

George Q Daley

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314
papers

50,714
citations

106
h-index

223
g-index

336
ext. papers

56,271
ext. citations

18.4
avg, IF

7.52
L-index

#	Paper	IF	Citations
314	Reprogramming of human somatic cells to pluripotency with defined factors. <i>Nature</i> , 2008 , 451, 141-6	50.4	2364
313	Highly efficient reprogramming to pluripotency and directed differentiation of human cells with synthetic modified mRNA. <i>Cell Stem Cell</i> , 2010 , 7, 618-30	18	2025
312	Disease-specific induced pluripotent stem cells. <i>Cell</i> , 2008 , 134, 877-86	56.2	1787
311	Characterization of single-nucleotide polymorphisms in coding regions of human genes. <i>Nature Genetics</i> , 1999 , 22, 231-8	36.3	1591
310	Characterization of AMN107, a selective inhibitor of native and mutant Bcr-Abl. <i>Cancer Cell</i> , 2005 , 7, 129-41	41.3	1248
309	Selective blockade of microRNA processing by Lin28. <i>Science</i> , 2008 , 320, 97-100	33.3	1183
308	Somatic coding mutations in human induced pluripotent stem cells. <i>Nature</i> , 2011 , 471, 63-7	50.4	998
307	Differential methylation of tissue- and cancer-specific CpG island shores distinguishes human induced pluripotent stem cells, embryonic stem cells and fibroblasts. <i>Nature Genetics</i> , 2009 , 41, 1350-3	36.3	936
306	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. <i>Nature</i> , 2007 , 447, 1007-11	50.4	893
305	The promise of induced pluripotent stem cells in research and therapy. <i>Nature</i> , 2012 , 481, 295-305	50.4	845
304	Targeted and genome-scale strategies reveal gene-body methylation signatures in human cells. <i>Nature Biotechnology</i> , 2009 , 27, 361-8	44.5	830
303	Large intergenic non-coding RNA-RoR modulates reprogramming of human induced pluripotent stem cells. <i>Nature Genetics</i> , 2010 , 42, 1113-7	36.3	773
302	Derivation of embryonic germ cells and male gametes from embryonic stem cells. <i>Nature</i> , 2004 , 427, 148-54	50.4	706
301	HoxB4 confers definitive lymphoid-myeloid engraftment potential on embryonic stem cell and yolk sac hematopoietic progenitors. <i>Cell</i> , 2002 , 109, 29-37	56.2	657
300	Genome-wide mapping of 5-hydroxymethylcytosine in embryonic stem cells. <i>Nature</i> , 2011 , 473, 394-7	50.4	653
299	The Lin28/let-7 axis regulates glucose metabolism. <i>Cell</i> , 2011 , 147, 81-94	56.2	649
298	Lin28 promotes transformation and is associated with advanced human malignancies. <i>Nature Genetics</i> , 2009 , 41, 843-8	36.3	641

297	Tet1 and Tet2 regulate 5-hydroxymethylcytosine production and cell lineage specification in mouse embryonic stem cells. <i>Cell Stem Cell</i> , 2011 , 8, 200-13	18	608
296	Genetic interaction of PGE2 and Wnt signaling regulates developmental specification of stem cells and regeneration. <i>Cell</i> , 2009 , 136, 1136-47	56.2	551
295	Mechanisms of autoinhibition and STI-571/imitinib resistance revealed by mutagenesis of BCR-ABL. <i>Cell</i> , 2003 , 112, 831-43	56.2	533
294	Chromatin-modifying enzymes as modulators of reprogramming. <i>Nature</i> , 2012 , 483, 598-602	50.4	497
293	Generation of induced pluripotent stem cells from human blood. <i>Blood</i> , 2009 , 113, 5476-9	2.2	492
292	Correction of a genetic defect by nuclear transplantation and combined cell and gene therapy. <i>Cell</i> , 2002 , 109, 17-27	56.2	491
291	Comprehensive methylome map of lineage commitment from haematopoietic progenitors. <i>Nature</i> , 2010 , 467, 338-42	50.4	484
290	Targeting Bcr-Abl by combining allosteric with ATP-binding-site inhibitors. <i>Nature</i> , 2010 , 463, 501-6	50.4	465
289	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
288	Influence of threonine metabolism on S-adenosylmethionine and histone methylation. <i>Science</i> , 2013 , 339, 222-6	33.3	444
287	Donor cell type can influence the epigenome and differentiation potential of human induced pluripotent stem cells. <i>Nature Biotechnology</i> , 2011 , 29, 1117-9	44.5	443
286	The P190, P210, and P230 forms of the BCR/ABL oncogene induce a similar chronic myeloid leukemia-like syndrome in mice but have different lymphoid leukemogenic activity. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1399-412	16.6	419
285	Biotechnology. A prudent path forward for genomic engineering and germline gene modification. <i>Science</i> , 2015 , 348, 36-8	33.3	413
284	Targeted bisulfite sequencing reveals changes in DNA methylation associated with nuclear reprogramming. <i>Nature Biotechnology</i> , 2009 , 27, 353-60	44.5	409
283	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , 2011 , 29, 1132-44	44.5	406
282	Live cell imaging distinguishes bona fide human iPS cells from partially reprogrammed cells. <i>Nature Biotechnology</i> , 2009 , 27, 1033-7	44.5	404
281	Biomechanical forces promote embryonic haematopoiesis. <i>Nature</i> , 2009 , 459, 1131-5	50.4	388
280	LIF/STAT3 signaling fails to maintain self-renewal of human embryonic stem cells. <i>Stem Cells</i> , 2004 , 22, 770-8	5.8	378

279	Stem cell metabolism in tissue development and aging. <i>Development (Cambridge)</i> , 2013 , 140, 2535-47	6.6	362
278	CellNet: network biology applied to stem cell engineering. <i>Cell</i> , 2014 , 158, 903-915	56.2	358
277	Induced pluripotent stem cells--opportunities for disease modelling and drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011 , 10, 915-29	64.1	358
276	Generation of functional human hepatic endoderm from human induced pluripotent stem cells. <i>Hepatology</i> , 2010 , 51, 329-35	11.2	347
275	Differential modeling of fragile X syndrome by human embryonic stem cells and induced pluripotent stem cells. <i>Cell Stem Cell</i> , 2010 , 6, 407-11	18	336
274	Lin28: primal regulator of growth and metabolism in stem cells. <i>Cell Stem Cell</i> , 2013 , 12, 395-406	18	334
273	A comparison of non-integrating reprogramming methods. <i>Nature Biotechnology</i> , 2015 , 33, 58-63	44.5	326
272	Lin28: A microRNA regulator with a macro role. <i>Cell</i> , 2010 , 140, 445-9	56.2	323
271	Metabolic regulation in pluripotent stem cells during reprogramming and self-renewal. <i>Cell Stem Cell</i> , 2012 , 11, 589-95	18	319
270	Generation of human-induced pluripotent stem cells. <i>Nature Protocols</i> , 2008 , 3, 1180-6	18.8	313
269	Activation of tyrosine kinases by mutation of the gatekeeper threonine. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1109-18	17.6	311
268	Senescence bypass screen identifies TBX2, which represses Cdkn2a (p19(ARF)) and is amplified in a subset of human breast cancers. <i>Nature Genetics</i> , 2000 , 26, 291-9	36.3	309
267	A role for Lin28 in primordial germ-cell development and germ-cell malignancy. <i>Nature</i> , 2009 , 460, 909-13	30.4	306
266	Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems. <i>Biotechnology and Bioengineering</i> , 2002 , 78, 442-53	4.9	301
265	Stage-specific signaling through TGF β family members and WNT regulates patterning and pancreatic specification of human pluripotent stem cells. <i>Development (Cambridge)</i> , 2011 , 138, 861-71	6.6	295
264	Down β syndrome suppression of tumour growth and the role of the calcineurin inhibitor DSCR1. <i>Nature</i> , 2009 , 459, 1126-30	50.4	286
263	Haematopoietic stem and progenitor cells from human pluripotent stem cells. <i>Nature</i> , 2017 , 545, 432-438	30.4	279
262	Determinants of microRNA processing inhibition by the developmentally regulated RNA-binding protein Lin28. <i>Journal of Biological Chemistry</i> , 2008 , 283, 21310-4	5.4	270

261	Alternative 5' exons in c-abl mRNA. <i>Cell</i> , 1986 , 44, 577-86	56.2	270
260	Functional evidence that the self-renewal gene NANOG regulates human tumor development. <i>Stem Cells</i> , 2009 , 27, 993-1005	5.8	269
259	Deconstructing transcriptional heterogeneity in pluripotent stem cells. <i>Nature</i> , 2014 , 516, 56-61	50.4	262
258	Telomere elongation in induced pluripotent stem cells from dyskeratosis congenita patients. <i>Nature</i> , 2010 , 464, 292-6	50.4	260
257	Prospects for stem cell-based therapy. <i>Cell</i> , 2008 , 132, 544-8	56.2	258
256	Mutant induced pluripotent stem cell lines recapitulate aspects of TDP-43 proteinopathies and reveal cell-specific vulnerability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5803-8	11.5	254
255	Hallmarks of pluripotency. <i>Nature</i> , 2015 , 525, 469-78	50.4	253
254	Musashi-2 regulates normal hematopoiesis and promotes aggressive myeloid leukemia. <i>Nature Medicine</i> , 2010 , 16, 903-8	50.5	252
253	Reprogramming of T cells from human peripheral blood. <i>Cell Stem Cell</i> , 2010 , 7, 15-9	18	251
252	Single nucleotide polymorphisms in multiple novel thrombospondin genes may be associated with familial premature myocardial infarction. <i>Circulation</i> , 2001 , 104, 2641-4	16.7	247
251	Lin28a transgenic mice manifest size and puberty phenotypes identified in human genetic association studies. <i>Nature Genetics</i> , 2010 , 42, 626-30	36.3	241
250	Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells. <i>Nature</i> , 2012 , 491, 769-73	50.4	240
249	Transplantation of adult mouse iPS cell-derived photoreceptor precursors restores retinal structure and function in degenerative mice. <i>PLoS ONE</i> , 2011 , 6, e18992	3.7	238
248	Lin28 enhances tissue repair by reprogramming cellular metabolism. <i>Cell</i> , 2013 , 155, 778-92	56.2	234
247	Origins and implications of pluripotent stem cell variability and heterogeneity. <i>Nature Reviews Molecular Cell Biology</i> , 2013 , 14, 357-68	48.7	234
246	Lineage regulators direct BMP and Wnt pathways to cell-specific programs during differentiation and regeneration. <i>Cell</i> , 2011 , 147, 577-89	56.2	234
245	High-efficiency RNA interference in human embryonic stem cells. <i>Stem Cells</i> , 2005 , 23, 299-305	5.8	234
244	Overcoming STI571 resistance with the farnesyl transferase inhibitor SCH66336. <i>Blood</i> , 2002 , 100, 1068-71	7.1	224

243	Induced pluripotent stem cells in disease modelling and drug discovery. <i>Nature Reviews Genetics</i> , 2019 , 20, 377-388	30.1	219
242	cdx4 mutants fail to specify blood progenitors and can be rescued by multiple hox genes. <i>Nature</i> , 2003 , 425, 300-6	50.4	209
241	Stem cell therapy. Use of differentiated pluripotent stem cells as replacement therapy for treating disease. <i>Science</i> , 2014 , 345, 1247391	33.3	206
240	Midbody accumulation through evasion of autophagy contributes to cellular reprogramming and tumorigenicity. <i>Nature Cell Biology</i> , 2011 , 13, 1214-23	23.4	200
239	LIN28 Regulates Stem Cell Metabolism and Conversion to Primed Pluripotency. <i>Cell Stem Cell</i> , 2016 , 19, 66-80	18	192
238	The promise and perils of stem cell therapeutics. <i>Cell Stem Cell</i> , 2012 , 10, 740-749	18	192
237	Induction of multipotential hematopoietic progenitors from human pluripotent stem cells via respecification of lineage-restricted precursors. <i>Cell Stem Cell</i> , 2013 , 13, 459-70	18	190
236	Induced pluripotent stem cells for neural tissue engineering. <i>Biomaterials</i> , 2011 , 32, 5023-32	15.6	185
235	Histocompatible embryonic stem cells by parthenogenesis. <i>Science</i> , 2007 , 315, 482-6	33.3	183
234	Dissecting engineered cell types and enhancing cell fate conversion via CellNet. <i>Cell</i> , 2014 , 158, 889-902	56.2	181
233	Embryonic stem cell-derived hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 19081-6	11.5	177
232	New ISSCR guidelines underscore major principles for responsible translational stem cell research. <i>Cell Stem Cell</i> , 2008 , 3, 607-9	18	175
231	Robust enhancement of neural differentiation from human ES and iPS cells regardless of their innate difference in differentiation propensity. <i>Stem Cell Reviews and Reports</i> , 2010 , 6, 270-81	6.4	172
230	Therapeutic potential of embryonic stem cells. <i>Blood Reviews</i> , 2005 , 19, 321-31	11.1	172
229	BMP and Wnt specify hematopoietic fate by activation of the Cdx-Hox pathway. <i>Cell Stem Cell</i> , 2008 , 2, 72-82	18	165
228	Activity of the farnesyl protein transferase inhibitor SCH66336 against BCR/ABL-induced murine leukemia and primary cells from patients with chronic myeloid leukemia. <i>Blood</i> , 2001 , 97, 1404-12	2.2	157
227	Polycomb repressive complex 2 regulates normal development of the mouse heart. <i>Circulation Research</i> , 2012 , 110, 406-15	15.7	155
226	Integrative Analyses of Human Reprogramming Reveal Dynamic Nature of Induced Pluripotency. <i>Cell</i> , 2015 , 162, 412-424	56.2	148

225	Mechanisms and implications of imatinib resistance mutations in BCR-ABL. <i>Current Opinion in Hematology</i> , 2004 , 11, 35-43	3.3	146
224	The May-Hegglin anomaly gene MYH9 is a negative regulator of platelet biogenesis modulated by the Rho-ROCK pathway. <i>Blood</i> , 2007 , 110, 171-9	2.2	137
223	Neuronal properties, in vivo effects, and pathology of a Huntington ^Q disease patient-derived induced pluripotent stem cells. <i>Stem Cells</i> , 2012 , 30, 2054-62	5.8	136
222	Setting Global Standards for Stem Cell Research and Clinical Translation: The 2016 ISSCR Guidelines. <i>Stem Cell Reports</i> , 2016 , 6, 787-797	8	136
221	Reprogramming cellular identity for regenerative medicine. <i>Cell</i> , 2012 , 148, 1110-22	56.2	135
220	The transcriptional landscape of hematopoietic stem cell ontogeny. <i>Cell Stem Cell</i> , 2012 , 11, 701-14	18	132
219	Lin28b is sufficient to drive liver cancer and necessary for its maintenance in murine models. <i>Cancer Cell</i> , 2014 , 26, 248-61	24.3	130
218	Recombination signatures distinguish embryonic stem cells derived by parthenogenesis and somatic cell nuclear transfer. <i>Cell Stem Cell</i> , 2007 , 1, 346-52	18	125
217	Multiple mechanisms disrupt the let-7 microRNA family in neuroblastoma. <i>Nature</i> , 2016 , 535, 246-51	50.4	125
216	Ras-MAPK signaling promotes trophectoderm formation from embryonic stem cells and mouse embryos. <i>Nature Genetics</i> , 2008 , 40, 921-6	36.3	123
215	Lin28 sustains early renal progenitors and induces Wilms tumor. <i>Genes and Development</i> , 2014 , 28, 971-82	2.6	120
214	A senescence rescue screen identifies BCL6 as an inhibitor of anti-proliferative p19(ARF)-p53 signaling. <i>Genes and Development</i> , 2002 , 16, 681-6	12.6	119
213	Teratoma formation assays with human embryonic stem cells: a rationale for one type of human-animal chimera. <i>Cell Stem Cell</i> , 2007 , 1, 253-8	18	118
212	Systematic identification of factors for provirus silencing in embryonic stem cells. <i>Cell</i> , 2015 , 163, 230-45	56.2	117
211	Overcoming reprogramming resistance of Fanconi anemia cells. <i>Blood</i> , 2012 , 119, 5449-57	2.2	116
210	Reprogrammed cells for disease modeling and regenerative medicine. <i>Annual Review of Medicine</i> , 2013 , 64, 277-90	17.4	111
209	Altered hematopoiesis in trisomy 21 as revealed through in vitro differentiation of isogenic human pluripotent cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17567-72	11.5	108
208	Treatment of Bcr/Abl-positive acute lymphoblastic leukemia in P190 transgenic mice with the farnesyl transferase inhibitor SCH66336. <i>Blood</i> , 2001 , 97, 1399-403	2.2	106

207	Stem Cells in the Treatment of Disease. <i>New England Journal of Medicine</i> , 2019 , 380, 1748-1760	59.2	101
206	Broader implications of defining standards for the pluripotency of iPSCs. <i>Cell Stem Cell</i> , 2009 , 4, 200-1; author reply 202	18	101
205	From fibroblasts to iPS cells: induced pluripotency by defined factors. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 949-55	4.7	100
204	Secondary Mutation Maintains the Transformed State in BaF3 Cells With Inducible BCR/ABL Expression. <i>Blood</i> , 1998 , 91, 3927-3934	2.2	100
203	Musashi-2 controls cell fate, lineage bias, and TGF- β signaling in HSCs. <i>Journal of Experimental Medicine</i> , 2014 , 211, 71-87	16.6	99
202	Multivariate proteomic analysis of murine embryonic stem cell self-renewal versus differentiation signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2900-5	11.5	99
201	Bayesian analysis of signaling networks governing embryonic stem cell fate decisions. <i>Bioinformatics</i> , 2005 , 21, 741-53	7.2	98
200	Investigating monogenic and complex diseases with pluripotent stem cells. <i>Nature Reviews Genetics</i> , 2011 , 12, 266-75	30.1	95
199	A blueprint for engineering cell fate: current technologies to reprogram cell identity. <i>Cell Research</i> , 2013 , 23, 33-48	24.7	94
198	Molecular basis of pluripotency. <i>Human Molecular Genetics</i> , 2008 , 17, R23-7	5.6	94
197	Activity of dual SRC-ABL inhibitors highlights the role of BCR/ABL kinase dynamics in drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9244-9	11.5	92
196	Secondary Mutation Maintains the Transformed State in BaF3 Cells With Inducible BCR/ABL Expression. <i>Blood</i> , 1998 , 91, 3927-3934	2.2	90
195	Ethics. The ISSCR guidelines for human embryonic stem cell research. <i>Science</i> , 2007 , 315, 603-4	33.3	89
194	A functional screen identifies hDRIL1 as an oncogene that rescues RAS-induced senescence. <i>Nature Cell Biology</i> , 2002 , 4, 148-53	23.4	89
193	Fetal deficiency of lin28 programs life-long aberrations in growth and glucose metabolism. <i>Stem Cells</i> , 2013 , 31, 1563-73	5.8	87
192	Hematopoietic development from human induced pluripotent stem cells. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1176, 219-27	6.5	87
191	Human embryonic stem cell derivation from poor-quality embryos. <i>Nature Biotechnology</i> , 2008 , 26, 212-4	44.5	87
190	Surface antigen phenotypes of hematopoietic stem cells from embryos and murine embryonic stem cells. <i>Blood</i> , 2009 , 114, 268-78	2.2	86

189	SCIENTIFIC COMMUNITY. Confronting stem cell hype. <i>Science</i> , 2016 , 352, 776-7	33.3	86
188	Using CRISPR-Cas9 to Generate Gene-Corrected Autologous iPSCs for the Treatment of Inherited Retinal Degeneration. <i>Molecular Therapy</i> , 2017 , 25, 1999-2013	11.7	84
187	MicroRNA profiling reveals two distinct p53-related human pluripotent stem cell states. <i>Cell Stem Cell</i> , 2010 , 7, 671-81	18	84
186	Cross-regulation of the Nanog and Cdx2 promoters. <i>Cell Research</i> , 2009 , 19, 1052-61	24.7	83
185	Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , 2015 , 523, 468-71	50.4	82
184	Induced pluripotent stem cell models from X-linked adrenoleukodystrophy patients. <i>Annals of Neurology</i> , 2011 , 70, 402-9	9.4	82
183	NF- κ B activation impairs somatic cell reprogramming in ageing. <i>Nature Cell Biology</i> , 2015 , 17, 1004-13	23.4	80
182	De novo generation of HSCs from somatic and pluripotent stem cell sources. <i>Blood</i> , 2015 , 125, 2641-8	2.2	78
181	Assessing naïve human pluripotency. <i>Current Opinion in Genetics and Development</i> , 2012 , 22, 272-82	4.9	78
180	Induced pluripotent stem cells with a mitochondrial DNA deletion. <i>Stem Cells</i> , 2013 , 31, 1287-97	5.8	77
179	Hematopoietic differentiation of induced pluripotent stem cells from patients with mucopolysaccharidosis type I (Hurler syndrome). <i>Blood</i> , 2011 , 117, 839-47	2.2	77
178	Alternative splicing of MBD2 supports self-renewal in human pluripotent stem cells. <i>Cell Stem Cell</i> , 2014 , 15, 92-101	18	76
177	Implicating the bcr/abl gene in the pathogenesis of Philadelphia chromosome-positive human leukemia. <i>Advances in Cancer Research</i> , 1991 , 57, 151-84	5.9	76
176	Quantitative proteomic analysis of induced pluripotent stem cells derived from a human Huntington's disease patient. <i>Biochemical Journal</i> , 2012 , 446, 359-71	3.8	75
175	Clonal analysis of differentiating embryonic stem cells reveals a hematopoietic progenitor with primitive erythroid and adult lymphoid-myeloid potential. <i>Development (Cambridge)</i> , 2001 , 128, 4597-4604	6.6	74
174	Drug discovery for Diamond-Blackfan anemia using reprogrammed hematopoietic progenitors. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	73
173	Molecular basis of the first cell fate determination in mouse embryogenesis. <i>Cell Research</i> , 2010 , 20, 982-93	24.7	73
172	Chronic myeloid leukaemia: an investigation into the role of Bcr-Abl-induced abnormalities in glucose transport regulation. <i>Oncogene</i> , 2005 , 24, 3257-67	9.2	73

171	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. <i>EMBO Journal</i> , 2013 , 32, 1489-95	13	72
170	Cooperative and redundant effects of STAT5 and Ras signaling in BCR/ABL transformed hematopoietic cells. <i>Oncogene</i> , 2001 , 20, 5826-35	9.2	72
169	LIN28 cooperates with WNT signaling to drive invasive intestinal and colorectal adenocarcinoma in mice and humans. <i>Genes and Development</i> , 2015 , 29, 1074-86	12.6	71
168	Cell cycle adaptations of embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19252-7	11.5	71
167	Novel role for PDEF in epithelial cell migration and invasion. <i>Cancer Research</i> , 2005 , 65, 11572-80	10.1	70
166	Knockdown of Fanconi anemia genes in human embryonic stem cells reveals early developmental defects in the hematopoietic lineage. <i>Blood</i> , 2010 , 115, 3453-62	2.2	69
165	In vitro generation of germ cells from murine embryonic stem cells. <i>Nature Protocols</i> , 2006 , 1, 2026-36	18.8	69
164	New lessons learned from disease modeling with induced pluripotent stem cells. <i>Current Opinion in Genetics and Development</i> , 2012 , 22, 500-8	4.9	68
163	Induced pluripotent stem cells for modelling human diseases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2274-85	5.8	68
162	Human endogenous retrovirus K (HML-2) RNA and protein expression is a marker for human embryonic and induced pluripotent stem cells. <i>Retrovirology</i> , 2013 , 10, 115	3.6	65
161	Enhanced hematopoietic differentiation of embryonic stem cells conditionally expressing Stat5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100 Suppl 1, 11904-10	11.5	65
160	Functional vascular smooth muscle cells derived from human induced pluripotent stem cells via mesenchymal stem cell intermediates. <i>Cardiovascular Research</i> , 2012 , 96, 391-400	9.9	64
159	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. <i>Cell Reports</i> , 2016 , 17, 458-468	10.6	64
158	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Experimental Medicine</i> , 2015 , 212, 649-63	16.6	63
157	The epithelial-mesenchymal transition factor SNAIL paradoxically enhances reprogramming. <i>Stem Cell Reports</i> , 2014 , 3, 691-8	8	63
156	Therapeutic potential of human induced pluripotent stem cells in experimental stroke. <i>Cell Transplantation</i> , 2013 , 22, 1427-40	4	62
155	Cdx4 dysregulates Hox gene expression and generates acute myeloid leukemia alone and in cooperation with Meis1a in a murine model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16924-9	11.5	62
154	Chronic myeloid leukemia: reminiscences and dreams. <i>Haematologica</i> , 2016 , 101, 541-58	6.6	61

153	Gametes from embryonic stem cells: a cup half empty or half full?. <i>Science</i> , 2007 , 316, 409-10	33.3	60
152	microRNA expression during trophectoderm specification. <i>PLoS ONE</i> , 2009 , 4, e6143	3.7	60
151	Pluripotent stem cell models of Shwachman-Diamond syndrome reveal a common mechanism for pancreatic and hematopoietic dysfunction. <i>Cell Stem Cell</i> , 2013 , 12, 727-36	18	59
150	Nuclear transplantation, embryonic stem cells and the potential for cell therapy. <i>The Hematology Journal</i> , 2004 , 5 Suppl 3, S114-7		59
149	From embryos to embryoid bodies: generating blood from embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2003 , 996, 122-31	6.5	59
148	Metabolic switches linked to pluripotency and embryonic stem cell differentiation. <i>Cell Metabolism</i> , 2015 , 21, 349-50	24.6	58
147	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP-PKA signaling axis. <i>Journal of Experimental Medicine</i> , 2015 , 212, 665-80	16.6	58
146	Realistic prospects for stem cell therapeutics. <i>Hematology American Society of Hematology Education Program</i> , 2003 , 2003, 398-418	3.1	58
145	A genetic screen to identify genes that rescue the slow growth phenotype of c-myc null fibroblasts. <i>Oncogene</i> , 2000 , 19, 3330-4	9.2	58
144	Engineering Hematopoietic Stem Cells: Lessons from Development. <i>Cell Stem Cell</i> , 2016 , 18, 707-720	18	57
143	Autologous blood cell therapies from pluripotent stem cells. <i>Blood Reviews</i> , 2010 , 24, 27-37	11.1	57
142	Upping the ante: recent advances in direct reprogramming. <i>Molecular Therapy</i> , 2009 , 17, 947-53	11.7	56
141	The homeobox gene HEX regulates proliferation and differentiation of hemangioblasts and endothelial cells during ES cell differentiation. <i>Blood</i> , 2005 , 105, 4590-7	2.2	56
140	Stem cells: roadmap to the clinic. <i>Journal of Clinical Investigation</i> , 2010 , 120, 8-10	15.9	53
139	Progress towards generation of human haematopoietic stem cells. <i>Nature Cell Biology</i> , 2016 , 18, 1111-1117	11.7	52
138	Signaling axis involving Hedgehog, Notch, and Scl promotes the embryonic endothelial-to-hematopoietic transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E141-50	11.5	50
137	Cdx gene deficiency compromises embryonic hematopoiesis in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7756-61	11.5	50
136	Reconstruction of complex single-cell trajectories using CellRouter. <i>Nature Communications</i> , 2018 , 9, 892	17.4	49

135	Regulation of embryonic haematopoietic multipotency by EZH1. <i>Nature</i> , 2018 , 553, 506-510	50.4	48
134	Origins of mammalian hematopoiesis: in vivo paradigms and in vitro models. <i>Current Topics in Developmental Biology</i> , 2004 , 60, 127-96	5.3	48
133	Phase 1 study of lonafarnib (SCH 66336) and imatinib mesylate in patients with chronic myeloid leukemia who have failed prior single-agent therapy with imatinib. <i>Cancer</i> , 2007 , 110, 1295-302	6.4	46
132	A robust approach to identifying tissue-specific gene expression regulatory variants using personalized human induced pluripotent stem cells. <i>PLoS Genetics</i> , 2009 , 5, e1000718	6	46
131	Effect of developmental stage of HSC and recipient on transplant outcomes. <i>Developmental Cell</i> , 2014 , 29, 621-628	10.2	45
130	Deciphering the rules of ceRNA networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7112-3	11.5	45
129	Zcchc11 uridylates mature miRNAs to enhance neonatal IGF-1 expression, growth, and survival. <i>PLoS Genetics</i> , 2012 , 8, e1003105	6	45
128	Small-Molecule Inhibitors Disrupt let-7 Oligouridylation and Release the Selective Blockade of let-7 Processing by LIN28. <i>Cell Reports</i> , 2018 , 23, 3091-3101	10.6	44
127	Derivation and maintenance of human embryonic stem cells from poor-quality in vitro fertilization embryos. <i>Nature Protocols</i> , 2008 , 3, 923-33	18.8	44
126	Developmental regulation of myeloerythroid progenitor function by the Lin28b-let-7-Hmga2 axis. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1497-512	16.6	44
125	Notch-HES1 signaling axis controls hemato-endothelial fate decisions of human embryonic and induced pluripotent stem cells. <i>Blood</i> , 2013 , 122, 1162-73	2.2	43
124	Expression of interferon consensus sequence binding protein induces potent immunity against BCR/ABL-induced leukemia. <i>Blood</i> , 2001 , 97, 3491-7	2.2	43
123	LIN28 phosphorylation by MAPK/ERK couples signalling to the post-transcriptional control of pluripotency. <i>Nature Cell Biology</i> , 2017 , 19, 60-67	23.4	42
122	Comprehensive Mapping of Pluripotent Stem Cell Metabolism Using Dynamic Genome-Scale Network Modeling. <i>Cell Reports</i> , 2017 , 21, 2965-2977	10.6	41
121	Flow-induced protein kinase A-CREB pathway acts via BMP signaling to promote HSC emergence. <i>Journal of Experimental Medicine</i> , 2015 , 212, 633-48	16.6	40
120	Stem cells and the evolving notion of cellular identity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20140376	5.8	40
119	Modulation of murine embryonic stem cell-derived CD41+c-kit+ hematopoietic progenitors by ectopic expression of Cdx genes. <i>Blood</i> , 2008 , 111, 4944-53	2.2	40
118	Interactions between Cdx genes and retinoic acid modulate early cardiogenesis. <i>Developmental Biology</i> , 2011 , 354, 134-42	3.1	39

117	9-(Arenethenyl)purines as dual Src/Abl kinase inhibitors targeting the inactive conformation: design, synthesis, and biological evaluation. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 4743-56	8.3	37
116	Acceleration of mesoderm development and expansion of hematopoietic progenitors in differentiating ES cells by the mouse Mix-like homeodomain transcription factor. <i>Blood</i> , 2006 , 107, 3122-30	2.2	37
115	Precise let-7 expression levels balance organ regeneration against tumor suppression. <i>ELife</i> , 2015 , 4, e09431	8.9	37
114	Mesodermal patterning activity of SCL. <i>Experimental Hematology</i> , 2008 , 36, 1593-603	3.1	36
113	Lin28a regulates germ cell pool size and fertility. <i>Stem Cells</i> , 2013 , 31, 1001-9	5.8	35
112	A role for thrombopoietin in hemangioblast development. <i>Stem Cells</i> , 2003 , 21, 272-80	5.8	35
111	Autocrine and paracrine effects of an ES-cell derived, BCR/ABL-transformed hematopoietic cell line that induces leukemia in mice. <i>Oncogene</i> , 2001 , 20, 2636-46	9.2	35
110	Failure to replicate the STAP cell phenomenon. <i>Nature</i> , 2015 , 525, E6-9	50.4	34
109	Euchromatin islands in large heterochromatin domains are enriched for CTCF binding and differentially DNA-methylated regions. <i>BMC Genomics</i> , 2012 , 13, 566	4.5	33
108	Induced pluripotent stem cells: a novel frontier in the study of human primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1400-7.e4	11.5	33
107	Scientific and clinical opportunities for modeling blood disorders with embryonic stem cells. <i>Blood</i> , 2006 , 107, 2605-12	2.2	33
106	Policy: Global standards for stem-cell research. <i>Nature</i> , 2016 , 533, 311-3	50.4	33
105	New ISSCR guidelines: clinical translation of stem cell research. <i>Lancet, The</i> , 2016 , 387, 1979-81	40	33
104	Notch1 acts via Foxc2 to promote definitive hematopoiesis via effects on hemogenic endothelium. <i>Blood</i> , 2015 , 125, 1418-26	2.2	32
103	RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. <i>Cell Reports</i> , 2016 , 15, 2597-607	10.6	32
102	Genomic approaches to deconstruct pluripotency. <i>Annual Review of Genomics and Human Genetics</i> , 2011 , 12, 165-85	9.7	32
101	Anticipating clinical resistance to target-directed agents : the BCR-ABL paradigm. <i>Molecular Diagnosis and Therapy</i> , 2006 , 10, 67-76	4.5	32
100	Chronic myeloid leukemia: proving ground for cancer stem cells. <i>Cell</i> , 2004 , 119, 314-6	56.2	32

99	Polar Extremes in the Clinical Use of Stem Cells. <i>New England Journal of Medicine</i> , 2017 , 376, 1075-1077	59.2	31
98	A nontranscriptional role for Oct4 in the regulation of mitotic entry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15768-73	11.5	31
97	Novel retroviral vectors to facilitate expression screens in mammalian cells. <i>Nucleic Acids Research</i> , 2002 , 30, e142	20.1	31
96	Hematopoiesis from embryonic stem cells: lessons from and for ontogeny. <i>Experimental Hematology</i> , 2003 , 31, 994-1006	3.1	30
95	Sex-specific regulation of weight and puberty by the Lin28/let-7 axis. <i>Journal of Endocrinology</i> , 2016 , 228, 179-91	4.7	29
94	Inducible transgene expression in mouse stem cells. <i>Methods in Molecular Medicine</i> , 2005 , 105, 23-46		29
93	Lin28 and let-7 regulate the timing of cessation of murine nephrogenesis. <i>Nature Communications</i> , 2019 , 10, 168	17.4	29
92	Interferon- β signaling promotes embryonic HSC maturation. <i>Blood</i> , 2016 , 128, 204-16	2.2	28
91	Interaction of retinoic acid and scl controls primitive blood development. <i>Blood</i> , 2010 , 116, 201-9	2.2	28
90	Mining for SNPs: putting the common variants--common disease hypothesis to the test. <i>Pharmacogenomics</i> , 2000 , 1, 27-37	2.6	28
89	Pancreatic circulating tumor cell profiling identifies LIN28B as a metastasis driver and drug target. <i>Nature Communications</i> , 2020 , 11, 3303	17.4	27
88	ISSCR Guidelines for Stem Cell Research and Clinical Translation: The 2021 update. <i>Stem Cell Reports</i> , 2021 , 16, 1398-1408	8	27
87	Disruptive reproductive technologies. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	25
86	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , 2020 , 52, 446-460.e5	10.2	25
85	Stem cells assessed. <i>Nature Reviews Molecular Cell Biology</i> , 2012 , 13, 471-6	48.7	25
84	A CLK3-HMGA2 Alternative Splicing Axis Impacts Human Hematopoietic Stem Cell Molecular Identity throughout Development. <i>Cell Stem Cell</i> , 2018 , 22, 575-588.e7	18	24
83	Development. A stem cell perspective on cellular engineering. <i>Science</i> , 2013 , 342, 700-2	33.3	24
82	Human iPS cell derivation/reprogramming. <i>Current Protocols in Stem Cell Biology</i> , 2009 , Chapter 4, Unit 4A.1	2.8	24

81	The cdx-hox pathway in hematopoietic stem cell formation from embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1106, 197-208	6.5	24
80	The Lin28/let-7 Pathway Regulates the Mammalian Caudal Body Axis Elongation Program. <i>Developmental Cell</i> , 2019 , 48, 396-405.e3	10.2	23
79	Transgene expression and RNA interference in embryonic stem cells. <i>Methods in Enzymology</i> , 2006 , 420, 49-64	1.7	23
78	Application of induced pluripotent stem cells to hematologic disease. <i>Cytotherapy</i> , 2009 , 11, 980-9	4.8	21
77	In vitro gametogenesis from embryonic stem cells. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 688-92	9	20
76	Towards combination target-directed chemotherapy for chronic myeloid leukemia: role of farnesyl transferase inhibitors. <i>Seminars in Hematology</i> , 2003 , 40, 11-4	4	20
75	Patterning definitive hematopoietic stem cells from embryonic stem cells. <i>Experimental Hematology</i> , 2005 , 33, 971-9	3.1	20
74	Cellular therapy for fanconi anemia: the past, present, and future. <i>Biology of Blood and Marrow Transplantation</i> , 2011 , 17, S109-14	4.7	19
73	Disease models from pluripotent stem cells. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1176, 191-6	6.5	19
72	ICSBP-mediated immune protection against BCR-ABL-induced leukemia requires the CCL6 and CCL9 chemokines. <i>Blood</i> , 2009 , 113, 3813-20	2.2	19
71	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. <i>Developmental Cell</i> , 2020 , 55, 133-149.e6	10.2	19
70	AP24163 inhibits the gatekeeper mutant of BCR-ABL and suppresses in vitro resistance. <i>Chemical Biology and Drug Design</i> , 2010 , 75, 223-7	2.9	18
69	A screen to identify drug resistant variants to target-directed anti-cancer agents. <i>Biological Procedures Online</i> , 2003 , 5, 204-210	8.3	18
68	Animal models of BCR/ABL-induced leukemias. <i>Leukemia and Lymphoma</i> , 1993 , 11 Suppl 1, 57-60	1.9	18
67	Engineered Murine HSCs Reconstitute Multi-lineage Hematopoiesis and Adaptive Immunity. <i>Cell Reports</i> , 2016 , 17, 3178-3192	10.6	17
66	Hematopoietic stem cells develop in the absence of endothelial cadherin 5 expression. <i>Blood</i> , 2015 , 126, 2811-20	2.2	16
65	Telomere dynamics in dyskeratosis congenita: the long and the short of iPS. <i>Cell Research</i> , 2011 , 21, 1157-69	4.9	16
64	Towards the generation of patient-specific pluripotent stem cells for combined gene and cell therapy of hematologic disorders. <i>Hematology American Society of Hematology Education Program</i> , 2007 , 2007, 17-22	3.1	16

63	Excision of a viral reprogramming cassette by delivery of synthetic Cre mRNA. <i>Current Protocols in Stem Cell Biology</i> , 2012 , Chapter 4, Unit4A.5	2.8	16
62	The developmental stage of the hematopoietic niche regulates lineage in rearranged leukemia. <i>Journal of Experimental Medicine</i> , 2019 , 216, 527-538	16.6	15
61	LIN28B regulates transcription and potentiates MYCN-induced neuroblastoma through binding to ZNF143 at target gene promoters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16516-16526	11.5	15
60	Cellular alchemy and the golden age of reprogramming. <i>Cell</i> , 2012 , 151, 1151-4	56.2	15
59	Towards hematopoietic reconstitution from embryonic stem cells: a sanguine future. <i>Current Opinion in Hematology</i> , 2007 , 14, 343-7	3.3	15
58	Clump passaging and expansion of human embryonic and induced pluripotent stem cells on mouse embryonic fibroblast feeder cells. <i>Current Protocols in Stem Cell Biology</i> , 2010 , Chapter 1, Unit 1C.10	2.8	15
57	A systems biology pipeline identifies regulatory networks for stem cell engineering. <i>Nature Biotechnology</i> , 2019 , 37, 810-818	44.5	14
56	Isolation of hematopoietic stem cells from mouse embryonic stem cells. <i>Current Protocols in Stem Cell Biology</i> , 2008 , Chapter 1, Unit 1F.3	2.8	13
55	Differentiation potential of histocompatible parthenogenetic embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1106, 209-18	6.5	13
54	Gleevec Resistance: Lessons for Target-Directed Drug Development. <i>Cell Cycle</i> , 2003 , 2, 189-190	4.7	13
53	Cdx4 is dispensable for murine adult hematopoietic stem cells but promotes MLL-AF9-mediated leukemogenesis. <i>Haematologica</i> , 2010 , 95, 1642-50	6.6	12
52	Mapping the Road to the Clinical Translation of Stem Cells. <i>Cell Stem Cell</i> , 2008 , 2, 139-140	18	12
51	Diversification of reprogramming trajectories revealed by parallel single-cell transcriptome and chromatin accessibility sequencing. <i>Science Advances</i> , 2020 , 6,	14.3	12
50	Human embryonic stem cells flock together. <i>Nature Biotechnology</i> , 2007 , 25, 748-50	44.5	11
49	regulates age-dependent differences in murine platelet function. <i>Blood Advances</i> , 2019 , 3, 72-82	7.8	11
48	A nanobody targeting the LIN28:let-7 interaction fragment of TUT4 blocks uridylation of let-7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4653-4663	11.5	10
47	Live-cell immunofluorescence staining of human pluripotent stem cells. <i>Current Protocols in Stem Cell Biology</i> , 2011 , Chapter 1, Unit 1C.12	2.8	10
46	Pluripotent stem cells in research and treatment of hemoglobinopathies. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012 , 2, a011841	5.4	10

45	Farnesyl transferase inhibitor resistance probed by target mutagenesis. <i>Blood</i> , 2007 , 110, 2102-9	2.2	10
44	Transplantation of <i>Macaca cynomolgus</i> iPS-derived hematopoietic cells in NSG immunodeficient mice. <i>Haematologica</i> , 2015 , 100, e428-31	6.6	9
43	Genetic complementation of cytokine signaling identifies central role of kinases in hematopoietic cell proliferation. <i>Oncogene</i> , 2004 , 23, 1214-20	9.2	9
42	Caudal genes in blood development and leukemia. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1266, 47-54	6.5	8
41	Development of hematopoietic repopulating cells from embryonic stem cells. <i>Methods in Enzymology</i> , 2003 , 365, 114-29	1.7	8
40	Mitochondrial and Redox Modifications in Huntington Disease Induced Pluripotent Stem Cells Rescued by CRISPR/Cas9 CAGs Targeting. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 576592	5.7	6
39	Two new routes to make blood: Hematopoietic specification from pluripotent cell lines versus reprogramming of somatic cells. <i>Experimental Hematology</i> , 2015 , 43, 756-9	3.1	5
38	A new route to human embryonic stem cells. <i>Nature Medicine</i> , 2013 , 19, 820-1	50.5	5
37	Comment on "Drug screening for ALS using patient-specific induced pluripotent stem cells". <i>Science Translational Medicine</i> , 2013 , 5, 188le2	17.5	5
36	Another horse in the meta-stable state of pluripotency. <i>Cell Stem Cell</i> , 2010 , 7, 641-2	18	5
35	Efficient gene knockdowns in human embryonic stem cells using lentiviral-based RNAi. <i>Methods in Molecular Biology</i> , 2009 , 482, 35-42	1.4	5
34	Derivation of human embryonic stem cells with NEMO deficiency. <i>Stem Cell Research</i> , 2012 , 8, 410-5	1.6	4
33	Hematopoietic defects and iPSC disease modeling: lessons learned. <i>Immunology Letters</i> , 2013 , 155, 18-20.	4.1	4
32	Defining cellular identity through network biology. <i>Cell Cycle</i> , 2014 , 13, 3313-4	4.7	4
31	rRNA biogenesis regulates mouse 2C-like state by 3D structure reorganization of peri-nucleolar heterochromatin. <i>Nature Communications</i> , 2021 , 12, 6365	17.4	4
30	LIN28 coordinately promotes nucleolar/ribosomal functions and represses the 2C-like transcriptional program in pluripotent stem cells. <i>Protein and Cell</i> , 2021 , 1	7.2	4
29	Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 and Ly6a Reporter System. <i>Stem Cell Reports</i> , 2020 , 14, 956-971	8	4
28	Autophagy: It's in Your Blood. <i>Developmental Cell</i> , 2017 , 40, 518-520	10.2	3

27	Deriving blood stem cells from pluripotent stem cells for research and therapy. <i>Best Practice and Research in Clinical Haematology</i> , 2014 , 27, 293-7	4.2	3
26	From Hen House to Bedside: Tracing Hanafusa's Legacy from Avian Leukemia Viruses to SRC to ABL and Beyond. <i>Genes and Cancer</i> , 2010 , 1, 1164-9	2.9	3
25	Rationalizing autotransplant strategies for chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 1996 , 21, 353-8	1.9	3
24	Reassembling embryos in vitro from component stem cells. <i>Cell Research</i> , 2017 , 27, 961-962	24.7	2
23	The nomenclature system should be sustainable, but also practical. <i>Cell Stem Cell</i> , 2011 , 8, 606-7	18	2
22	Introduction to the Special Issue on CRISPR. <i>Perspectives in Biology and Medicine</i> , 2020 , 63, 1-13	1.5	1
21	Functional evaluation of ES-somatic cell hybrids in vitro and in vivo. <i>Cellular Reprogramming</i> , 2014 , 16, 167-74	2.1	1
20	Global Forum Discusses Stem Cell Research Strategy. <i>Cell Stem Cell</i> , 2008 , 2, 435-436	18	1
19	Hematopoietic Stem Cells 2009 , 211-215		1
18	Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis.. <i>Cell Reports</i> , 2022 , 39, 110587	10.6	1
17	Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells.. <i>Cell Reports</i> , 2022 , 39, 110752	10.6	1
16	The ISSCR in China. <i>Cell Stem Cell</i> , 2008 , 2, 33	18	0
15	An induced pluripotent stem cell model of Fanconi anemia reveals mechanisms of p53-driven progenitor cell differentiation. <i>Blood Advances</i> , 2020 , 4, 4679-4692	7.8	0
14	Lin28 paralogs regulate lung branching morphogenesis. <i>Cell Reports</i> , 2021 , 36, 109408	10.6	0
13	Sequential regulation of hemogenic fate and hematopoietic stem and progenitor cell formation from arterial endothelium by Ezh1/2. <i>Stem Cell Reports</i> , 2021 , 16, 1718-1734	8	0
12	Hematopoietic Stem Cells 2014 , 219-226		
11	Hematopoietic Stem Cells 2013 , 553-557		
10	Konrad Hochedlinger: ISSCR Outstanding Young Investigator for 2009. <i>Cell Stem Cell</i> , 2009 , 5, 154-155	18	

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- 8 Male germ cells. *Methods in Enzymology*, **2006**, 418, 307-14 1.7
- 7 Simplifying hESC culture. *Blood*, **2005**, 105, 4550-4550 2.2
- 6 Towards combination target-directed chemotherapy for chronic myeloid leukemia: Role of farnesyl transferase inhibitors. *Seminars in Hematology*, **2003**, 40, 11-14 4
- 5 Hematopoietic Stem Cells **2004**, 279-283
- 4 Biomechanical forces promote blood development through prostaglandin E2 and the cAMP/PKA signaling axis. *Journal of General Physiology*, **2015**, 145, 1455-1462 3.4
- 3 Flow-induced protein kinase A/CREB pathway acts via BMP signaling to promote HSC emergence. *Journal of Cell Biology*, **2015**, 209, 2092-2101 7.3
- 2 Biomechanical forces promote blood development through prostaglandin E2 and the cAMP/PKA signaling axis. *Journal of Cell Biology*, **2015**, 209, 2092-2101 7.3
- 1 Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. *Journal of Cell Biology*, **2015**, 209, 2092-2101 7.3