

# George Q Daley

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11899367/george-q-daley-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis.. <i>Cell Reports</i> , <b>2022</b> , 39, 110587	10.6	1
313	Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells.. <i>Cell Reports</i> , <b>2022</b> , 39, 110752	10.6	1
312	rRNA biogenesis regulates mouse 2C-like state by 3D structure reorganization of peri-nucleolar heterochromatin. <i>Nature Communications</i> , <b>2021</b> , 12, 6365	17.4	4
311	ISSCR Guidelines for Stem Cell Research and Clinical Translation: The 2021 update. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 1398-1408	8	27
310	Lin28 paralogs regulate lung branching morphogenesis. <i>Cell Reports</i> , <b>2021</b> , 36, 109408	10.6	0
309	LIN28 coordinately promotes nucleolar/ribosomal functions and represses the 2C-like transcriptional program in pluripotent stem cells. <i>Protein and Cell</i> , <b>2021</b> , 1	7.2	4
308	Sequential regulation of hemogenic fate and hematopoietic stem and progenitor cell formation from arterial endothelium by Ezh1/2. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 1718-1734	8	0
307	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> , <b>2020</b> , 117, 4653-4663	11.5	10
306	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> , <b>2020</b> , 117, 16516-16526	11.5	15
305	Pancreatic circulating tumor cell profiling identifies LIN28B as a metastasis driver and drug target. <i>Nature Communications</i> , <b>2020</b> , 11, 3303	17.4	27
304	Introduction to the Special Issue on CRISPR. <i>Perspectives in Biology and Medicine</i> , <b>2020</b> , 63, 1-13	1.5	1
303	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , <b>2020</b> , 52, 446-460.e5	10.2	25
302	An induced pluripotent stem cell model of Fanconi anemia reveals mechanisms of p53-driven progenitor cell differentiation. <i>Blood Advances</i> , <b>2020</b> , 4, 4679-4692	7.8	0
301	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> , <b>2020</b> , 8, 576592	5.7	6
300	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. <i>Developmental Cell</i> , <b>2020</b> , 55, 133-149.e6	10.2	19
299	Diversification of reprogramming trajectories revealed by parallel single-cell transcriptome and chromatin accessibility sequencing. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	12
298	Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 and Ly6a Reporter System. <i>Stem Cell Reports</i> , <b>2020</b> , 14, 956-971	8	4

297	The Lin28/let-7 Pathway Regulates the Mammalian Caudal Body Axis Elongation Program. <i>Developmental Cell</i> , <b>2019</b> , 48, 396-405.e3	10.2	23
296	Stem Cells in the Treatment of Disease. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1748-1760	59.2	101
295	The developmental stage of the hematopoietic niche regulates lineage in rearranged leukemia. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 527-538	16.6	15
294	Induced pluripotent stem cells in disease modelling and drug discovery. <i>Nature Reviews Genetics</i> , <b>2019</b> , 20, 377-388	30.1	219
293	A systems biology pipeline identifies regulatory networks for stem cell engineering. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 810-818	44.5	14
292	regulates age-dependent differences in murine platelet function. <i>Blood Advances</i> , <b>2019</b> , 3, 72-82	7.8	11
291	Lin28 and let-7 regulate the timing of cessation of murine nephrogenesis. <i>Nature Communications</i> , <b>2019</b> , 10, 168	17.4	29
290	Reconstruction of complex single-cell trajectories using CellRouter. <i>Nature Communications</i> , <b>2018</b> , 9, 892	17.4	49
289	A CLK3-HMGA2 Alternative Splicing Axis Impacts Human Hematopoietic Stem Cell Molecular Identity throughout Development. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 575-588.e7	18	24
288	Regulation of embryonic haematopoietic multipotency by EZH1. <i>Nature</i> , <b>2018</b> , 553, 506-510	50.4	48
287	Small-Molecule Inhibitors Disrupt let-7 Oligouridylation and Release the Selective Blockade of let-7 Processing by LIN28. <i>Cell Reports</i> , <b>2018</b> , 23, 3091-3101	10.6	44
286	Disruptive reproductive technologies. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	25
285	Drug discovery for Diamond-Blackfan anemia using reprogrammed hematopoietic progenitors. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	73
284	Reassembling embryos in vitro from component stem cells. <i>Cell Research</i> , <b>2017</b> , 27, 961-962	24.7	2
283	Haematopoietic stem and progenitor cells from human pluripotent stem cells. <i>Nature</i> , <b>2017</b> , 545, 432-438	30.4	279
282	Using CRISPR-Cas9 to Generate Gene-Corrected Autologous iPSCs for the Treatment of Inherited Retinal Degeneration. <i>Molecular Therapy</i> , <b>2017</b> , 25, 1999-2013	11.7	84
281	Autophagy: ItQ in Your Blood. <i>Developmental Cell</i> , <b>2017</b> , 40, 518-520	10.2	3
280	Polar Extremes in the Clinical Use of Stem Cells. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 1075-1077	59.2	31

279	LIN28 phosphorylation by MAPK/ERK couples signalling to the post-transcriptional control of pluripotency. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 60-67	23.4	42
278	Comprehensive Mapping of Pluripotent Stem Cell Metabolism Using Dynamic Genome-Scale Network Modeling. <i>Cell Reports</i> , <b>2017</b> , 21, 2965-2977	10.6	41
277	Interferon- $\beta$ signaling promotes embryonic HSC maturation. <i>Blood</i> , <b>2016</b> , 128, 204-16	2.2	28
276	LIN28 Regulates Stem Cell Metabolism and Conversion to Primed Pluripotency. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 66-80	18	192
275	Engineering Hematopoietic Stem Cells: Lessons from Development. <i>Cell Stem Cell</i> , <b>2016</b> , 18, 707-720	18	57
274	RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. <i>Cell Reports</i> , <b>2016</b> , 15, 2597-607	10.6	32
273	Sex-specific regulation of weight and puberty by the Lin28/let-7 axis. <i>Journal of Endocrinology</i> , <b>2016</b> , 228, 179-91	4.7	29
272	Policy: Global standards for stem-cell research. <i>Nature</i> , <b>2016</b> , 533, 311-3	50.4	33
271	Developmental regulation of myeloerythroid progenitor function by the Lin28b-let-7-Hmga2 axis. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1497-512	16.6	44
270	Multiple mechanisms disrupt the let-7 microRNA family in neuroblastoma. <i>Nature</i> , <b>2016</b> , 535, 246-51	50.4	125
269	Engineered Murine HSCs Reconstitute Multi-lineage Hematopoiesis and Adaptive Immunity. <i>Cell Reports</i> , <b>2016</b> , 17, 3178-3192	10.6	17
268	Chronic myeloid leukemia: reminiscences and dreams. <i>Haematologica</i> , <b>2016</b> , 101, 541-58	6.6	61
267	SCIENTIFIC COMMUNITY. Confronting stem cell hype. <i>Science</i> , <b>2016</b> , 352, 776-7	33.3	86
266	New ISSCR guidelines: clinical translation of stem cell research. <i>Lancet, The</i> , <b>2016</b> , 387, 1979-81	40	33
265	Setting Global Standards for Stem Cell Research and Clinical Translation: The 2016 ISSCR Guidelines. <i>Stem Cell Reports</i> , <b>2016</b> , 6, 787-797	8	136
264	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. <i>Cell Reports</i> , <b>2016</b> , 17, 458-468	10.6	64
263	Progress towards generation of human haematopoietic stem cells. <i>Nature Cell Biology</i> , <b>2016</b> , 18, 1111-1117	11.7	52
262	Metabolic switches linked to pluripotency and embryonic stem cell differentiation. <i>Cell Metabolism</i> , <b>2015</b> , 21, 349-50	24.6	58

261	NF- $\kappa$ B activation impairs somatic cell reprogramming in ageing. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 1004-13	23.4	80
260	Two new routes to make blood: Hematopoietic specification from pluripotent cell lines versus reprogramming of somatic cells. <i>Experimental Hematology</i> , <b>2015</b> , 43, 756-9	3.1	5
259	Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , <b>2015</b> , 523, 468-71	50.4	82
258	Integrative Analyses of Human Reprogramming Reveal Dynamic Nature of Induced Pluripotency. <i>Cell</i> , <b>2015</b> , 162, 412-424	56.2	148
257	De novo generation of HSCs from somatic and pluripotent stem cell sources. <i>Blood</i> , <b>2015</b> , 125, 2641-8	2.2	78
256	Flow-induced protein kinase A-CREB pathway acts via BMP signaling to promote HSC emergence. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 633-48	16.6	40
255	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP-PKA signaling axis. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 665-80	16.6	58
254	Notch1 acts via Foxc2 to promote definitive hematopoiesis via effects on hemogenic endothelium. <i>Blood</i> , <b>2015</b> , 125, 1418-26	2.2	32
253	Biotechnology. A prudent path forward for genomic engineering and germline gene modification. <i>Science</i> , <b>2015</b> , 348, 36-8	33.3	413
252	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 649-63	16.6	63
251	Stem cells and the evolving notion of cellular identity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370, 20140376	5.8	40
250	Failure to replicate the STAP cell phenomenon. <i>Nature</i> , <b>2015</b> , 525, E6-9	50.4	34
249	Hallmarks of pluripotency. <i>Nature</i> , <b>2015</b> , 525, 469-78	50.4	253
248	Transplantation of Macaca cynomolgus iPS-derived hematopoietic cells in NSG immunodeficient mice. <i>Haematologica</i> , <b>2015</b> , 100, e428-31	6.6	9
247	Systematic identification of factors for provirus silencing in embryonic stem cells. <i>Cell</i> , <b>2015</b> , 163, 230-45	56.2	117
246	A comparison of non-integrating reprogramming methods. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 58-63	44.5	326
245	Hematopoietic stem cells develop in the absence of endothelial cadherin 5 expression. <i>Blood</i> , <b>2015</b> , 126, 2811-20	2.2	16
244	LIN28 cooperates with WNT signaling to drive invasive intestinal and colorectal adenocarcinoma in mice and humans. <i>Genes and Development</i> , <b>2015</b> , 29, 1074-86	12.6	71

243	Precise let-7 expression levels balance organ regeneration against tumor suppression. <i>ELife</i> , <b>2015</b> , 4, e09431	8.9	37
242	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP/PKA signaling axis. <i>Journal of General Physiology</i> , <b>2015</b> , 145, 1455-1462	3.4	
241	Flow-induced protein kinase A/RB pathway acts via BMP signaling to promote HSC emergence. <i>Journal of Cell Biology</i> , <b>2015</b> , 209, 2092-2099	7.3	
240	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP/PKA signaling axis. <i>Journal of Cell Biology</i> , <b>2015</b> , 209, 2092-2099	7.3	
239	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Cell Biology</i> , <b>2015</b> , 209, 2092-2099	7.3	
238	Alternative splicing of MBD2 supports self-renewal in human pluripotent stem cells. <i>Cell Stem Cell</i> , <b>2014</b> , 15, 92-101	18	76
237	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> , <b>2014</b> , 111, 15768-73	11.5	31
236	Deriving blood stem cells from pluripotent stem cells for research and therapy. <i>Best Practice and Research in Clinical Haematology</i> , <b>2014</b> , 27, 293-7	4.2	3
235	Lin28b is sufficient to drive liver cancer and necessary for its maintenance in murine models. <i>Cancer Cell</i> , <b>2014</b> , 26, 248-61	24.3	130
234	CellNet: network biology applied to stem cell engineering. <i>Cell</i> , <b>2014</b> , 158, 903-915	56.2	358
233	Dissecting engineered cell types and enhancing cell fate conversion via CellNet. <i>Cell</i> , <b>2014</b> , 158, 889-902	56.2	181
232	Stem cell therapy. Use of differentiated pluripotent stem cells as replacement therapy for treating disease. <i>Science</i> , <b>2014</b> , 345, 1247-391	33.3	206
231	Effect of developmental stage of HSC and recipient on transplant outcomes. <i>Developmental Cell</i> , <b>2014</b> , 29, 621-628	10.2	45
230	Lin28 sustains early renal progenitors and induces Wilms tumor. <i>Genes and Development</i> , <b>2014</b> , 28, 971-82	2.6	120
229	Musashi-2 controls cell fate, lineage bias, and TGF- $\beta$ signaling in HSCs. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 71-87	16.6	99
228	Hematopoietic Stem Cells <b>2014</b> , 219-226		
227	Defining cellular identity through network biology. <i>Cell Cycle</i> , <b>2014</b> , 13, 3313-4	4.7	4
226	Deconstructing transcriptional heterogeneity in pluripotent stem cells. <i>Nature</i> , <b>2014</b> , 516, 56-61	50.4	262

225	Functional evaluation of ES-somatic cell hybrids in vitro and in vivo. <i>Cellular Reprogramming</i> , <b>2014</b> , 16, 167-74	2.1	1
224	The epithelial-mesenchymal transition factor SNAIL paradoxically enhances reprogramming. <i>Stem Cell Reports</i> , <b>2014</b> , 3, 691-8	8	63
223	A new route to human embryonic stem cells. <i>Nature Medicine</i> , <b>2013</b> , 19, 820-1	50.5	5
222	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. <i>EMBO Journal</i> , <b>2013</b> , 32, 1489-95	13	72
221	Induction of multipotential hematopoietic progenitors from human pluripotent stem cells via respecification of lineage-restricted precursors. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 459-70	18	190
220	Notch-HES1 signaling axis controls hemato-endothelial fate decisions of human embryonic and induced pluripotent stem cells. <i>Blood</i> , <b>2013</b> , 122, 1162-73	2.2	43
219	Lin28 enhances tissue repair by reprogramming cellular metabolism. <i>Cell</i> , <b>2013</b> , 155, 778-92	56.2	234
218	Development. A stem cell perspective on cellular engineering. <i>Science</i> , <b>2013</b> , 342, 700-2	33.3	24
217	Human endogenous retrovirus K (HML-2) RNA and protein expression is a marker for human embryonic and induced pluripotent stem cells. <i>Retrovirology</i> , <b>2013</b> , 10, 115	3.6	65
216	Reprogrammed cells for disease modeling and regenerative medicine. <i>Annual Review of Medicine</i> , <b>2013</b> , 64, 277-90	17.4	111
215	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> , <b>2013</b> , 110, E141-50	11.5	50
214	Hematopoietic defects and iPSC disease modeling: lessons learned. <i>Immunology Letters</i> , <b>2013</b> , 155, 18-20.	1	4
213	Hematopoietic Stem Cells <b>2013</b> , 553-557		
212	Pluripotent stem cell models of Shwachman-Diamond syndrome reveal a common mechanism for pancreatic and hematopoietic dysfunction. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 727-36	18	59
211	Lin28: primal regulator of growth and metabolism in stem cells. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 395-406	18	334
210	Stem cell metabolism in tissue development and aging. <i>Development (Cambridge)</i> , <b>2013</b> , 140, 2535-47	6.6	362
209	A blueprint for engineering cell fate: current technologies to reprogram cell identity. <i>Cell Research</i> , <b>2013</b> , 23, 33-48	24.7	94
208	Fetal deficiency of lin28 programs life-long aberrations in growth and glucose metabolism. <i>Stem Cells</i> , <b>2013</b> , 31, 1563-73	5.8	87

207	Origins and implications of pluripotent stem cell variability and heterogeneity. <i>Nature Reviews Molecular Cell Biology</i> , <b>2013</b> , 14, 357-68	48.7	234
206	Induced pluripotent stem cells with a mitochondrial DNA deletion. <i>Stem Cells</i> , <b>2013</b> , 31, 1287-97	5.8	77
205	Influence of threonine metabolism on S-adenosylmethionine and histone methylation. <i>Science</i> , <b>2013</b> , 339, 222-6	33.3	444
204	Comment on "Drug screening for ALS using patient-specific induced pluripotent stem cells". <i>Science Translational Medicine</i> , <b>2013</b> , 5, 188le2	17.5	5
203	Deciphering the rules of ceRNA networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 7112-3	11.5	45
202	Lin28a regulates germ cell pool size and fertility. <i>Stem Cells</i> , <b>2013</b> , 31, 1001-9	5.8	35
201	Therapeutic potential of human induced pluripotent stem cells in experimental stroke. <i>Cell Transplantation</i> , <b>2013</b> , 22, 1427-40	4	62
200	Derivation of human embryonic stem cells with NEMO deficiency. <i>Stem Cell Research</i> , <b>2012</b> , 8, 410-5	1.6	4
199	Caudal genes in blood development and leukemia. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1266, 47-54	6.5	8
198	Metabolic regulation in pluripotent stem cells during reprogramming and self-renewal. <i>Cell Stem Cell</i> , <b>2012</b> , 11, 589-95	18	319
197	Cellular alchemy and the golden age of reprogramming. <i>Cell</i> , <b>2012</b> , 151, 1151-4	56.2	15
196	Functional vascular smooth muscle cells derived from human induced pluripotent stem cells via mesenchymal stem cell intermediates. <i>Cardiovascular Research</i> , <b>2012</b> , 96, 391-400	9.9	64
195	Impaired intrinsic immunity to HSV-1 in human iPSC-derived TLR3-deficient CNS cells. <i>Nature</i> , <b>2012</b> , 491, 769-73	50.4	240
194	The promise and perils of stem cell therapeutics. <i>Cell Stem Cell</i> , <b>2012</b> , 10, 740-749	18	192
193	Quantitative proteomic analysis of induced pluripotent stem cells derived from a human Huntington's disease patient. <i>Biochemical Journal</i> , <b>2012</b> , 446, 359-71	3.8	75
192	Reprogramming cellular identity for regenerative medicine. <i>Cell</i> , <b>2012</b> , 148, 1110-22	56.2	135
191	Assessing naïve human pluripotency. <i>Current Opinion in Genetics and Development</i> , <b>2012</b> , 22, 272-82	4.9	78
190	Neuronal properties, in vivo effects, and pathology of a Huntington's disease patient-derived induced pluripotent stem cells. <i>Stem Cells</i> , <b>2012</b> , 30, 2054-62	5.8	136



189	Euchromatin islands in large heterochromatin domains are enriched for CTCF binding and differentially DNA-methylated regions. <i>BMC Genomics</i> , <b>2012</b> , 13, 566	4.5	33
188	New lessons learned from disease modeling with induced pluripotent stem cells. <i>Current Opinion in Genetics and Development</i> , <b>2012</b> , 22, 500-8	4.9	68
187	The transcriptional landscape of hematopoietic stem cell ontogeny. <i>Cell Stem Cell</i> , <b>2012</b> , 11, 701-14	18	132
186	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> , <b>2012</b> , 109, 5803-8	11.5	254
185	Polycomb repressive complex 2 regulates normal development of the mouse heart. <i>Circulation Research</i> , <b>2012</b> , 110, 406-15	15.7	155
184	Chromatin-modifying enzymes as modulators of reprogramming. <i>Nature</i> , <b>2012</b> , 483, 598-602	50.4	497
183	Overcoming reprogramming resistance of Fanconi anemia cells. <i>Blood</i> , <b>2012</b> , 119, 5449-57	2.2	116
182	Stem cells assessed. <i>Nature Reviews Molecular Cell Biology</i> , <b>2012</b> , 13, 471-6	48.7	25
181	The promise of induced pluripotent stem cells in research and therapy. <i>Nature</i> , <b>2012</b> , 481, 295-305	50.4	845
180	Zcchc11 uridylates mature miRNAs to enhance neonatal IGF-1 expression, growth, and survival. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1003105	6	45
179	Pluripotent stem cells in research and treatment of hemoglobinopathies. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2012</b> , 2, a011841	5.4	10
178	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> , <b>2012</b> , 109, 17567-72	11.5	108
177	Excision of a viral reprogramming cassette by delivery of synthetic Cre mRNA. <i>Current Protocols in Stem Cell Biology</i> , <b>2012</b> , Chapter 4, Unit4A.5	2.8	16
176	Induced pluripotent stem cells: a novel frontier in the study of human primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 1400-7.e4	11.5	33
175	Donor cell type can influence the epigenome and differentiation potential of human induced pluripotent stem cells. <i>Nature Biotechnology</i> , <b>2011</b> , 29, 1117-9	44.5	443
174	Induced pluripotent stem cells--opportunities for disease modelling and drug discovery. <i>Nature Reviews Drug Discovery</i> , <b>2011</b> , 10, 915-29	64.1	358
173	Genomic approaches to deconstruct pluripotency. <i>Annual Review of Genomics and Human Genetics</i> , <b>2011</b> , 12, 165-85	9.7	32
172	The Lin28/let-7 axis regulates glucose metabolism. <i>Cell</i> , <b>2011</b> , 147, 81-94	56.2	649

171	Lineage regulators direct BMP and Wnt pathways to cell-specific programs during differentiation and regeneration. <i>Cell</i> , <b>2011</b> , 147, 577-89	56.2	234
170	Interactions between Cdx genes and retinoic acid modulate early cardiogenesis. <i>Developmental Biology</i> , <b>2011</b> , 354, 134-42	3.1	39
169	Tet1 and Tet2 regulate 5-hydroxymethylcytosine production and cell lineage specification in mouse embryonic stem cells. <i>Cell Stem Cell</i> , <b>2011</b> , 8, 200-13	18	608
168	The nomenclature system should be sustainable, but also practical. <i>Cell Stem Cell</i> , <b>2011</b> , 8, 606-7	18	2
167	Midbody accumulation through evasion of autophagy contributes to cellular reprogramming and tumorigenicity. <i>Nature Cell Biology</i> , <b>2011</b> , 13, 1214-23	23.4	200
166	Live-cell immunofluorescence staining of human pluripotent stem cells. <i>Current Protocols in Stem Cell Biology</i> , <b>2011</b> , Chapter 1, Unit 1C.12	2.8	10
165	Cellular therapy for fanconi anemia: the past, present, and future. <i>Biology of Blood and Marrow Transplantation</i> , <b>2011</b> , 17, S109-14	4.7	19
164	Transplantation of adult mouse iPS cell-derived photoreceptor precursors restores retinal structure and function in degenerative mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e18992	3.7	238
163	Hematopoietic differentiation of induced pluripotent stem cells from patients with mucopolysaccharidosis type I (Hurler syndrome). <i>Blood</i> , <b>2011</b> , 117, 839-47	2.2	77
162	Investigating monogenic and complex diseases with pluripotent stem cells. <i>Nature Reviews Genetics</i> , <b>2011</b> , 12, 266-75	30.1	95
161	Somatic coding mutations in human induced pluripotent stem cells. <i>Nature</i> , <b>2011</b> , 471, 63-7	50.4	998
160	Genome-wide mapping of 5-hydroxymethylcytosine in embryonic stem cells. <i>Nature</i> , <b>2011</b> , 473, 394-7	50.4	653
159	Induced pluripotent stem cells for neural tissue engineering. <i>Biomaterials</i> , <b>2011</b> , 32, 5023-32	15.6	185
158	Induced pluripotent stem cell models from X-linked adrenoleukodystrophy patients. <i>Annals of Neurology</i> , <b>2011</b> , 70, 402-9	9.4	82
157	Stage-specific signaling through TGF $\beta$ family members and WNT regulates patterning and pancreatic specification of human pluripotent stem cells. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 861-71	6.6	295
156	Induced pluripotent stem cells for modelling human diseases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 366, 2274-85	5.8	68
155	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , <b>2011</b> , 29, 1132-44	44.5	406
154	Telomere dynamics in dyskeratosis congenita: the long and the short of iPS. <i>Cell Research</i> , <b>2011</b> , 21, 1157-60	16	16

153	Cell cycle adaptations of embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 19252-7	11.5	71
152	AP24163 inhibits the gatekeeper mutant of BCR-ABL and suppresses in vitro resistance. <i>Chemical Biology and Drug Design</i> , <b>2010</b> , 75, 223-7	2.9	18
151	Molecular basis of the first cell fate determination in mouse embryogenesis. <i>Cell Research</i> , <b>2010</b> , 20, 982-93	24.7	73
150	Targeting Bcr-Abl by combining allosteric with ATP-binding-site inhibitors. <i>Nature</i> , <b>2010</b> , 463, 501-6	50.4	465
149	Telomere elongation in induced pluripotent stem cells from dyskeratosis congenita patients. <i>Nature</i> , <b>2010</b> , 464, 292-6	50.4	260
148	Comprehensive methylome map of lineage commitment from haematopoietic progenitors. <i>Nature</i> , <b>2010</b> , 467, 338-42	50.4	484
147	Large intergenic non-coding RNA-RoR modulates reprogramming of human induced pluripotent stem cells. <i>Nature Genetics</i> , <b>2010</b> , 42, 1113-7	36.3	773
146	Musashi-2 regulates normal hematopoiesis and promotes aggressive myeloid leukemia. <i>Nature Medicine</i> , <b>2010</b> , 16, 903-8	50.5	252
145	Cdx4 is dispensable for murine adult hematopoietic stem cells but promotes MLL-AF9-mediated leukemogenesis. <i>Haematologica</i> , <b>2010</b> , 95, 1642-50	6.6	12
144	From Hen House to Bedside: Tracing Hanafusa's Legacy from Avian Leukemia Viruses to SRC to ABL and Beyond. <i>Genes and Cancer</i> , <b>2010</b> , 1, 1164-9	2.9	3
143	Lin28: A microRNA regulator with a macro role. <i>Cell</i> , <b>2010</b> , 140, 445-9	56.2	323
142	Differential modeling of fragile X syndrome by human embryonic stem cells and induced pluripotent stem cells. <i>Cell Stem Cell</i> , <b>2010</b> , 6, 407-11	18	336
141	Reprogramming of T cells from human peripheral blood. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 15-9	18	251
140	Highly efficient reprogramming to pluripotency and directed differentiation of human cells with synthetic modified mRNA. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 618-30	18	2025
139	MicroRNA profiling reveals two distinct p53-related human pluripotent stem cell states. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 671-81	18	84
138	Another horse in the meta-stable state of pluripotency. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 641-2	18	5
137	Lin28a transgenic mice manifest size and puberty phenotypes identified in human genetic association studies. <i>Nature Genetics</i> , <b>2010</b> , 42, 626-30	36.3	241
136	Knockdown of Fanconi anemia genes in human embryonic stem cells reveals early developmental defects in the hematopoietic lineage. <i>Blood</i> , <b>2010</b> , 115, 3453-62	2.2	69

135	Interaction of retinoic acid and scl controls primitive blood development. <i>Blood</i> , <b>2010</b> , 116, 201-9	2.2	28
134	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> , <b>2010</b> , 6, 270-81	6.4	172
133	Generation of functional human hepatic endoderm from human induced pluripotent stem cells. <i>Hepatology</i> , <b>2010</b> , 51, 329-35	11.2	347
132	Autologous blood cell therapies from pluripotent stem cells. <i>Blood Reviews</i> , <b>2010</b> , 24, 27-37	11.1	57
131	Stem cells: roadmap to the clinic. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 8-10	15.9	53
130	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> , <b>2010</b> , Chapter 1, Unit 1C.10	2.8	15
129	Generation of induced pluripotent stem cells from human blood. <i>Blood</i> , <b>2009</b> , 113, 5476-9	2.2	492
128	Upping the ante: recent advances in direct reprogramming. <i>Molecular Therapy</i> , <b>2009</b> , 17, 947-53	11.7	56
127	Functional evidence that the self-renewal gene NANOG regulates human tumor development. <i>Stem Cells</i> , <b>2009</b> , 27, 993-1005	5.8	269
126	Cross-regulation of the Nanog and Cdx2 promoters. <i>Cell Research</i> , <b>2009</b> , 19, 1052-61	24.7	83
125	Down $\alpha$ syndrome suppression of tumour growth and the role of the calcineurin inhibitor DSCR1. <i>Nature</i> , <b>2009</b> , 459, 1126-30	50.4	286
124	Biomechanical forces promote embryonic haematopoiesis. <i>Nature</i> , <b>2009</b> , 459, 1131-5	50.4	388
123	A role for Lin28 in primordial germ-cell development and germ-cell malignancy. <i>Nature</i> , <b>2009</b> , 460, 909-13	50.4	306
122	Targeted bisulfite sequencing reveals changes in DNA methylation associated with nuclear reprogramming. <i>Nature Biotechnology</i> , <b>2009</b> , 27, 353-60	44.5	409
121	Targeted and genome-scale strategies reveal gene-body methylation signatures in human cells. <i>Nature Biotechnology</i> , <b>2009</b> , 27, 361-8	44.5	830
120	Live cell imaging distinguishes bona fide human iPS cells from partially reprogrammed cells. <i>Nature Biotechnology</i> , <b>2009</b> , 27, 1033-7	44.5	404
119	Lin28 promotes transformation and is associated with advanced human malignancies. <i>Nature Genetics</i> , <b>2009</b> , 41, 843-8	36.3	641
118	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> , <b>2009</b> , 41, 1350-3	36.3	936

117	Hematopoietic development from human induced pluripotent stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1176, 219-27	6.5	87
116	Disease models from pluripotent stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1176, 191-6	6.5	19
115	9-(Arenethenyl)purines as dual Src/Abl kinase inhibitors targeting the inactive conformation: design, synthesis, and biological evaluation. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 4743-56	8.3	37
114	Genetic interaction of PGE2 and Wnt signaling regulates developmental specification of stem cells and regeneration. <i>Cell</i> , <b>2009</b> , 136, 1136-47	56.2	551
113	Broader implications of defining standards for the pluripotency of iPSCs. <i>Cell Stem Cell</i> , <b>2009</b> , 4, 200-1; author reply 202	18	101
112	Gene targeting of a disease-related gene in human induced pluripotent stem and embryonic stem cells. <i>Cell Stem Cell</i> , <b>2009</b> , 5, 97-110	18	454
111	Konrad Hochedlinger: ISSCR Outstanding Young Investigator for 2009. <i>Cell Stem Cell</i> , <b>2009</b> , 5, 154-155	18	
110	Human iPS cell derivation/reprogramming. <i>Current Protocols in Stem Cell Biology</i> , <b>2009</b> , Chapter 4, Unit 4A.1	2.8	24
109	Application of induced pluripotent stem cells to hematologic disease. <i>Cytotherapy</i> , <b>2009</b> , 11, 980-9	4.8	21
108	ICSBP-mediated immune protection against BCR-ABL-induced leukemia requires the CCL6 and CCL9 chemokines. <i>Blood</i> , <b>2009</b> , 113, 3813-20	2.2	19
107	Surface antigen phenotypes of hematopoietic stem cells from embryos and murine embryonic stem cells. <i>Blood</i> , <b>2009</b> , 114, 268-78	2.2	86
106	A robust approach to identifying tissue-specific gene expression regulatory variants using personalized human induced pluripotent stem cells. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000718	6	46
105	microRNA expression during trophectoderm specification. <i>PLoS ONE</i> , <b>2009</b> , 4, e6143	3.7	60
104	Efficient gene knockdowns in human embryonic stem cells using lentiviral-based RNAi. <i>Methods in Molecular Biology</i> , <b>2009</b> , 482, 35-42	1.4	5
103	Hematopoietic Stem Cells <b>2009</b> , 211-215		1
102	Reprogramming of human somatic cells to pluripotency with defined factors. <i>Nature</i> , <b>2008</b> , 451, 141-6	50.4	2364
101	Activation of tyrosine kinases by mutation of the gatekeeper threonine. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 1109-18	17.6	311
100	Human embryonic stem cell derivation from poor-quality embryos. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 212-4	44.5	87

99	Ras-MAPK signaling promotes trophectoderm formation from embryonic stem cells and mouse embryos. <i>Nature Genetics</i> , <b>2008</b> , 40, 921-6	36.3	123
98	Derivation and maintenance of human embryonic stem cells from poor-quality in vitro fertilization embryos. <i>Nature Protocols</i> , <b>2008</b> , 3, 923-33	18.8	44
97	Generation of human-induced pluripotent stem cells. <i>Nature Protocols</i> , <b>2008</b> , 3, 1180-6	18.8	313
96	Mesodermal patterning activity of SCL. <i>Experimental Hematology</i> , <b>2008</b> , 36, 1593-603	3.1	36
95	BMP and Wnt specify hematopoietic fate by activation of the Cdx-Hox pathway. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 72-82	18	165
94	The ISSCR in China. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 33	18	0
93	Mapping the Road to the Clinical Translation of Stem Cells. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 139-140	18	12
92	Global Forum Discusses Stem Cell Research Strategy. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 435-436	18	1
91	New ISSCR guidelines underscore major principles for responsible translational stem cell research. <i>Cell Stem Cell</i> , <b>2008</b> , 3, 607-9	18	175
90	Prospects for stem cell-based therapy. <i>Cell</i> , <b>2008</b> , 132, 544-8	56.2	258
89	Disease-specific induced pluripotent stem cells. <i>Cell</i> , <b>2008</b> , 134, 877-86	56.2	1787
88	Selective blockade of microRNA processing by Lin28. <i>Science</i> , <b>2008</b> , 320, 97-100	33.3	1183
87	Determinants of microRNA processing inhibition by the developmentally regulated RNA-binding protein Lin28. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 21310-4	5.4	270
86	Cdx gene deficiency compromises embryonic hematopoiesis in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 7756-61	11.5	50
85	Molecular basis of pluripotency. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, R23-7	5.6	94
84	Modulation of murine embryonic stem cell-derived CD41+c-kit+ hematopoietic progenitors by ectopic expression of Cdx genes. <i>Blood</i> , <b>2008</b> , 111, 4944-53	2.2	40
83	Isolation of hematopoietic stem cells from mouse embryonic stem cells. <i>Current Protocols in Stem Cell Biology</i> , <b>2008</b> , Chapter 1, Unit 1F.3	2.8	13
82	From fibroblasts to iPS cells: induced pluripotency by defined factors. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 105, 949-55	4.7	100

81	Ethics. The ISSCR guidelines for human embryonic stem cell research. <i>Science</i> , <b>2007</b> , 315, 603-4	33.3	89
80	Histocompatible embryonic stem cells by parthenogenesis. <i>Science</i> , <b>2007</b> , 315, 482-6	33.3	183
79	Farnesyl transferase inhibitor resistance probed by target mutagenesis. <i>Blood</i> , <b>2007</b> , 110, 2102-9	2.2	10
78	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> , <b>2007</b> , 110, 1295-302	6.4	46
77	Human embryonic stem cells flock together. <i>Nature Biotechnology</i> , <b>2007</b> , 25, 748-50	44.5	11
76	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. <i>Nature</i> , <b>2007</b> , 447, 1007-11	10.4	893
75	The cdx-hox pathway in hematopoietic stem cell formation from embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1106, 197-208	6.5	24
74	Differentiation potential of histocompatible parthenogenetic embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1106, 209-18	6.5	13
73	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> , <b>2007</b> , 2007, 17-22	3.1	16
72	Gametes from embryonic stem cells: a cup half empty or half full?. <i>Science</i> , <b>2007</b> , 316, 409-10	33.3	60
71	The May-Hegglin anomaly gene MYH9 is a negative regulator of platelet biogenesis modulated by the Rho-ROCK pathway. <i>Blood</i> , <b>2007</b> , 110, 171-9	2.2	137
70	Towards hematopoietic reconstitution from embryonic stem cells: a sanguine future. <i>Current Opinion in Hematology</i> , <b>2007</b> , 14, 343-7	3.3	15
69	Recombination signatures distinguish embryonic stem cells derived by parthenogenesis and somatic cell nuclear transfer. <i>Cell Stem Cell</i> , <b>2007</b> , 1, 346-52	18	125
68	Teratoma formation assays with human embryonic stem cells: a rationale for one type of human-animal chimera. <i>Cell Stem Cell</i> , <b>2007</b> , 1, 253-8	18	118
67	Transgene expression and RNA interference in embryonic stem cells. <i>Methods in Enzymology</i> , <b>2006</b> , 420, 49-64	1.7	23
66	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> , <b>2006</b> , 103, 9244-9	11.5	92
65	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> , <b>2006</b> , 103, 16924-9	11.5	62
64	Male germ cells. <i>Methods in Enzymology</i> , <b>2006</b> , 418, 307-14	1.7	

63	Anticipating clinical resistance to target-directed agents : the BCR-ABL paradigm. <i>Molecular Diagnosis and Therapy</i> , <b>2006</b> , 10, 67-76	4.5	32
62	Scientific and clinical opportunities for modeling blood disorders with embryonic stem cells. <i>Blood</i> , <b>2006</b> , 107, 2605-12	2.2	33
61	Acceleration of mesoderm development and expansion of hematopoietic progenitors in differentiating ES cells by the mouse Mix-like homeodomain transcription factor. <i>Blood</i> , <b>2006</b> , 107, 3122-30	2.2	37
60	In vitro generation of germ cells from murine embryonic stem cells. <i>Nature Protocols</i> , <b>2006</b> , 1, 2026-36	18.8	69
59	Bayesian analysis of signaling networks governing embryonic stem cell fate decisions. <i>Bioinformatics</i> , <b>2005</b> , 21, 741-53	7.2	98
58	Inducible transgene expression in mouse stem cells. <i>Methods in Molecular Medicine</i> , <b>2005</b> , 105, 23-46		29
57	The homeobox gene HEX regulates proliferation and differentiation of hemangioblasts and endothelial cells during ES cell differentiation. <i>Blood</i> , <b>2005</b> , 105, 4590-7	2.2	56
56	Simplifying hESC culture. <i>Blood</i> , <b>2005</b> , 105, 4550-4550	2.2	
55	Therapeutic potential of embryonic stem cells. <i>Blood Reviews</i> , <b>2005</b> , 19, 321-31	11.1	172
54	High-efficiency RNA interference in human embryonic stem cells. <i>Stem Cells</i> , <b>2005</b> , 23, 299-305	5.8	234
53	Chronic myeloid leukaemia: an investigation into the role of Bcr-Abl-induced abnormalities in glucose transport regulation. <i>Oncogene</i> , <b>2005</b> , 24, 3257-67	9.2	73
52	Characterization of AMN107, a selective inhibitor of native and mutant Bcr-Abl. <i>Cancer Cell</i> , <b>2005</b> , 7, 129-41	13	1248
51	Patterning definitive hematopoietic stem cells from embryonic stem cells. <i>Experimental Hematology</i> , <b>2005</b> , 33, 971-9	3.1	20
50	Novel role for PDEF in epithelial cell migration and invasion. <i>Cancer Research</i> , <b>2005</b> , 65, 11572-80	10.1	70
49	Embryonic stem cell-derived hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 19081-6	11.5	177
48	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> , <b>2004</b> , 101, 2900-5	11.5	99
47	Nuclear transplantation, embryonic stem cells and the potential for cell therapy. <i>The Hematology Journal</i> , <b>2004</b> , 5 Suppl 3, S114-7		59
46	Genetic complementation of cytokine signaling identifies central role of kinases in hematopoietic cell proliferation. <i>Oncogene</i> , <b>2004</b> , 23, 1214-20	9.2	9



45	Derivation of embryonic germ cells and male gametes from embryonic stem cells. <i>Nature</i> , <b>2004</b> , 427, 148-54	50.4	706
44	In vitro gametogenesis from embryonic stem cells. <i>Current Opinion in Cell Biology</i> , <b>2004</b> , 16, 688-92	9	20
43	LIF/STAT3 signaling fails to maintain self-renewal of human embryonic stem cells. <i>Stem Cells</i> , <b>2004</b> , 22, 770-8	5.8	378
42	Chronic myeloid leukemia: proving ground for cancer stem cells. <i>Cell</i> , <b>2004</b> , 119, 314-6	56.2	32
41	Origins of mammalian hematopoiesis: in vivo paradigms and in vitro models. <i>Current Topics in Developmental Biology</i> , <b>2004</b> , 60, 127-96	5.3	48
40	Mechanisms and implications of imatinib resistance mutations in BCR-ABL. <i>Current Opinion in Hematology</i> , <b>2004</b> , 11, 35-43	3.3	146
39	Hematopoietic Stem Cells <b>2004</b> , 279-283		
38	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> , <b>2003</b> , 100 Suppl 1, 11904-10	11.5	65
37	Gleevec Resistance: Lessons for Target-Directed Drug Development. <i>Cell Cycle</i> , <b>2003</b> , 2, 189-190	4.7	13
36	Realistic prospects for stem cell therapeutics. <i>Hematology American Society of Hematology Education Program</i> , <b>2003</b> , 2003, 398-418	3.1	58
35	Development of hematopoietic repopulating cells from embryonic stem cells. <i>Methods in Enzymology</i> , <b>2003</b> , 365, 114-29	1.7	8
34	A screen to identify drug resistant variants to target-directed anti-cancer agents. <i>Biological Procedures Online</i> , <b>2003</b> , 5, 204-210	8.3	18
33	A role for thrombopoietin in hemangioblast development. <i>Stem Cells</i> , <b>2003</b> , 21, 272-80	5.8	35
32	cdx4 mutants fail to specify blood progenitors and can be rescued by multiple hox genes. <i>Nature</i> , <b>2003</b> , 425, 300-6	50.4	209
31	From embryos to embryoid bodies: generating blood from embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 996, 122-31	6.5	59
30	Mechanisms of autoinhibition and STI-571/imatinib resistance revealed by mutagenesis of BCR-ABL. <i>Cell</i> , <b>2003</b> , 112, 831-43	56.2	533
29	Towards combination target-directed chemotherapy for chronic myeloid leukemia: role of farnesyl transferase inhibitors. <i>Seminars in Hematology</i> , <b>2003</b> , 40, 11-4	4	20
28	Towards combination target-directed chemotherapy for chronic myeloid leukemia: Role of farnesyl transferase inhibitors. <i>Seminars in Hematology</i> , <b>2003</b> , 40, 11-14	4	

27	Hematopoiesis from embryonic stem cells: lessons from and for ontogeny. <i>Experimental Hematology</i> , <b>2003</b> , 31, 994-1006	3.1	30
26	Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 78, 442-53	4.9	301
25	A functional screen identifies HDRIL1 as an oncogene that rescues RAS-induced senescence. <i>Nature Cell Biology</i> , <b>2002</b> , 4, 148-53	23.4	89
24	A senescence rescue screen identifies BCL6 as an inhibitor of anti-proliferative p19(ARF)-p53 signaling. <i>Genes and Development</i> , <b>2002</b> , 16, 681-6	12.6	119
23	Novel retroviral vectors to facilitate expression screens in mammalian cells. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, e142	20.1	31
22	Overcoming STI571 resistance with the farnesyl transferase inhibitor SCH66336. <i>Blood</i> , <b>2002</b> , 100, 1068-71	2.1	224
21	HoxB4 confers definitive lymphoid-myeloid engraftment potential on embryonic stem cell and yolk sac hematopoietic progenitors. <i>Cell</i> , <b>2002</b> , 109, 29-37	56.2	657
20	Correction of a genetic defect by nuclear transplantation and combined cell and gene therapy. <i>Cell</i> , <b>2002</b> , 109, 17-27	56.2	491
19	Expression of interferon consensus sequence binding protein induces potent immunity against BCR/ABL-induced leukemia. <i>Blood</i> , <b>2001</b> , 97, 3491-7	2.2	43
18	Treatment of Bcr/Abl-positive acute lymphoblastic leukemia in P190 transgenic mice with the farnesyl transferase inhibitor SCH66336. <i>Blood</i> , <b>2001</b> , 97, 1399-403	2.2	106
17	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> , <b>2001</b> , 97, 1404-12	2.2	157
16	Autocrine and paracrine effects of an ES-cell derived, BCR/ABL-transformed hematopoietic cell line that induces leukemia in mice. <i>Oncogene</i> , <b>2001</b> , 20, 2636-46	9.2	35
15	Cooperative and redundant effects of STAT5 and Ras signaling in BCR/ABL transformed hematopoietic cells. <i>Oncogene</i> , <b>2001</b> , 20, 5826-35	9.2	72
14	Single nucleotide polymorphisms in multiple novel thrombospondin genes may be associated with familial premature myocardial infarction. <i>Circulation</i> , <b>2001</b> , 104, 2641-4	16.7	247
13	Clonal analysis of differentiating embryonic stem cells reveals a hematopoietic progenitor with primitive erythroid and adult lymphoid-myeloid potential. <i>Development (Cambridge)</i> , <b>2001</b> , 128, 4597-4604	6.6	74
12	A genetic screen to identify genes that rescue the slow growth phenotype of c-myc null fibroblasts. <i>Oncogene</i> , <b>2000</b> , 19, 3330-4	9.2	58
11	Senescence bypass screen identifies TBX2, which represses Cdkn2a (p19(ARF)) and is amplified in a subset of human breast cancers. <i>Nature Genetics</i> , <b>2000</b> , 26, 291-9	36.3	309
10	Mining for SNPs: putting the common variants--common disease hypothesis to the test. <i>Pharmacogenomics</i> , <b>2000</b> , 1, 27-37	2.6	28

9	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> , <b>1999</b> , 189, 1399-412	16.6	419
8	Characterization of single-nucleotide polymorphisms in coding regions of human genes. <i>Nature Genetics</i> , <b>1999</b> , 22, 231-8	36.3	1591
7	Secondary Mutation Maintains the Transformed State in BaF3 Cells With Inducible BCR/ABL Expression. <i>Blood</i> , <b>1998</b> , 91, 3927-3934	2.2	100
6	Secondary Mutation Maintains the Transformed State in BaF3 Cells With Inducible BCR/ABL Expression. <i>Blood</i> , <b>1998</b> , 91, 3927-3934	2.2	90
5	Rationalizing autotransplant strategies for chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , <b>1996</b> , 21, 353-8	1.9	3
4	Animal models of BCR/ABL-induced leukemias. <i>Leukemia and Lymphoma</i> , <b>1993</b> , 11 Suppl 1, 57-60	1.9	18
3	Implicating the bcr/abl gene in the pathogenesis of Philadelphia chromosome-positive human leukemia. <i>Advances in Cancer Research</i> , <b>1991</b> , 57, 151-84	5.9	76
2	Alternative 5' exons in c-abl mRNA. <i>Cell</i> , <b>1986</b> , 44, 577-86	56.2	270
1	Part D: Directed Differentiation of Human Embryonic Stem Cells into Hematopoietic in vivo Repopulating Cells 273-285		