

Zhaohui Ye

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.

82

papers

6,333

citations

38

h-index

79

g-index

82

ext. papers

6,871

ext. citations

7.2

avg, IF

5.24

L-index

#	Paper	IF	Citations
82	Gene targeting of a disease-related gene in human induced pluripotent stem and embryonic stem cells. <i>Cell Stem Cell</i> , 2009 , 5, 97-110	18	454
81	Efficient human iPS cell derivation by a non-integrating plasmid from blood cells with unique epigenetic and gene expression signatures. <i>Cell Research</i> , 2011 , 21, 518-29	24.7	363
80	Butyrate greatly enhances derivation of human induced pluripotent stem cells by promoting epigenetic remodeling and the expression of pluripotency-associated genes. <i>Stem Cells</i> , 2010 , 28, 713-20	5.8	355
79	Effectiveness of exome and genome sequencing guided by acuity of illness for diagnosis of neurodevelopmental disorders. <i>Science Translational Medicine</i> , 2014 , 6, 265ra168	17.5	341
78	Human-induced pluripotent stem cells from blood cells of healthy donors and patients with acquired blood disorders. <i>Blood</i> , 2009 , 114, 5473-80	2.2	314
77	Human adult marrow cells support prolonged expansion of human embryonic stem cells in culture. <i>Stem Cells</i> , 2003 , 21, 131-42	5.8	287
76	Defining the role of Wnt/beta-catenin signaling in the survival, proliferation, and self-renewal of human embryonic stem cells. <i>Stem Cells</i> , 2005 , 23, 1489-501	5.8	277
75	Whole-genome sequencing analysis reveals high specificity of CRISPR/Cas9 and TALEN-based genome editing in human iPSCs. <i>Cell Stem Cell</i> , 2014 , 15, 12-3	18	274
74	Improved efficiency and pace of generating induced pluripotent stem cells from human adult and fetal fibroblasts. <i>Stem Cells</i> , 2008 , 26, 1998-2005	5.8	235
73	In vivo commitment and functional tissue regeneration using human embryonic stem cell-derived mesenchymal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20641-6	11.5	223
72	Low incidence of DNA sequence variation in human induced pluripotent stem cells generated by nonintegrating plasmid expression. <i>Cell Stem Cell</i> , 2012 , 10, 337-44	18	202
71	Generation of endoderm-derived human induced pluripotent stem cells from primary hepatocytes. <i>Hepatology</i> , 2010 , 51, 1810-9	11.2	195
70	Efficient drug screening and gene correction for treating liver disease using patient-specific stem cells. <i>Hepatology</i> , 2013 , 57, 2458-68	11.2	183
69	Production of Gene-Corrected Adult Beta Globin Protein in Human Erythrocytes Differentiated from Patient iPSCs After Genome Editing of the Sickle Point Mutation. <i>Stem Cells</i> , 2015 , 33, 1470-9	5.8	141
68	Functional antigen-presenting leucocytes derived from human embryonic stem cells in vitro. <i>Lancet, The</i> , 2004 , 364, 163-71	40	138
67	Efficient and allele-specific genome editing of disease loci in human iPSCs. <i>Molecular Therapy</i> , 2015 , 23, 570-7	11.7	135
66	Hematopoietic stem/progenitor cells, generation of induced pluripotent stem cells, and isolation of endothelial progenitors from 21- to 23.5-year cryopreserved cord blood. <i>Blood</i> , 2011 , 117, 4773-7	2.2	135

65	Lentiviral vectors with two independent internal promoters transfer high-level expression of multiple transgenes to human hematopoietic stem-progenitor cells. <i>Molecular Therapy</i> , 2003 , 7, 827-38	11.7	126
64	The phenotype of a germline mutation in PIGA: the gene somatically mutated in paroxysmal nocturnal hemoglobinuria. <i>American Journal of Human Genetics</i> , 2012 , 90, 295-300	11	124
63	Generation of integration-free human induced pluripotent stem cells from postnatal blood mononuclear cells by plasmid vector expression. <i>Nature Protocols</i> , 2012 , 7, 2013-21	18.8	123
62	Targeting transgene expression to antigen-presenting cells derived from lentivirus-transduced engrafting human hematopoietic stem/progenitor cells. <i>Blood</i> , 2002 , 99, 399-408	2.2	122
61	RUNX1a enhances hematopoietic lineage commitment from human embryonic stem cells and inducible pluripotent stem cells. <i>Blood</i> , 2013 , 121, 2882-90	2.2	96
60	Roles of reactive oxygen species in the fate of stem cells. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1881-90	8.4	93
59	Notch signaling activation in human embryonic stem cells is required for embryonic, but not trophoblastic, lineage commitment. <i>Cell Stem Cell</i> , 2008 , 2, 461-71	18	87
58	The high-mobility group A1a/signal transducer and activator of transcription-3 axis: an achilles heel for hematopoietic malignancies?. <i>Cancer Research</i> , 2008 , 68, 10121-7	10.1	82
57	Promoting human embryonic stem cell renewal or differentiation by modulating Wnt signal and culture conditions. <i>Cell Research</i> , 2007 , 17, 62-72	24.7	77
56	Modified Ham test for atypical hemolytic uremic syndrome. <i>Blood</i> , 2015 , 125, 3637-46	2.2	76
55	Electrophysiological properties of pluripotent human and mouse embryonic stem cells. <i>Stem Cells</i> , 2005 , 23, 1526-34	5.8	76
54	Reprogramming of EBV-immortalized B-lymphocyte cell lines into induced pluripotent stem cells. <i>Blood</i> , 2011 , 118, 1801-5	2.2	73
53	Myocyte enhancer factor 2 mediates calcium-dependent transcription of the interleukin-2 gene in T lymphocytes: a calcium signaling module that is distinct from but collaborates with the nuclear factor of activated T cells (NFAT). <i>Journal of Biological Chemistry</i> , 2004 , 279, 14477-80	5.4	58
52	A facile method to establish human induced pluripotent stem cells from adult blood cells under feeder-free and xeno-free culture conditions: a clinically compliant approach. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 320-32	6.9	56
51	Inducible and reversible transgene expression in human stem cells after efficient and stable gene transfer. <i>Stem Cells</i> , 2007 , 25, 779-89	5.8	55
50	Liver engraftment potential of hepatic cells derived from patient-specific induced pluripotent stem cells. <i>Cell Cycle</i> , 2011 , 10, 2423-7	4.7	51
49	Covalent modification of a cysteine residue in the XPB subunit of the general transcription factor TFIIH through single epoxide cleavage of the transcription inhibitor triptolide. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1859-63	16.4	49
48	Trophoblast differentiation defect in human embryonic stem cells lacking PIG-A and GPI-anchored cell-surface proteins. <i>Cell Stem Cell</i> , 2008 , 2, 345-55	18	44

47	Serial imaging of human embryonic stem-cell engraftment and teratoma formation in live mouse models. <i>Cell Research</i> , 2009 , 19, 370-9	24.7	43
46	Lentivirus-mediated gene transfer and expression in established human tumor antigen-specific cytotoxic T cells and primary unstimulated T cells. <i>Human Gene Therapy</i> , 2003 , 14, 1089-105	4.8	43
45	A Universal Approach to Correct Various HBB Gene Mutations in Human Stem Cells for Gene Therapy of Beta-Thalassemia and Sickle Cell Disease. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 87-97	6.9	42
44	Extensive ex vivo expansion of functional human erythroid precursors established from umbilical cord blood cells by defined factors. <i>Molecular Therapy</i> , 2014 , 22, 451-463	11.7	37
43	Early frameshift mutation in PIGA identified in a large XLID family without neonatal lethality. <i>Human Mutation</i> , 2014 , 35, 350-5	4.7	37
42	In vivo functional efficacy of tumor-specific T cells expanded using HLA-Ig based artificial antigen presenting cells (aAPC). <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 209-20	7.4	31
41	Targeting specificity of APOBEC-based cytosine base editor in human iPSCs determined by whole genome sequencing. <i>Nature Communications</i> , 2019 , 10, 5353	17.4	31
40	Gene correction in patient-specific iPSCs for therapy development and disease modeling. <i>Human Genetics</i> , 2016 , 135, 1041-58	6.3	30
39	Lentiviral gene transduction of mouse and human stem cells. <i>Methods in Molecular Biology</i> , 2008 , 430, 243-53	1.4	30
38	FLT3/ITD expression increases expansion, survival and entry into cell cycle of human haematopoietic stem/progenitor cells. <i>British Journal of Haematology</i> , 2007 , 137, 64-75	4.5	30
37	Differential sensitivity to JAK inhibitory drugs by isogenic human erythroblasts and hematopoietic progenitors generated from patient-specific induced pluripotent stem cells. <i>Stem Cells</i> , 2014 , 32, 269-78 ^{5.8}	5.8	29
36	Efficient derivation and genetic modifications of human pluripotent stem cells on engineered human feeder cell lines. <i>Stem Cells and Development</i> , 2012 , 21, 2298-311	4.4	28
35	Efficient and Controlled Generation of 2D and 3D Bile Duct Tissue from Human Pluripotent Stem Cell-Derived Spheroids. <i>Stem Cell Reviews and Reports</i> , 2016 , 12, 500-8	6.4	27
34	Generation of glycosylphosphatidylinositol anchor protein-deficient blood cells from human induced pluripotent stem cells. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 819-29	6.9	18
33	How Reproducible Is Bioluminescent Imaging of Tumor Cell Growth? Single Time Point versus the Dynamic Measurement Approach. <i>Molecular Imaging</i> , 2007 , 6, 7290.2007.00031	3.7	17
32	An improved method for generating and identifying human induced pluripotent stem cells. <i>Methods in Molecular Biology</i> , 2010 , 636, 191-205	1.4	16
31	Biliary Atresia Relevant Human Induced Pluripotent Stem Cells Recapitulate Key Disease Features in a Dish. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019 , 68, 56-63	2.8	15
30	Promise and challenges of human iPSC-based hematologic disease modeling and treatment. <i>International Journal of Hematology</i> , 2012 , 95, 601-9	2.3	13

29	Molecular Imaging and Stem Cell Research. <i>Molecular Imaging</i> , 2011 , 10, 7290.2010.00046	3.7	13
28	Molecular imaging and stem cell research. <i>Molecular Imaging</i> , 2011 , 10, 111-22	3.7	13
27	A hypomorphic PIGA gene mutation causes severe defects in neuron development and susceptibility to complement-mediated toxicity in a human iPSC model. <i>PLoS ONE</i> , 2017 , 12, e0174074	3.7	11
26	Potential of human induced pluripotent stem cells derived from blood and other postnatal cell types. <i>Regenerative Medicine</i> , 2010 , 5, 521-30	2.5	9
25	Hematopoietic cells as sources for patient-specific iPSCs and disease modeling. <i>Cell Cycle</i> , 2011 , 10, 2840-4	4.4	9
24	Transient c-Src Suppression During Endodermal Commitment of Human Induced Pluripotent Stem Cells Results in Abnormal Profibrotic Cholangiocyte-Like Cells. <i>Stem Cells</i> , 2019 , 37, 306-317	5.8	6
23	Genome editing systems in novel therapies. <i>Discovery Medicine</i> , 2016 , 21, 57-64	2.5	6
22	Generation and homing of iPSC-derived hematopoietic cells in vivo. <i>Molecular Therapy</i> , 2013 , 21, 1292-3	11.7	5
21	Genome Editing in Human Pluripotent Stem Cells. <i>Cold Spring Harbor Protocols</i> , 2016 , 2016, pdb.top086819	8.19	4
20	Generation of human iPSCs from an essential thrombocythemia patient carrying a V501L mutation in the MPL gene. <i>Stem Cell Research</i> , 2017 , 18, 57-59	1.6	3
19	Derivation of a disease-specific human induced pluripotent stem cell line from a biliary atresia patient. <i>Stem Cell Research</i> , 2017 , 24, 25-28	1.6	3
18	Covalent Modification of a Cysteine Residue in the XPB Subunit of the General Transcription Factor TFIIH Through Single Epoxide Cleavage of the Transcription Inhibitor Triptolide. <i>Angewandte Chemie</i> , 2015 , 127, 1879-1883	3.6	3
17	Reply:. <i>Hepatology</i> , 2010 , 52, 1169-1170	11.2	3
16	Human-relevant preclinical in vitro models for studying hepatobiliary development and liver diseases using induced pluripotent stem cells. <i>Experimental Biology and Medicine</i> , 2019 , 244, 702-708	3.7	2
15	Convergence of human pluripotent stem cell, organoid, and genome editing technologies. <i>Experimental Biology and Medicine</i> , 2021 , 246, 861-875	3.7	2
14	Human IPS Cells Generated From Adult Peripheral Blood Cells and Purified CD34+ Cells by a Non-Integrating Plasmid.. <i>Blood</i> , 2010 , 116, 1589-1589	2.2	1
13	Generation, Characterization and Genetic Modification of Human iPSCs Containing Calr, MPL and JAK2 Mutations Found in MPN Patients. <i>Blood</i> , 2016 , 128, 3139-3139	2.2	1
12	Scalable Production of Human Erythrocytes from Induced Pluripotent Stem Cells		1

11	A Method for Genome Editing in Human Pluripotent Stem Cells. <i>Cold Spring Harbor Protocols</i> , 2016 , 2016, pdb.prot090217	1.2	1
10	The HMGA1a-STAT3 axis: an Achilles Heel for Hematopoietic Malignancies Overexpressing HMGA1a?. <i>Blood</i> , 2008 , 112, 3810-3810	2.2	0
9	Response: the role of RUNX1 isoforms in hematopoietic commitment of human pluripotent stem cells. <i>Blood</i> , 2013 , 121, 5252-3	2.2	
8	FLT3/ITD Expression Increases Expansion, Survival and Entry into Cell Cycle of Human Hematopoietic Stem Cells.. <i>Blood</i> , 2004 , 104, 484-484	2.2	
7	Developmental Potentials of Human Embryonic Stem Cells Lacking PIG-A and GPI-Anchored Proteins.. <i>Blood</i> , 2006 , 108, 1314-1314	2.2	
6	The Roles of RUNX1 in Human Hematopoiesis and Megakaryopoiesis Revealed By Genome-Targeted Human iPSCs and an Improved Hematopoietic Differentiation Model. <i>Blood</i> , 2015 , 126, 1167-1167	2.2	
5	Genome Editing in Human Pluripotent Stem Cells. <i>Pancreatic Islet Biology</i> , 2016 , 43-67	0.4	
4	Efficient Production of Human Hematopoietic Progenitors from Human Pluripotent Stem Cells Using Chemically Defined Media without Serum or Feeder Cells. <i>Blood</i> , 2008 , 112, 2463-2463	2.2	
3	Distinct Induced Pluripotent Stem Cell Clones with Somatic Mutations Prepared From PV Patients. <i>Blood</i> , 2011 , 118, 2826-2826	2.2	
2	Extensive Ex Vivo Expansion of Functional Human Erythroid Precursor Cells From Reprogrammed Post-Natal Blood Mononuclear Cells by Defined Factors. <i>Blood</i> , 2012 , 120, 975-975	2.2	
1	Making lentiviral vectors more powerful and universal. <i>Discovery Medicine</i> , 2003 , 3, 48-9	2.5	