector Nuclease Proteins. Stem Cells Translational Medicine, 2015, 4, 913-926.	1.6	15
31	Adenine Nucleotide Translocase 4 Is Expressed Within Embryonic Ovaries and Dispensable During Oogenesis. Reproductive Sciences, 2015, 22, 250-257.	1.1	12
32	Bacterial Delivery of TALEN Proteins for Human Genome Editing. PLoS ONE, 2014, 9, e91547.	1.1	27
33	Pseudomonas aeruginosa injects NDK into host cells through a type III secretion system. Microbiology (United Kingdom), 2014, 160, 1417-1426.	0.7	32
34	In search of a surrogate: engineering human beta cell lines for therapy. Trends in Endocrinology and Metabolism, 2014, 25, 378-380.	3.1	10
35	Mouse stem cells seeded into decellularized rat kidney scaffolds endothelialize and remodel basement membranes. Organogenesis, 2012, 8, 49-55.	0.4	108
36	Fibroblast Growth Factor Receptor 2 Homodimerization Rapidly Reduces Transcription of the Pluripotency Gene Nanog without Dissociation of Activating Transcription Factors*. Journal of Biological Chemistry, 2012, 287, 30507-30517.	1.6	21

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37	Induction of Cytoplasmic Rods and Rings Structures by Inhibition of the CTP and GTP Synthetic Pathway in Mammalian Cells. PLoS ONE, 2011, 6, e29690.	1.1	177
38	An Ezh way to turn off Nanog. Cell Cycle, 2011, 10, 2253-2253.	1.3	1
39	Bacterial Delivery of Nuclear Proteins into Pluripotent and Differentiated Cells. PLoS ONE, 2011, 6, e16465.	1.1	33
40	Embryonic Stem Cells Proliferate and Differentiate when Seeded into Kidney Scaffolds. Journal of the American Society of Nephrology: JASN, 2009, 20, 2338-2347.	3.0	359
41	Small Interfering RNA-mediated Silencing Induces Target-dependent Assembly of GW/P Bodies. Molecular Biology of the Cell, 2007, 18, 3375-3387.	0.9	42
42	A Heterogeneous Expression Pattern for Nanog in Embryonic Stem Cells. Stem Cells, 2007, 25, 2534-2542.	1.4	317
43	Bypassing Heterogeneity: The Road to Embryonic Stem Cell-Derived Cardiomyocyte Specification. Trends in Cardiovascular Medicine, 2007, 17, 96-101.	2.3	15
44	Heme oxygenase-1 mediates the protective effects of rapamycin in monocrotaline-induced pulmonary hypertension. Laboratory Investigation, 2006, 86, 62-71.	1.7	71
45	The Grb2/Mek Pathway Represses Nanog in Murine Embryonic Stem Cells. Molecular and Cellular Biology, 2006, 26, 7539-7549.	1.1	124
46	DNA Methylation Is Required for Silencing ofAnt4, an Adenine Nucleotide Translocase Selectively Expressed in Mouse Embryonic Stem Cells and Germ Cells. Stem Cells, 2005, 23, 1314-1323.	1.4	86
47	Fabrication of Coated Polycaprolactone Scaffolds and Their Effects on Murine Embryonic Stem Cells. Materials Research Society Symposia Proceedings, 2005, 873, 1.	0.1	0
48	Aggregation of embryonic stem cells induces Nanog repression and primitive endoderm differentiation. Journal of Cell Science, 2004, 117, 5681-5686.	1.2	101
49	Stem Cell Plasticity, Beyond Alchemy. International Journal of Hematology, 2004, 79, 15-21.	0.7	19
50	Cell fusion and reprogramming: resolving our transdifferences. Trends in Molecular Medicine, 2004, 10, 93-96.	3.5	47
51	Spontaneous Cell Fusion. , 2004, , 153-158.		2
52	Cell fusion and plasticity. Cytotechnology, 2003, 41, 103-109.	0.7	11
53	In Vitro Differentiation of Embryonic Stem Cells into Hepatocytes. Methods in Enzymology, 2003, 365, 277-287.	0.4	13
54	CD9 Is Associated with Leukemia Inhibitory Factor-mediated Maintenance of Embryonic Stem Cells. Molecular Biology of the Cell, 2002, 13, 1274-1281.	0.9	106

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55	Bone marrow cells adopt the phenotype of other cells by spontaneous cell fusion. Nature, 2002, 416, 542-545.	13.7	1,897
56	Embryoid-body cells derived from a mouse embryonic stem cell line show differentiation into functional hepatocytes. Hepatology, 2002, 36, 22-29.	3.6	240
57	Hepatic maturation in differentiating embryonic stem cells in vitro. FEBS Letters, 2001, 497, 15-19.	1.3	381
58	Stem Cells. Journal of the American Society of Nephrology: JASN, 2001, 12, 1773-1780.	3.0	15
59	Chronic treatment with FK506 increases p70 S6 kinase activity associated with reduced nitric oxide synthase activity in rabbit hearts. Cardiovascular Drugs and Therapy, 2000, 14, 329-336.	1.3	6
60	Inhibition of nitric oxide synthesis induces coronary vascular remodeling and cardiac hypertrophy associated with the activation of p70 S6 kinase in rats. Cardiovascular Drugs and Therapy, 2000, 14, 533-542.	1.3	20
61	Differential Regulation of CD40-Mediated Human B Cell Responses by Antibodies Directed against Different CD40 Epitopes. Cellular Immunology, 2000, 201, 109-123.	1.4	11
62	CD40 and adenosine A2 receptor agonistâ€“cyclic adenosine monophosphate rescue B-cell antigen receptorâ€“induced apoptosis through independent pathways and converge to prevent caspase activation. Journal of Allergy and Clinical Immunology, 2000, 105, 522-531.	1.5	49
63	Amino Acid-dependent Control of p70s6k. Journal of Biological Chemistry, 1999, 274, 1092-1099.	1.6	190
64	Characterization of S6K2, a novel kinase homologous to S6K1. Oncogene, 1999, 18, 5108-5114.	2.6	137
65	Differential activation and regulation of mitogen-activated protein kinases through the antigen receptor and CD40 in human B cells. European Journal of Immunology, 1999, 29, 2999-3008.	1.6	28
66	l-Asparaginase Inhibits the Rapamycin-Targeted Signaling Pathway. Biochemical and Biophysical Research Communications, 1999, 260, 534-539.	1.0	43
67	Rapamycin Potentiates Dexamethasone-Induced Apoptosis and Inhibits JNK Activity in Lymphoblastoid Cells. Biochemical and Biophysical Research Communications, 1997, 230, 386-391.	1.0	45
68	Aggregation of the FcÎµRI on Mast Cells Stimulates c-Jun Amino-terminal Kinase Activity. Journal of Biological Chemistry, 1996, 271, 12762-12766.	1.6	72
69	Control of cell cycle entry and progression in mitogen-stimulated human B lymphocytes. Journal of Cellular Physiology, 1995, 162, 246-255.	2.0	9
70	Selective Activation of c-Jun Kinase Mitogen-activated Protein Kinase by CD40 on Human B Cells. Journal of Biological Chemistry, 1995, 270, 30823-30828.	1.6	159
71	Vesnarinone inhibits nucleoside and nucleobase transport. Life Sciences, 1995, 57, PL75-PL81.	2.0	11
72	Rapamycin blocks cell cycle progression of activated T cells prior to events characteristic of the middle to late G1 phase of the cycle. Journal of Cellular Physiology, 1993, 154, 7-15.	2.0	140

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73	Rapamycin inhibits the phosphorylation of p70 S6 kinase in IL-2 and mitogen-activated human T cells. Biochemical and Biophysical Research Communications, 1992, 186, 1315-1321.	1.0	66