Paul Gadue

List of Publications by Year
in descending order

81 papers	5,091 citations	117625 34 h-index	91884 69 g-index
84 all docs	84 docs citations	84 times ranked	7731 citing authors

#	Article	IF	Citations
1	Wnt and TGF-beta signaling are required for the induction of an in vitro model of primitive streak formation using embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16806-16811.	7.1	507
2	BMP-4 is required for hepatic specification of mouse embryonic stem cellâ€“derived definitive endoderm. Nature Biotechnology, 2006, 24, 1402-1411.	17.5	395
3	Generation of Transgene-Free Lung Disease-Specific Human Induced Pluripotent Stem Cells Using a Single Excisable Lentiviral Stem Cell Cassette Â. Stem Cells, 2010, 28, 1728-1740.	3.2	375
4	Wnt, Activin, and BMP Signaling Regulate Distinct Stages in the Developmental Pathway from Embryonic Stem Cells to Blood. Cell Stem Cell, 2008, 2, 60-71.	11.1	275
5	Identification and targeting of the ROSA26 locus in human embryonic stem cells. Nature Biotechnology, 2007, 25, 1477-1482.	17.5	270
6	Human definitive haemogenic endothelium and arterial vascular endothelium represent distinct lineages. Nature Cell Biology, 2015, 17, 580-591.	10.3	243
7	Self-Renewing Endodermal Progenitor Lines Generated from Human Pluripotent Stem Cells. Cell Stem Cell, 2012, 10, 371-384.	11.1	190
8	Foxa2 and H2A.Z Mediate Nucleosome Depletion during Embryonic Stem Cell Differentiation. Cell, 2012, 151, 1608-1616.	28.9	181
9	The Src Family Tyrosine Kinase Fyn Regulates Natural Killer T Cell Development. Journal of Experimental Medicine, 1999, 190, 1189-1196.	8.5	171
10	A Unique Role for Fyn in CNS Myelination. Journal of Neuroscience, 2001, 21, 2039-2047.	3.6	165
11	Transcriptional competence and the active marking of tissue-specific enhancers by defined transcription factors in embryonic and induced pluripotent stem cells. Genes and Development, 2009, 23, 2824-2838.	5.9	160
12	NK T Cell Precursors Exhibit Differential Cytokine Regulation and Require Itk for Efficient Maturation. Journal of Immunology, 2002, 169, 2397-2406.	0.8	141
13	Germ layer induction from embryonic stem cells. Experimental Hematology, 2005, 33, 955-964.	0.4	119
14	Trisomy 21-associated defects in human primitive hematopoiesis revealed through induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17573-17578.	7.1	108
15	The mer receptor tyrosine kinase: expression and function suggest a role in innate immunity. European Journal of Immunology, 2003, 33, 2160-2167.	2.9	107
16	GATA6 Plays an Important Role in the Induction of Human Definitive Endoderm, Development of the Pancreas, and Functionality of Pancreatic Î²ÂCells. Stem Cell Reports, 2017, 8, 589-604.	4.8	102
17	Understanding platelet generation from megakaryocytes: implications for in vitroâ€“derived platelets. Blood, 2016, 127, 1227-1233.	1.4	93
18	Ribosomal and hematopoietic defects in induced pluripotent stem cells derived from Diamond Blackfan anemia patients. Blood, 2013, 122, 912-921.	1.4	82

#	Article	IF	Citations
19	Emergence of a Stage-Dependent Human Liver Disease Signature with Directed Differentiation of Alpha-1 Antitrypsin-Deficient iPS Cells. Stem Cell Reports, 2015, 4, 873-885.	4.8	77
20	Numb mediates the interaction between Wnt and Notch to modulate primitive erythropoietic specification from the hemangioblast. Development (Cambridge), 2008, 135, 3447-3458.	2.5	75
21	Clonal genetic and hematopoietic heterogeneity among human-induced pluripotent stem cell lines. Blood, 2013, 122, 2047-2051.	1.4	75
22	Comparative analysis of human ex vivoâ€“generated platelets vs megakaryocyte-generated platelets in mice: a cautionary tale. Blood, 2015, 125, 3627-3636.	1.4	74
23	AAV-Mediated Gene Therapy for Choroideremia: Preclinical Studies in Personalized Models. PLoS ONE, 2013, 8, e61396.	2.5	71
24	Dynamics of genomic <scp>H</scp> 3 <scp>K</scp> 27me3 domains and role of <scp>EZH</scp> 2 during pancreatic endocrine specification. EMBO Journal, 2014, 33, 2157-2170.	7.8	70
25	Pluripotent stem cells reveal erythroid-specific activities of the GATA1 N-terminus. Journal of Clinical Investigation, 2015, 125, 993-1005.	8.2	65
26	Modeling Monogenic Diabetes using Human ESCs Reveals Developmental and Metabolic Deficiencies Caused by Mutations in HNF1A. Cell Stem Cell, 2019, 25, 273-289.e5.	11.1	61
27	High-level transgene expression in induced pluripotent stem cellâ€“derived megakaryocytes: correction of Glanzmann thrombasthenia. Blood, 2014, 123, 753-757.	1.4	54
28	Mouse ES and iPS cells can form similar definitive endoderm despite differences in imprinted genes. Journal of Clinical Investigation, 2011, 121, 2313-2325.	8.2	50
29	The negative impact of Wnt signaling on megakaryocyte and primitive erythroid progenitors derived from human embryonic stem cells. Stem Cell Research, 2014, 12, 441-451.	0.7	49
30	An Endothelial Cell Niche Induces Hepatic Specification Through Dual Repression of Wnt and Notch Signaling. Stem Cells, 2011, 29, 217-228.	3.2	44
31	Activation of the Megakaryocyte-specific Gene Platelet Basic Protein (PBP) by the Ets Family Factor PU.1. Journal of Biological Chemistry, 1997, 272, 26236-26246.	3.4	43
32	Hematopoietic Differentiation of Pluripotent Stem Cells in Culture. Methods in Molecular Biology, 2014, 1185, 181-194.	0.9	42
33	Generation of Monoclonal Antibodies Specific for Cell Surface Molecules Expressed on Early Mouse Endoderm. Stem Cells, 2009, 27, 2103-2113.	3.2	38
34	Utilization of the AAVS1 safe harbor locus for hematopoietic specific transgene expression and gene knockdown in human ES cells. Stem Cell Research, 2014, 12, 630-637.	0.7	35
35	Identifying and enriching platelet-producing human stem cellâ€“derived megakaryocytes using factor V uptake. Blood, 2017, 130, 192-204.	1.4	34
36	Exploring the Interaction Between eIF2Î± Dysregulation, Acute Endoplasmic Reticulum Stress and DYT1 Dystonia in the Mammalian Brain. Neuroscience, 2018, 371, 455-468.	2.3	32

#	Article	IF	Citations
37	OCT4 Coordinates with WNT Signaling to Pre-pattern Chromatin at the SOX17 Locus during Human ES Cell Differentiation into Definitive Endoderm. Stem Cell Reports, 2015, 5, 490-498.	4.8	29
38	Inducible Gata1 suppression expands megakaryocyte-erythroid progenitors from embryonic stem cells. Journal of Clinical Investigation, 2015, 125, 2369-2374.	8.2	29
39	Induced Pluripotent Stem Cellâ€"Derived Megakaryocytes and Platelets for Disease Modeling and Future Clinical Applications. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2007-2013.	2.4	27
40	Restoration of NK T Cell Development in<i>fyn</i>-Mutant Mice by a TCR Reveals a Requirement for Fyn During Early NK T Cell Ontogeny. Journal of Immunology, 2004, 172, 6093-6100.	0.8	25
41	Generation of human control iPS cell line CHOPWT10 from healthy adult peripheral blood mononuclear cells. Stem Cell Research, 2016, 16, 338-341.	0.7	23
42	Retinoic acid signaling within pancreatic endocrine progenitors regulates mouse and human Î² cell specification. Development (Cambridge), 2020, 147, .	2.5	23
43	MicroRNA Screen of Human Embryonic Stem Cell Differentiation Reveals miR-105 as an Enhancer of Megakaryopoiesis from Adult CD34+ Cells. Stem Cells, 2014, 32, 1337-1346.	3.2	22
44	A Doxycycline-Inducible System for Genetic Correction of iPSC Disease Models. Methods in Molecular Biology, 2014, 1353, 13-23.	0.9	20
45	Highly Efficient CRISPRâ€Cas9â€Mediated Genome Editing in Human Pluripotent Stem Cells. Current Protocols in Stem Cell Biology, 2019, 48, e64.	3.0	20
46	A Non-Coding Disease Modifier of Pancreatic Agenesis Identified by Genetic Correction in a Patient-Derived iPSC Line. Cell Stem Cell, 2020, 27, 137-146.e6.	11.1	19
47	RUNX-1 haploinsufficiency causes a marked deficiency of megakaryocyte-biased hematopoietic progenitor cells. Blood, 2021, 137, 2662-2675.	1.4	16
48	Study of inherited thrombocytopenia resulting from mutations in ETV6 or RUNX1 using a human pluripotent stem cell model. Stem Cell Reports, 2021, 16, 1458-1467.	4.8	14
49	Generation of Spinocerebellar Ataxia Type 2 induced pluripotent stem cell lines, CHOPi002-A and CHOPi003-A, from patients with abnormal CAG repeats in the coding region of the ATXN2 gene. Stem Cell Research, 2019, 34, 101361.	0.7	13
50	Restoring RUNX1 deficiency in <i>RUNX1</i> familial platelet disorder by inhibiting its degradation. Blood Advances, 2021, 5, 687-699.	5.2	12
51	Generation of a human Juvenile myelomonocytic leukemia iPSC line, CHOPi001-A, with a mutation in CBL. Stem Cell Research, 2018, 31, 157-160.	0.7	11
52	GATA6 suppression enhances lung specification from human pluripotent stem cells. Journal of Clinical Investigation, 2018, 128, 2944-2950.	8.2	11
53	A high-throughput multiplexed screening assay for optimizing serum-free differentiation protocols of human embryonic stem cells. Stem Cell Research, 2011, 6, 129-142.	0.7	10
54	A Dual Reporter EndoC-Î²H1 Human Î²-Cell Line for Efficient Quantification of Calcium Flux and Insulin Secretion. Endocrinology, 2020, 161, .	2.8	9

#	Article	IF	Citations
55	Loss of TBX3 enhances pancreatic progenitor generation from human pluripotent stem cells. Stem Cell Reports, 2021, 16, 2617-2627.	4.8	9
56	Endodermal stem cell populations derived from pluripotent stem cells. Current Opinion in Cell Biology, 2013, 25, 265-271.	5.4	8
57	Tropomyosin 1 genetically constrains in vitro hematopoiesis. BMC Biology, 2020, 18, 52.	3.8	8
58	Generation of Hermanskyâ€"Pudlak Syndrome Type 1 (HPS1) induced pluripotent stem cells (iPSCs). Stem Cell Research, 2016, 16, 233-235.	0.7	7
59	iPreP is a three-dimensional nanofibrillar cellulose hydrogel platform for long-term ex vivo preservation of human islets. JCI Insight, 2019, 4, .	5.0	6
60	Epidermal cells rev up reprogramming. Nature Biotechnology, 2008, 26, 1243-1244.	17.5	5
61	Generation of a double insulin and somatostatin reporter line, SCSe001-A-3, for the advancement of stem cell-derived pancreatic islets. Stem Cell Research, 2021, 50, 102112.	0.7	5
62	Genome Editing Human Pluripotent Stem Cells to Model Î²-Cell Disease and Unmask Novel Genetic Modifiers. Frontiers in Endocrinology, 2021, 12, 682625.	3.5	5
63	Janus Kinase (Jak) 1 Inhibition Affects Both Megakaryopoiesis and Thrombopoiesis. Blood, 2018, 132, 2559-2559.	1.4	5
64	Detection of Rh Antibodies in Patient Plasma Using Genome Engineered Induced Pluripotent Stem Cell-Derived Red Cells. Blood, 2021, 138, 350-350.	1.4	5
65	Stem cells unscramble yolk sac hematopoiesis. Blood, 2009, 114, 1455-1456.	1.4	4
66	Generation of human control iPS cell line CHOPWT9 from healthy adult peripheral blood mononuclear cells. Stem Cell Research, 2016, 16, 14-16.	0.7	3
67	Liver Regeneration From Induced Pluripotent Stem Cells. Molecular Therapy, 2010, 18, 2044-2045.	8.2	2
68	Generation of poikiloderma with neutropenia (PN) induced pluripotent stem cells (iPSCs). Stem Cell Research, 2015, 15, 595-597.	0.7	2
69	Generation of Hermansky Pudlak syndrome type 2 (HPS2) induced pluripotent stem cells (iPSCs). Stem Cell Research, 2016, 16, 287-289.	0.7	2
70	Generation of human control iPSC line CHOPi004-A from juvenile foreskin fibroblast cells. Stem Cell Research, 2020, 49, 102084.	0.7	2
71	A Novel Approach for Generating Platelet-Delivered FVIII: Role of Transient LRP1 Expression during Megakaryopoiesis. Blood, 2019, 134, 1102-1102.	1.4	2
72	Modeling genetic platelet disorders with human pluripotent stem cells: mega-progress but wanting more on our plate(let). Current Opinion in Hematology, 2021, 28, 308-314.	2.5	1

#	Article	IF	Citations
73	The Aryl Hydrocarbon Receptor (AhR) Regulates the Production of Bipotential Hematopoietic Progenitor Cells. Blood, 2012, 120, 766-766.	1.4	1
74	Factors Regulating Stem Cell Biology in Development and Disease. Stem Cells International, 2016, 2016, 1-3.	2.5	0
75	Generation of Defined Genomic Modifications Using CRISPR-CAS9 in Human Pluripotent Stem Cells. Journal of Visualized Experiments, 2019, , .	0.3	0
76	Targeted Gene Correction of Glanzmann Thrombasthenia Induced Pluripotent Stem Cells Restores Surface Expression and Fibrinogen Binding of Integrin Î±IIbÎ²3,. Blood, 2011, 118, 4173-4173.	1.4	0
77	Tissue-Specific Transgene Expression in Induced Pluripotent Stem (iPS) Cell-Derived Megakaryocytes: Correction of Glanzmann Thrombasthenia (GT). Blood, 2012, 120, 387-387.	1.4	0
78	Inducible Gata1 Suppression As a Novel Strategy to Expand Physiologic Megakaryocyte Production from Embryonic Stem Cells. Blood, 2014, 124, 3846-3846.	1.4	0
79	Temporally Distinct Developmental Waves of Erythropoiesis from Human Pluripotent Stem Cells. Blood, 2015, 126, 1170-1170.	1.4	0
80	The Inherited Platelet Disorder of RUNX1 Haploinsufficiency (Familial Platelet Disorder with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T Hematopoietic Progenitor Cells: Mechanistic Studies and Drug Correction. Blood, 2019, 134, 220-220.	1.4	0
81	Genome Engineering Human ESCs or iPSCs with Cytosine and Adenine Base Editors. Methods in Molecular Biology, 2022, , .	0.9	0