

Elias T Zambidis

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.

59
papers

2,843
citations

27
h-index

53
g-index

65
ext. papers

3,320
ext. citations

5.1
avg, IF

4.74
L-index

#	Paper	IF	Citations
59	Generation of three-dimensional retinal tissue with functional photoreceptors from human iPSCs. <i>Nature Communications</i> , 2014 , 5, 4047	17.4	516
58	A universal system for highly efficient cardiac differentiation of human induced pluripotent stem cells that eliminates interline variability. <i>PLoS ONE</i> , 2011 , 6, e18293	3.7	309
57	Hematopoietic differentiation of human embryonic stem cells progresses through sequential hematoendothelial, primitive, and definitive stages resembling human yolk sac development. <i>Blood</i> , 2005 , 106, 860-70	2.2	308
56	Expression of angiotensin-converting enzyme (CD143) identifies and regulates primitive hemangioblasts derived from human pluripotent stem cells. <i>Blood</i> , 2008 , 112, 3601-14	2.2	158
55	Mesenchymal stem cell secretome and regenerative therapy after cancer. <i>Biochimie</i> , 2013 , 95, 2235-45	4.6	128
54	Retroviral gene therapy with an immunoglobulin-antigen fusion construct protects from experimental autoimmune uveitis. <i>Journal of Clinical Investigation</i> , 2000 , 106, 245-52	15.9	91
53	Induced pluripotent stem cell model recapitulates pathologic hallmarks of Gaucher disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 18054-9	11.5	87
52	Human induced pluripotent stem cell-derived endothelial cells exhibit functional heterogeneity. <i>American Journal of Translational Research (discontinued)</i> , 2013 , 5, 21-35	3	83
51	Integrated Genomic Analysis of Diverse Induced Pluripotent Stem Cells from the Progenitor Cell Biology Consortium. <i>Stem Cell Reports</i> , 2016 , 7, 110-25	8	72
50	HMGA1 reprograms somatic cells into pluripotent stem cells by inducing stem cell transcriptional networks. <i>PLoS ONE</i> , 2012 , 7, e48533	3.7	69
49	Cancer-related epigenome changes associated with reprogramming to induced pluripotent stem cells. <i>Cancer Research</i> , 2010 , 70, 7662-73	10.1	65
48	Vascular progenitors from cord blood-derived induced pluripotent stem cells possess augmented capacity for regenerating ischemic retinal vasculature. <i>Circulation</i> , 2014 , 129, 359-72	16.7	64
47	Gaucher iPSC-derived macrophages produce elevated levels of inflammatory mediators and serve as a new platform for therapeutic development. <i>Stem Cells</i> , 2014 , 32, 2338-49	5.8	56
46	Electrophysiological and contractile function of cardiomyocytes derived from human embryonic stem cells. <i>Progress in Biophysics and Molecular Biology</i> , 2012 , 110, 178-95	4.7	55
45	Alternative-Donor Hematopoietic Stem Cell Transplantation with Post-Transplantation Cyclophosphamide for Nonmalignant Disorders. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 895-901	4.7	54
44	Tankyrase inhibition promotes a stable human naïve pluripotent state with improved functionality. <i>Development (Cambridge)</i> , 2016 , 143, 4368-4380	6.6	51
43	Cardiomyocytes derived from human induced pluripotent stem cells as models for normal and diseased cardiac electrophysiology and contractility. <i>Progress in Biophysics and Molecular Biology</i> , 2012 , 110, 166-77	4.7	49

42	Nonmyeloablative Haploidentical Bone Marrow Transplantation with Post-Transplantation Cyclophosphamide for Pediatric and Young Adult Patients with High-Risk Hematologic Malignancies. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 325-332	4.7	46
41	Blood-forming endothelium in human ontogeny: lessons from in utero development and embryonic stem cell culture. <i>Trends in Cardiovascular Medicine</i> , 2006 , 16, 95-101	6.9	41
40	Efficient and simultaneous generation of hematopoietic and vascular progenitors from human induced pluripotent stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013 , 83, 114-26	4.6	34
39	Dynamic Interactions Between Cancer Stem Cells And Their Stromal Partners. <i>Current Pathobiology Reports</i> , 2014 , 2, 41-52	2	32
38	Variability of Action Potentials Within and Among Cardiac Cell Clusters Derived from Human Embryonic Stem Cells. <i>Scientific Reports</i> , 2016 , 6, 18544	4.9	31
37	Altered Differentiation Potential of Gaucher Disease iPSC Neuronal Progenitors due to Wnt/ECatenin Downregulation. <i>Stem Cell Reports</i> , 2017 , 9, 1853-1867	8	30
36	Engraftment of human embryonic stem cell derived cardiomyocytes improves conduction in an arrhythmogenic in vitro model. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 53, 15-23	5.8	30
35	Pivots of pluripotency: the roles of non-coding RNA in regulating embryonic and induced pluripotent stem cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2385-94	4	28
34	Single-Agent Post-Transplantation Cyclophosphamide as Graft-versus-Host Disease Prophylaxis after Human Leukocyte Antigen-Matched Related Bone Marrow Transplantation for Pediatric and Young Adult Patients with Hematologic Malignancies. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 112-8	4.7	27
33	Growth factor-activated stem cell circuits and stromal signals cooperatively accelerate non-integrated iPSC reprogramming of human myeloid progenitors. <i>PLoS ONE</i> , 2012 , 7, e42838	3.7	27
32	Emergence of human angiohematopoietic cells in normal development and from cultured embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1106, 223-32	6.5	26
31	Capturing Human Naïve Pluripotency in the Embryo and in the Dish. <i>Stem Cells and Development</i> , 2017 , 26, 1141-1161	4.4	23
30	Gaucher Disease-Induced Pluripotent Stem Cells Display Decreased Erythroid Potential and Aberrant Myelopoiesis. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 878-86	6.9	21
29	Challenges and strategies for generating therapeutic patient-specific hemangioblasts and hematopoietic stem cells from human pluripotent stem cells. <i>International Journal of Developmental Biology</i> , 2010 , 54, 965-90	1.9	21
28	Myeloablative haploidentical BMT with posttransplant cyclophosphamide for hematologic malignancies in children and adults. <i>Blood Advances</i> , 2020 , 4, 3913-3925	7.8	20
27	Direct Reprogramming of Human Primordial Germ Cells into Induced Pluripotent Stem Cells: Efficient Generation of Genetically Engineered Germ Cells. <i>Stem Cells and Development</i> , 2015 , 24, 2634-48 ⁴	4.4	18
26	Human embryonic stem cell-derived hematoendothelial progenitors engraft chicken embryos. <i>Experimental Hematology</i> , 2009 , 37, 31-41	3.1	18
25	Malignant peritoneal mesothelioma in a pediatric patient mimicking inflammatory bowel disease. <i>Digestive Diseases and Sciences</i> , 2004 , 49, 434-7	4	13

24	Vascular progenitors generated from tankyrase inhibitor-regulated naïve diabetic human iPSC potentiate efficient revascularization of ischemic retina. <i>Nature Communications</i> , 2020 , 11, 1195	17.4	12
23	Automated grouping of action potentials of human embryonic stem cell-derived cardiomyocytes. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 2389-95	5	10
22	Reduced-Intensity Haploidentical Bone Marrow Transplantation with Post-Transplant Cyclophosphamide for Solid Tumors in Pediatric and Young Adult Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 2127-2136	4.7	10
21	Pleiotropic roles of tankyrase/PARP proteins in the establishment and maintenance of human naïve pluripotency. <i>Experimental Cell Research</i> , 2020 , 390, 111935	4.2	9
20	Erythropoietic differentiation of a human embryonic stem cell line harbouring the sickle cell anaemia mutation. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 196-205	4	9
19	High-Fidelity Reprogrammed Human iPSCs Have a High Efficacy of DNA Repair and Resemble hESCs in Their MYC Transcriptional Signature. <i>Stem Cells International</i> , 2016 , 2016, 3826249	5	8
18	Chemical Reversion of Conventional Human Pluripotent Stem Cells to a Naïve-like State with Improved Multilineage Differentiation Potency. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	7
17	Cancer-like epigenetic derangements of human pluripotent stem cells and their impact on applications in regeneration and repair. <i>Current Opinion in Genetics and Development</i> , 2014 , 28, 43-9	4.9	7
16	Elevated glucosylsphingosine in Gaucher disease induced pluripotent stem cell neurons deregulates lysosomal compartment through mammalian target of rapamycin complex1. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 1081-1094	6.9	7
15	Enrichment of Scleroderma Vascular Disease-Associated Autoantigens in Endothelial Lineage Cells. <i>Arthritis and Rheumatology</i> , 2016 , 68, 2540-9	9.5	6
14	Reduced Intensity Bone Marrow Transplantation with Post-Transplant Cyclophosphamide for Pediatric Inherited Immune Deficiencies and Bone Marrow Failure Syndromes. <i>Journal of Clinical Immunology</i> , 2021 , 41, 414-426	5.7	4
13	False-photosensitivity and transient hemiparesis following high-dose intravenous and intrathecal methotrexate for treatment of acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2009 , 53, 103-3	3	3
12	Pericytes: a Ubiquitous Source of Multipotent Adult Tissue Stem Cells 2014 , 135-148		3
11	Generation of Nonviral Integration-Free Induced Pluripotent Stem Cells from Plucked Human Hair Follicles. <i>Springer Protocols</i> , 2011 , 203-227	0.3	2
10	Running the full human developmental clock in interspecies chimeras using alternative human stem cells with expanded embryonic potential. <i>Npj Regenerative Medicine</i> , 2021 , 6, 25	15.8	2
9	Infant with a skin lesion and respiratory distress. <i>BMJ Case Reports</i> , 2018 , 2018,	0.9	1
8	Generation of Pericytic-Vascular Progenitors from Tankyrase/PARP-Inhibitor-Regulated Naïve (TIRN) Human Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2022 , 2416, 133-156	1.4	0
7	Embryonic Erythropoiesis and Definitive Hematopoiesis from Human Embryonic Stem Cells Is Regulated by Cytokines Controlling HSC Growth.. <i>Blood</i> , 2004 , 104, 2777-2777	2.2	

- 6 Generation of a Common Progenitor Population from Human Embryonic Stem Cells That Gives Rise to Both Embryonic Erythropoiesis and Definitive Hematopoiesis.. *Blood*, **2005**, 106, 521-521 2.2
- 5 Angiotensin-Converting Enzyme (ACE) Expression Defines the Earliest Primitive and Definitive Lympho-Hematopoietic Progenitors Derived from Human Embryonic Stem Cells.. *Blood*, **2006**, 108, 1662-1662 2.2
- 4 The Renin-Angiotensin Axis Regulates the Development of a Yolk Sac-Like Hemangioblastic Progenitor of Primitive and Definitive Hematopoiesis from Human Pluripotent Stem Cells.. *Blood*, **2007**, 110, 433-433 2.2
- 3 Efficient Erythroid Differentiation of a PGD-Derived Human Pluripotent Stem Cell Line Affected with Sickle Cell Hemoglobinopathy. *Blood*, **2008**, 112, 539-539 2.2
- 2 Generation of Multipotent CD34+CD45+ Hematopoietic Progenitors from Human Induced Pluripotent Stem Cells. *Springer Protocols*, **2011**, 337-350 0.3
- 1 HMGA1, a Factor Enriched in Hematopoietic Stem Cells, Embryonic Stem Cells, and Hematologic Malignancy, Enhances Cellular Reprogramming to a Pluripotent Stem-Like Cell.. *Blood*, **2012**, 120, 2323-2323 2.2