Gordon M Keller

List of Publications by Year
in descending order

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177 papers	31,596 citations	6840 81 h-index	5622 168 g-index
182 all docs	182 docs citations	182 times ranked	31365 citing authors

#	Article	IF	Citations
1	In Vitro Matured Human Pluripotent Stem Cellâ€"Derived Cardiomyocytes Form Grafts With Enhanced Structure and Function in Injured Hearts. Circulation, 2022, 145, 1412-1426.	1.6	42
2	Therapeutic correction of hemophilia A by transplantation of hPSC-derived liver sinusoidal endothelial cell progenitors. Cell Reports, 2022, 39, 110621.	2.9	9
3	Modeling human yolk sac hematopoiesis with pluripotent stem cells. Journal of Experimental Medicine, 2022, 219, .	4.2	25
4	Photochemically Activated Notch Signaling Hydrogel Preferentially Differentiates Human Derived Hepatoblasts to Cholangiocytes. Advanced Functional Materials, 2021, 31, 2006116.	7.8	13
5	BMP10 Signaling Promotes the Development of Endocardial Cells from Human Pluripotent Stem Cell-Derived Cardiovascular Progenitors. Cell Stem Cell, 2021, 28, 96-111.e7.	5.2	43
6	Oneâ€Step Formation of Proteinâ€Based Tubular Structures for Functional Devices and Tissues. Advanced Healthcare Materials, 2021, 10, e2001746.	3.9	5
7	Generation of mature compact ventricular cardiomyocytes from human pluripotent stem cells. Nature Communications, 2021, 12, 3155.	5.8	93
8	A 3-D human model of complex cardiac arrhythmias. Acta Biomaterialia, 2021, 132, 149-161.	4.1	15
9	Generating ring-shaped engineered heart tissues from ventricular and atrial human pluripotent stem cell-derived cardiomyocytes. Nature Communications, 2020, 11, 75.	5.8	148
10	Transplanted microvessels improve pluripotent stem cellâ€"derived cardiomyocyte engraftment and cardiac function after infarction in rats. Science Translational Medicine, 2020, 12, .	5.8	56
11	Single-Cell Mechanical Analysis of Human Pluripotent Stem Cell-Derived Cardiomyocytes for Drug Testing and Pathophysiological Studies. Stem Cell Reports, 2020, 15, 587-596.	2.3	13
12	Ultrasensitive and rapid quantification of rare tumorigenic stem cells in hPSC-derived cardiomyocyte populations. Science Advances, 2020, 6, eaay7629.	4.7	28
13	Generation of Functional Liver Sinusoidal Endothelial Cells from Human Pluripotent Stem-Cell-Derived Venous Angioblasts. Cell Stem Cell, 2020, 27, 254-269.e9.	5.2	50
14	Functional arrays of human pluripotent stem cell-derived cardiac microtissues. Scientific Reports, 2020, 10, 6919.	1.6	32
15	Cardioprotective GLP-1 metabolite prevents ischemic cardiac injury by inhibiting mitochondrial trifunctional protein-Î±. Journal of Clinical Investigation, 2020, 130, 1392-1404.	3.9	37
16	Human Pluripotent Stem Cell-Derived Cardiovascular Cells: From Developmental Biology to Therapeutic Applications. Cell Stem Cell, 2019, 25, 311-327.	5.2	106
17	A Platform for Generation of Chamber-Specific Cardiac Tissues and Disease Modeling. Cell, 2019, 176, 913-927.e18.	13.5	398
18	Human Embryonic Stem Cell-Derived Cardiomyocytes Regenerate the Infarcted Pig Heart but Induce Ventricular Tachyarrhythmias. Stem Cell Reports, 2019, 12, 967-981.	2.3	207

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19	Ibrutinib Displays Atrial-Specific Toxicity in Human Stem Cell-Derived Cardiomyocytes. Stem Cell Reports, 2019, 12, 996-1006.	2.3	43
20	Essential Gene Profiles for Human Pluripotent Stem Cells Identify Uncharacterized Genes and Substrate Dependencies. Cell Reports, 2019, 27, 599-615.e12.	2.9	85
21	FZD4 Marks Lateral Plate Mesoderm and Signals with NORRIN to Increase Cardiomyocyte Induction from Pluripotent Stem Cell-Derived Cardiac Progenitors. Stem Cell Reports, 2018, 10, 87-100.	2.3	32
22	Single cell RNA sequencing of human liver reveals distinct intrahepatic macrophage populations. Nature Communications, 2018, 9, 4383.	5.8	958
23	Human Stem Cell-Derived Cardiac Model of Chronic Drug Exposure. ACS Biomaterials Science and Engineering, 2017, 3, 1911-1921.	2.6	20
24	Defined Engineered Human Myocardium With Advanced Maturation for Applications in Heart Failure Modeling and Repair. Circulation, 2017, 135, 1832-1847.	1.6	462
25	Haematopoietic stem and progenitor cells from human pluripotent stem cells. Nature, 2017, 545, 432-438.	13.7	395
26	Sinoatrial node cardiomyocytes derived from human pluripotent cells function as a biological pacemaker. Nature Biotechnology, 2017, 35, 56-68.	9.4	280
27	Modeling Atrial Fibrillation using Human Embryonic Stem Cell-Derived Atrial Tissue. Scientific Reports, 2017, 7, 5268.	1.6	77
28	Human Pluripotent Stem Cell-Derived Atrial and Ventricular Cardiomyocytes Develop from Distinct Mesoderm Populations. Cell Stem Cell, 2017, 21, 179-194.e4.	5.2	329
29	Substrate and mechanotransduction influence SERCA2a localization in human pluripotent stem cell-derived cardiomyocytes affecting functional performance. Stem Cell Research, 2017, 25, 107-114.	0.3	24
30	A view of human haematopoietic development from the Petri dish. Nature Reviews Molecular Cell Biology, 2017, 18, 56-67.	16.1	110
31	Modeling altered T-cell development with induced pluripotent stem cells from patients with RAG1-dependent immune deficiencies. Blood, 2016, 128, 783-793.	0.6	45
32	Autonomous beating rate adaptation in human stem cell-derived cardiomyocytes. Nature Communications, 2016, 7, 10312.	5.8	140
33	Biodegradable scaffold with built-in vasculature for organ-on-a-chip engineering and direct surgical anastomosis. Nature Materials, 2016, 15, 669-678.	13.3	471
34	Silent IL2RG Gene Editing in Human Pluripotent Stem Cells. Molecular Therapy, 2016, 24, 582-591.	3.7	8
35	Hedgehog inhibits Î²-catenin activity in synovial joint development and osteoarthritis. Journal of Clinical Investigation, 2016, 126, 1649-1663.	3.9	62
36	Generation of articular chondrocytes from human pluripotent stem cells. Nature Biotechnology, 2015, 33, 638-645.	9.4	171

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37	Comparison of Human Embryonic Stem Cell-Derived Cardiomyocytes, Cardiovascular Progenitors, and Bone Marrow Mononuclear Cells for Cardiac Repair. Stem Cell Reports, 2015, 5, 753-762.	2.3	98
38	Ankrd11 Is a Chromatin Regulator Involved in Autism that Is Essential for Neural Development. Developmental Cell, 2015, 32, 31-42.	3.1	147
39	Directed differentiation of cholangiocytes from human pluripotent stem cells. Nature Biotechnology, 2015, 33, 853-861.	9.4	254
40	Enzymatically degradable poly(ethylene glycol) hydrogels for the 3D culture and release of human embryonic stem cell derived pancreatic precursor cell aggregates. Acta Biomaterialia, 2015, 22, 103-110.	4.1	30
41	Mechanical Stress Promotes Maturation of Human Myocardium From Pluripotent Stem Cell-Derived Progenitors. Stem Cells, 2015, 33, 2148-2157.	1.4	105
42	Human definitive haemogenic endothelium and arterial vascular endothelium represent distinct lineages. Nature Cell Biology, 2015, 17, 580-591.	4.6	243
43	Efficient Generation of NKX6-1+ Pancreatic Progenitors from Multiple Human Pluripotent Stem Cell Lines. Stem Cell Reports, 2015, 4, 591-604.	2.3	258
44	A Quantitative Proteomic Analysis of Hemogenic Endothelium Reveals Differential Regulation of Hematopoiesis by SOX17. Stem Cell Reports, 2015, 5, 291-304.	2.3	12
45	Evolutionarily conserved intercalated disc protein Tmem65 regulates cardiac conduction and connexin 43 function. Nature Communications, 2015, 6, 8391.	5.8	35
46	New markers for tracking endoderm induction and hepatocyte differentiation from human pluripotent stem cells. Development (Cambridge), 2015, 142, 4253-65.	1.2	22
47	Ductal pancreatic cancer modeling and drug screening using human pluripotent stem cellâ€" and patient-derived tumor organoids. Nature Medicine, 2015, 21, 1364-1371.	15.2	591
48	Looking inwards: opening a window onto human development. Development (Cambridge), 2015, 142, 1-2.	1.2	13
49	Transforming the Promise of Pluripotent Stem Cell-Derived Cardiomyocytes to a Therapy: Challenges and Solutions for Clinical Trials. Canadian Journal of Cardiology, 2014, 30, 1335-1349.	0.8	27
50	Microfabricated perfusable cardiac biowire: a platform that mimics native cardiac bundle. Lab on A Chip, 2014, 14, 869-882.	3.1	121
51	Generation of the epicardial lineage from human pluripotent stem cells. Nature Biotechnology, 2014, 32, 1026-1035.	9.4	152
52	The effect of cyclic stretch on maturation and 3D tissue formation of human embryonic stem cell-derived cardiomyocytes. Biomaterials, 2014, 35, 2798-2808.	5.7	222
53	Wnt signaling controls the specification of definitive and primitive hematopoiesis from human pluripotent stem cells. Nature Biotechnology, 2014, 32, 554-561.	9.4	348
54	Fetal Reprogramming and Senescence in Hypoplastic Left Heart Syndrome and in Human Pluripotent Stem Cells during Cardiac Differentiation. American Journal of Pathology, 2013, 183, 720-734.	1.9	65

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55	Three-dimensional culture and cAMP signaling promote the maturation of human pluripotent stem cell-derived hepatocytes. Development (Cambridge), 2013, 140, 3285-3296.	1.2	138
56	Retinoic Acid Signaling Is Essential for Embryonic Hematopoietic Stem Cell Development. Cell, 2013, 155, 215-227.	13.5	170
57	Serum-free differentiation of functional human coronary-like vascular smooth muscle cells from embryonic stem cells. Cardiovascular Research, 2013, 98, 125-135.	1.8	33
58	The expression of Sox17 identifies and regulates haemogenic endothelium. Nature Cell Biology, 2013, 15, 502-510.	4.6	143
59	Defining the path to hematopoietic stem cells. Nature Biotechnology, 2013, 31, 416-418.	9.4	47
60	Specification of chondrocytes and cartilage tissues from embryonic stem cells. Development (Cambridge), 2013, 140, 2597-2610.	1.2	103
61	Biowire: a platform for maturation of human pluripotent stem cellâ€"derived cardiomyocytes. Nature Methods, 2013, 10, 781-787.	9.0	784
62	Induced pluripotent stem cells used to reveal drug actions in a long QT syndrome family with complex genetics. Journal of General Physiology, 2013, 141, 61-72.	0.9	189
63	Mechanism-Based Facilitated Maturation of Human Pluripotent Stem Cellâ€"Derived Cardiomyocytes. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 191-201.	2.1	164
64	Stem cells and regeneration: a special issue. Development (Cambridge), 2013, 140, 2445-2445.	1.2	3
65	Design and formulation of functional pluripotent stem cell-derived cardiac microtissues. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4698-707.	3.3	252
66	Parthenogenetic stem cells for tissue-engineered heart repair. Journal of Clinical Investigation, 2013, 123, 1285-1298.	3.9	96
67	Induced pluripotent stem cells used to reveal drug actions in a long QT syndrome family with complex genetics. Journal of Cell Biology, 2013, 200, i3-i3.	2.3	1
68	Regulated Expression and Role of c-Myb in the Cardiovascular-Directed Differentiation of Mouse Embryonic Stem Cells. Circulation Research, 2012, 110, 253-264.	2.0	12
69	Generation of beta cells from human pluripotent stem cells: Potential for regenerative medicine. Seminars in Cell and Developmental Biology, 2012, 23, 701-710.	2.3	92
70	Metformin Activates an Atypical PKC-CBP Pathway to Promote Neurogenesis and Enhance Spatial Memory Formation. Cell Stem Cell, 2012, 11, 23-35.	5.2	396
71	Dynamic and Coordinated Epigenetic Regulation of Developmental Transitions in the Cardiac Lineage. Cell, 2012, 151, 206-220.	13.5	555
72	A Temporal Chromatin Signature in Human Embryonic Stem Cells Identifies Regulators of Cardiac Development. Cell, 2012, 151, 221-232.	13.5	306

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73	Production of De Novo Cardiomyocytes: Human Pluripotent Stem Cell Differentiation and Direct Reprogramming. Cell Stem Cell, 2012, 10, 16-28.	5.2	616
74	Primitive Erythropoiesis Is Regulated by miR-126 via Nonhematopoietic Vcam-1+ Cells. Developmental Cell, 2012, 23, 45-57.	3.1	38
75	T Lymphocyte Potential Marks the Emergence of Definitive Hematopoietic Progenitors in Human Pluripotent Stem Cell Differentiation Cultures. Cell Reports, 2012, 2, 1722-1735.	2.9	341
76	Micro-Arrayed Human Embryonic Stem Cells-Derived Cardiomyocytes for In Vitro Functional Assay. PLoS ONE, 2012, 7, e48483.	1.1	26
77	Rational bioprocess design for human pluripotent stem cell expansion and endoderm differentiation based on cellular dynamics. Biotechnology and Bioengineering, 2012, 109, 853-866.	1.7	51
78	Stage-specific signaling through TGFÎ² family members and WNT regulates patterning and pancreatic specification of human pluripotent stem cells. Development (Cambridge), 2011, 138, 861-871.	1.2	350
79	SIRPA is a specific cell-surface marker for isolating cardiomyocytes derived from human pluripotent stem cells. Nature Biotechnology, 2011, 29, 1011-1018.	9.4	500
80	Stage-Specific Optimization of Activin/Nodal and BMP Signaling Promotes Cardiac Differentiation of Mouse and Human Pluripotent Stem Cell Lines. Cell Stem Cell, 2011, 8, 228-240.	5.2	1,034
81	FOXO1 is an essential regulator of pluripotency in human embryonic stem cells. Nature Cell Biology, 2011, 13, 1092-1099.	4.6	231
82	Pdx1 and Ngn3 Overexpression Enhances Pancreatic Differentiation of Mouse ES Cell-Derived Endoderm Population. PLoS ONE, 2011, 6, e24058.	1.1	41
83	Distinct Roles of MicroRNA-1 and -499 in Ventricular Specification and Functional Maturation of Human Embryonic Stem Cell-Derived Cardiomyocytes. PLoS ONE, 2011, 6, e27417.	1.1	153
84	Biophysical properties of slow potassium channels in human embryonic stem cell derived cardiomyocytes implicate subunit stoichiometry. Journal of Physiology, 2011, 589, 6093-6104.	1.3	41
85	Generation of anterior foregut endoderm from human embryonic and induced pluripotent stem cells. Nature Biotechnology, 2011, 29, 267-272.	9.4	337
86	An Endothelial Cell Niche Induces Hepatic Specification Through Dual Repression of Wnt and Notch Signaling. Stem Cells, 2011, 29, 217-228.	1.4	44
87	Stage-specific signaling through TGFÎ² family members and WNT regulates patterning and pancreatic specification of human pluripotent stem cells. Journal of Cell Science, 2011, 124, e1-e1.	1.2	0
88	Directed differentiation of hematopoietic precursors and functional osteoclasts from human ES and iPS cells. Blood, 2010, 115, 2769-2776.	0.6	135
89	The homeobox gene<i>Hex</i>regulates hepatocyte differentiation from embryonic stem cell-derived endoderm. Hepatology, 2010, 51, 633-641.	3.6	40
90	Development and Function of Myeloid-Derived Suppressor Cells Generated From Mouse Embryonic and Hematopoietic Stem Cells. Stem Cells, 2010, 28, 620-632.	1.4	134

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91	Simple and High Yielding Method for Preparing Tissue Specific Extracellular Matrix Coatings for Cell Culture. PLoS ONE, 2010, 5, e13039.	1.1	217
92	Interrogating functional integration between injected pluripotent stem cell-derived cells and surrogate cardiac tissue. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3329-3334.	3.3	83
93	The cardiomyocyte lineage is critical for optimization of stem cell therapy in a mouse model of myocardial infarction. FASEB Journal, 2010, 24, 1073-1081.	0.2	16
94	Temporal specification of blood progenitors from mouse embryonic stem cells and induced pluripotent stem cells. Development (Cambridge), 2010, 137, 2829-2839.	1.2	70
95	In vivo gene delivery by embryonic-stem-cellâ€"derived astrocytes for malignant gliomas. Neuro-Oncology, 2009, 11, 102-108.	0.6	26
96	Site-specific integration of adeno-associated virus involves partial duplication of the target locus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7571-7576.	3.3	62
97	Generation of Monoclonal Antibodies Specific for Cell Surface Molecules Expressed on Early Mouse Endoderm. Stem Cells, 2009, 27, 2103-2113.	1.4	38
98	Alternative Induced Pluripotent Stem Cell Characterization Criteria for In Vitro Applications. Cell Stem Cell, 2009, 4, 198-199.	5.2	64
99	In Vivo Detection of Embryonic Stem Cellâ€"Derived Cardiovascular Progenitor Cells Using Cy3-Labeled Gadofluorine M in Murine Myocardium. JACC: Cardiovascular Imaging, 2009, 2, 1114-1122.	2.3	23
100	Serial in vivo positive contrast MRI of iron oxideâ€labeled embryonic stem cellâ€derived cardiac precursor cells in a mouse model of myocardial infarction. Magnetic Resonance in Medicine, 2008, 60, 73-81.	1.9	60
101	Human cardiovascular progenitor cells develop from a KDR+ embryonic-stem-cell-derived population. Nature, 2008, 453, 524-528.	13.7	1,299
102	Notch signaling respecifies the hemangioblast to a cardiac fate. Nature Biotechnology, 2008, 26, 1169-1178.	9.4	77
103	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.	5.2	275
104	Highlights from Philadelphia: ISSCR 2008. Cell Stem Cell, 2008, 3, 259-264.	5.2	1
105	Differentiation of Embryonic Stem Cells toÂClinically Relevant Populations: Lessons from Embryonic Development. Cell, 2008, 132, 661-680.	13.5	1,567
106	Gene delivery by embryonic stem cells for malignant glioma therapy: hype or hope?. Cancer Biology and Therapy, 2008, 7, 1341-1347.	1.5	14
107	Numb mediates the interaction between Wnt and Notch to modulate primitive erythropoietic specification from the hemangioblast. Development (Cambridge), 2008, 135, 3447-3458.	1.2	75
108	Mouse Embryonic Stem Cellâ€"Derived Embryoid Bodies Generate Progenitors That Integrate Long Term into Renal Proximal Tubules In Vivo. Journal of the American Society of Nephrology: JASN, 2007, 18, 1709-1720.	3.0	145

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109	Enhanced proapoptotic effects of tumor necrosis factorâ€"related apoptosis-inducing ligand on temozolomide-resistant glioma cells. Journal of Neurosurgery, 2007, 106, 646-651.	0.9	28
110	Smad1 expands the hemangioblast population within a limited developmental window. Blood, 2007, 109, 516-523.	0.6	39
111	Development of the hemangioblast defines the onset of hematopoiesis in human ES cell differentiation cultures. Blood, 2007, 109, 2679-2687.	0.6	399
112	Identification and targeting of the ROSA26 locus in human embryonic stem cells. Nature Biotechnology, 2007, 25, 1477-1482.	9.4	270
113	Specification of Multipotential Cardiovascular Progenitor Cells During Embryonic Stem Cell Differentiation and Embryonic Development. Trends in Cardiovascular Medicine, 2007, 17, 240-246.	2.3	75
114	Generation of Megakaryocytes from Human Embryonic Stem Cells.. Blood, 2007, 110, 1265-1265.	0.6	0
115	Multipotent Flk-1+ Cardiovascular Progenitor CellsÂGive Rise to the Cardiomyocyte, Endothelial, and Vascular Smooth Muscle Lineages. Developmental Cell, 2006, 11, 723-732.	3.1	674
116	Developmental regulation of yolk sac hematopoiesis by Kruì^ppel-like factor 6. Blood, 2006, 107, 1357-1365.	0.6	126
117	Acceleration of mesoderm development and expansion of hematopoietic progenitors in differentiating ES cells by the mouse Mix-like homeodomain transcription factor. Blood, 2006, 107, 3122-3130.	0.6	39
118	BMP-4 is required for hepatic specification of mouse embryonic stem cellâ€"derived definitive endoderm. Nature Biotechnology, 2006, 24, 1402-1411.	9.4	395
119	Apoptosis in human glioblastoma cells produced using embryonic stem cellâ€"derived astrocytes expressing tumor necrosis factorâ€"related apoptosis-inducing ligand. Journal of Neurosurgery, 2006, 105, 88-95.	0.9	68
120	Directed Differentiation of Mouse Embryonic Stem Cells into Thyroid Follicular Cells. Endocrinology, 2006, 147, 3007-3015.	1.4	68
121	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.	3.3	507
122	Establishment of ES Cells Secreting Human Factor VIII for Hemophilia A-Targeted Cell Therapy.. Blood, 2006, 108, 1012-1012.	0.6	4
123	Knockdown of the Fanconi Anemia Gene FANCD2 Directly Affects Hematopoiesis in Human Embryonic Stem Cells.. Blood, 2006, 108, 1318-1318.	0.6	0
124	Embryonic stem cellâ€"derived astrocytes: a novel gene therapy vector for brain tumors. Neurosurgical Focus, 2005, 19, 1-6.	1.0	13
125	SCL/Tal-1 is essential for hematopoietic commitment of the hemangioblast but not for its development. Blood, 2005, 105, 3862-3870.	0.6	116
126	The homeobox gene HEX regulates proliferation and differentiation of hemangioblasts and endothelial cells during ES cell differentiation. Blood, 2005, 105, 4590-4597.	0.6	61

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127	Germ layer induction from embryonic stem cells. Experimental Hematology, 2005, 33, 955-964.	0.2	119
128	Embryonic stem cellâ€"derived astrocytes expressing drug-inducible transgenes: differentiation and transplantion into the mouse brain. Journal of Neurosurgery, 2005, 103, 115-123.	0.9	32
129	Sequential development of hematopoietic and cardiac mesoderm during embryonic stem cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13170-13175.	3.3	164
130	Embryonic stem cell differentiation: emergence of a new era in biology and medicine. Genes and Development, 2005, 19, 1129-1155.	2.7	1,022
131	Serum Free Induction of a Lympho-Hematopoietic Precursor Population from Murine Embryonic Stem Cells.. Blood, 2005, 106, 3605-3605.	0.6	0
132	Hypoxia affects mesoderm and enhances hemangioblast specification during early development. Development (Cambridge), 2004, 131, 4623-4634.	1.2	128
133	SCL interacts with VEGF to suppress apoptosis at the onset of hematopoiesis. Development (Cambridge), 2004, 131, 693-702.	1.2	34
134	Haemangioblast commitment is initiated in the primitive streak of the mouse embryo. Nature, 2004, 432, 625-630.	13.7	595
135	Tracking Mesoderm Formation and Specification to the Hemangioblast in Vitro. Trends in Cardiovascular Medicine, 2004, 14, 314-317.	2.3	44
136	Committing Embryonic Stem Cells to Early Endocrine Pancreas In Vitro. Stem Cells, 2004, 22, 1205-1217.	1.4	113
137	Development of definitive endoderm from embryonic stem cells in culture. Development (Cambridge), 2004, 131, 1651-1662.	1.2	756
138	The in vitro production and characterization of neutrophils from embryonic stem cells. Blood, 2004, 103, 852-859.	0.6	81
139	Haploinsufficiency of Runx1 results in the acceleration of mesodermal development and hemangioblast specification upon in vitro differentiation of ES cells. Blood, 2004, 103, 886-889.	0.6	65
140	Specificity of Smad Signaling during Primitive Erythropoiesis.. Blood, 2004, 104, 2785-2785.	0.6	0
141	MouseMix gene is activated early during differentiation of ES and F9 stem cells and induces endoderm in frog embryos. Developmental Dynamics, 2003, 226, 446-459.	0.8	31
142	The In Vitro Differentiation of Mouse Embryonic Stem Cells into Neutrophils. Methods in Enzymology, 2003, 365, 129-142.	0.4	10
143	Tracking mesoderm induction and its specification to the hemangioblast during embryonic stem cell differentiation. Development (Cambridge), 2003, 130, 4217-4227.	1.2	444
144	Unsuspected role of the brain morphogenetic gene Otx1 in hematopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10299-10303.	3.3	8

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145	Hematopoietic Commitment of ES Cells in Culture. Methods in Enzymology, 2003, 365, 39-59.	0.4	44
146	Committing Embryonic Stem Cells to Differentiate into Thyrocyte-Like Cells in Vitro. Endocrinology, 2003, 144, 2644-2649.	1.4	68
147	Hematopoietic Development of ES Cells in Culture. , 2002, 63, 209-230.		12
148	Differential long-term and multilineage engraftment potential from subfractions of human CD34+ cord blood cells transplanted into NOD/SCID mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 413-418.	3.3	151
149	Runx1 is essential for hematopoietic commitment at the hemangioblast stage of development in vitro. Blood, 2002, 100, 458-466.	0.6	266
150	The heart LIM protein gene (Hlp), expressed in the developing and adult heart, defines a new tissue-specific LIM-only protein family. Mechanisms of Development, 2002, 116, 187-192.	1.7	20
151	Regulation of Hemangioblast Development. Annals of the New York Academy of Sciences, 2001, 938, 96-108.	1.8	72
152	Hematopoietic Commitment during Embryogenesis. Annals of the New York Academy of Sciences, 1999, 872, 9-16.	1.8	39
153	Human embryonic stem cells: The future is now. Nature Medicine, 1999, 5, 151-152.	15.2	100
154	Development of the hematopoietic system in the mouse. Experimental Hematology, 1999, 27, 777-787.	0.2	140
155	Identification of a Fetal Hematopoietic Precursor with B Cell, T Cell, and Macrophage Potential. Immunity, 1998, 9, 827-838.	6.6	85
156	The Î²-Globin LCR Is Not Necessary for an Open Chromatin Structure or Developmentally Regulated Transcription of the Native Mouse Î²-Globin Locus. Molecular Cell, 1998, 2, 447-455.	4.5	186
157	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	76
158	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. Blood, 1998, 92, 877-887.	0.6	6
159	Leptin Stimulates Fetal and Adult Erythroid and Myeloid Development. Blood, 1997, 89, 1507-1512.	0.6	135
160	Engraftment and Development of Human CD34+-Enriched Cells From Umbilical Cord Blood in NOD/LtSz-scid/scid Mice. Blood, 1997, 90, 85-96.	0.6	197
161	A common precursor for primitive erythropoiesis and definitive haematopoiesis. Nature, 1997, 386, 488-493.	13.7	572
162	Leptin Stimulates Fetal and Adult Erythroid and Myeloid Development. Blood, 1997, 89, 1507-1512.	0.6	2

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163	Expression of FcÎ³RIII defines distinct subpopulations of fetal liver B cell and myeloid precursors. European Journal of Immunology, 1995, 25, 2308-2317.	1.6	26
164	In vitro differentiation of embryonic stem cells. Current Opinion in Cell Biology, 1995, 7, 862-869.	2.6	857
165	Transcriptional Control of Hematopoietic Development. , 1995, , 23-34.		3
166	An early haematopoietic defect in mice lacking the transcription factor GATA-2. Nature, 1994, 371, 221-226.	13.7	1,314
167	Rescue of erythroid development in gene targeted GATAâ€"1âˆ' mouse embryonic stem cells. Nature Genetics, 1992, 1, 92-98.	9.4	255
168	Hematopoietic stem cells. Current Opinion in Immunology, 1992, 4, 133-139.	2.4	38
169	The Introduction of Genes into Mouse Embryos and Stem Cells. , 1992, , 440-458.		4
170	Generation of purified stromal cell cultures that support lymphoid and myeloid precursors. Journal of Immunological Methods, 1986, 89, 37-47.	0.6	54
171	Introduction of a selectable gene into murine T-lymphoblasts by a retroviral vector. Journal of Immunological Methods, 1986, 89, 93-101.	0.6	7
172	Expression of a foreign gene in myeloid and lymphoid cells derived from multipotent haematopoietic precursors. Nature, 1985, 318, 149-154.	13.7	598
173	Clonal generation of multipotent and unipotent hemopoietic blast cell colonies in vitro. Journal of Cellular Physiology, 1984, 120, 29-35.	2.0	14
174	Retrovirus transfer of a bacterial gene into mouse haematopoietic progenitor cells. Nature, 1983, 305, 556-558.	13.7	226
175	Hemopoiesis in spleen and bone marrow cultures. Journal of Cellular Physiology, 1983, 116, 7-15.	2.0	6
176	Hemopoietic colonies on the chorioallantoic membrane of the chick embryo: Induction by embryonic, adherent, non-hemopoietic spleen cells. Journal of Cellular Physiology, 1980, 102, 351-365.	2.0	5
177	Hematopoietic stem/progenitor cell conversion from human pluripotent stem cells. Protocol Exchange, 0, , .	0.3	1