

Toshio Suda

List of Publications by Year in Descending Order

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

388
papers

29,418
citations

88
h-index

164
g-index

409
ext. papers

32,320
ext. citations

8.3
avg, IF

6.78
L-index

#	Paper	IF	Citations
388	Depth-targeted intracortical microstroke by two-photon photothrombosis in rodent brain.. <i>Neurophotonics</i> , 2022 , 9, 021910	3.9	2
387	ATP citrate lyase controls hematopoietic stem cell fate and supports bone marrow regeneration.. <i>EMBO Journal</i> , 2022 , e109463	13	3
386	Thrombopoietin maintains cell numbers of hematopoietic stem and progenitor cells with megakaryopoietic potential. <i>Haematologica</i> , 2021 , 106, 1883-1891	6.6	3
385	Paul S. Frenette (1965-2021). <i>Cell Stem Cell</i> , 2021 , 28, 1686-1689	18	
384	Autophagy is dispensable for the maintenance of hematopoietic stem cells in neonates. <i>Blood Advances</i> , 2021 , 5, 1594-1604	7.8	6
383	Mitochondria Turnover and Lysosomal Function in Hematopoietic Stem Cell Metabolism. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
382	Mitochondria transfer from early stages of erythroblasts to their macrophage niche via tunnelling nanotubes. <i>British Journal of Haematology</i> , 2021 , 193, 1260-1274	4.5	4
381	Prolonged maintenance of hematopoietic stem cells that escape from thrombopoietin deprivation. <i>Blood</i> , 2021 , 137, 2609-2620	2.2	0
380	UTX maintains the functional integrity of the murine hematopoietic system by globally regulating aging-associated genes. <i>Blood</i> , 2021 , 137, 908-922	2.2	4
379	Myeloma cells self-promote migration by regulating TAB1-driven TIMP-1 expression in mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 843-848	3.4	2
378	Low-dose ionizing radiations leave scars on human hematopoietic stem and progenitor cells: the role of reactive oxygen species. <i>Haematologica</i> , 2021 , 106, 320-322	6.6	1
377	Murine neonatal ketogenesis preserves mitochondrial energetics by preventing protein hyperacetylation. <i>Nature Metabolism</i> , 2021 , 3, 196-210	14.6	6
376	Paul S. Frenette (1965-2021). <i>Cell</i> , 2021 , 184, 5073-5076	56.2	0
375	Machine Learning of Hematopoietic Stem Cell Divisions from Paired Daughter Cell Expression Profiles Reveals Effects of Aging on Self-Renewal. <i>Cell Systems</i> , 2020 , 11, 640-652.e5	10.6	5
374	Hematopoietic stem cells acquire survival advantage by loss of RUNX1 methylation identified in familial leukemia. <i>Blood</i> , 2020 , 136, 1919-1932	2.2	4
373	A FLCN-TFE3 Feedback Loop Prevents Excessive Glycogenesis and Phagocyte Activation by Regulating Lysosome Activity. <i>Cell Reports</i> , 2020 , 30, 1823-1834.e5	10.6	11
372	Bone Marrow Transplantation Dynamics: When Progenitor Expansion Prevails. <i>Trends in Cell Biology</i> , 2020 , 30, 835-836	18.3	1

371	Hematopoietic Stem Cell Metabolism during Development and Aging. <i>Developmental Cell</i> , 2020 , 54, 239-255	12.5	38
370	Multifaceted roles of thrombopoietin in hematopoietic stem cell regulation. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1466, 51-58	6.5	2
369	Sphingosine-1-phosphate signaling modulates terminal erythroid differentiation through the regulation of mitophagy. <i>Experimental Hematology</i> , 2019 , 72, 47-59.e1	3.1	18
368	Beginning of a New Era: Mapping the Bone Marrow Niche. <i>Cell</i> , 2019 , 177, 1679-1681	56.2	0
367	TFE3 Xp11.2 Translocation Renal Cell Carcinoma Mouse Model Reveals Novel Therapeutic Targets and Identifies GPNMB as a Diagnostic Marker for Human Disease. <i>Molecular Cancer Research</i> , 2019 , 17, 1613-1626	6.6	12
366	Hlf marks the developmental pathway for hematopoietic stem cells but not for erythro-myeloid progenitors. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1599-1614	16.6	14
365	TUBB1 dysfunction in inherited thrombocytopenia causes genome instability. <i>British Journal of Haematology</i> , 2019 , 185, 888-902	4.5	5
364	Dynamic Changes in the Niche with N-Cadherin Revisited: The HSC "Niche Herein". <i>Cell Stem Cell</i> , 2019 , 24, 355-356	18	3
363	High mitochondrial mass is associated with reconstitution capacity and quiescence of hematopoietic stem cells. <i>Blood Advances</i> , 2019 , 3, 2323-2327	7.8	19
362	Lack of whey acidic protein (WAP) four-disulfide core domain protease inhibitor 2 (WFDC2) causes neonatal death from respiratory failure in mice. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	2
361	Modification of the bone marrow MSC population in a xenograft model of early multiple myeloma. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 1175-1181	3.4	7
360	Ribosome Incorporation into Somatic Cells Promotes Lineage Transdifferentiation towards Multipotency. <i>Scientific Reports</i> , 2018 , 8, 1634	4.9	13
359	Reactive Oxygen Species and Mitochondrial Homeostasis as Regulators of Stem Cell Fate and Function. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 149-168	8.4	58
358	Folliculin Regulates Osteoclastogenesis Through Metabolic Regulation. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1785-1798	6.3	15
357	Mitochondria Clearance Mechanisms Via Interaction with Macrophages in Erythropoiesis. <i>Blood</i> , 2018 , 132, 2320-2320	2.2	
356	Hyperactivated mitophagy in hematopoietic stem cells. <i>Nature Immunology</i> , 2018 , 19, 2-3	19.1	13
355	Small Maf functions in the maintenance of germline stem cells in the Drosophila testis. <i>Redox Biology</i> , 2018 , 15, 125-134	11.3	18
354	Thrombopoietin Metabolically Primes Hematopoietic Stem Cells to Megakaryocyte-Lineage Differentiation. <i>Cell Reports</i> , 2018 , 25, 1772-1785.e6	10.6	32

353	Genetic determinants and an epistasis of and HLA-B*52 in Takayasu arteritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 13045-13050	11.5	30
352	The arginase inhibitor N ^ε -hydroxy-nor-arginine (nor-NOHA) induces apoptosis in leukemic cells specifically under hypoxic conditions but CRISPR/Cas9 excludes arginase 2 (ARG2) as the functional target. <i>PLoS ONE</i> , 2018 , 13, e0205254	3.7	5
351	Ca-mitochondria axis drives cell division in hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2097-2113	16.6	64
350	Acquired expression of in mice induces dysplastic myelopoiesis mimicking chronic myelomonocytic leukemia. <i>Blood</i> , 2017 , 129, 2148-2160	2.2	13
349	The telomere binding protein Pot1 maintains haematopoietic stem cell activity with age. <i>Nature Communications</i> , 2017 , 8, 804	17.4	20
348	Mfsd2b is essential for the sphingosine-1-phosphate export in erythrocytes and platelets. <i>Nature</i> , 2017 , 550, 524-528	50.4	106
347	Niche-mediated depletion of the normal hematopoietic stem cell reservoir by Flt3-ITD-induced myeloproliferation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2005-2021	16.6	34
346	Integrin α ₈ enhances the suppressive effect of interferon- γ on hematopoietic stem cells. <i>EMBO Journal</i> , 2017 , 36, 2390-2403	13	19
345	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017 , 6,	8.9	51
344	Genetic Ablation or Pharmacological Inhibition of PRMT5 Affects Maintenance of Genomic Integrity in Hematopoietic Stem Cells. <i>Blood</i> , 2017 , 130, 711-711	2.2	
343	Flt1/VEGFR1 heterozygosity causes transient embryonic edema. <i>Scientific Reports</i> , 2016 , 6, 27186	4.9	4
342	p38 β Activates Purine Metabolism to Initiate Hematopoietic Stem/Progenitor Cell Cycling in Response to Stress. <i>Cell Stem Cell</i> , 2016 , 19, 192-204	18	58
341	Repopulation dynamics of single haematopoietic stem cells in mouse transplantation experiments: Importance of stem cell composition in competitor cells. <i>Journal of Theoretical Biology</i> , 2016 , 394, 57-67 ²⁻³	2.3	3
340	How hematopoietic stem/progenitors and their niche sense and respond to infectious stress. <i>Experimental Hematology</i> , 2016 , 44, 92-100	3.1	12
339	Mitochondria Transfer from Hematopoietic Stem and Progenitor Cells to Pdgfr β /Sca-1-/CD48dim BM Stromal Cells Via CX43 Gap Junctions and AMPK Signaling Inversely Regulate ROS Generation in Both Cell Populations. <i>Blood</i> , 2016 , 128, 5-5	2.2	7
338	Regulation of hematopoietic stem cell integrity through p53 and its related factors. <i>Annals of the New York Academy of Sciences</i> , 2016 , 1370, 45-54	6.5	17
337	Loss of Folliculin Disrupts Hematopoietic Stem Cell Quiescence and Homeostasis Resulting in Bone Marrow Failure. <i>Stem Cells</i> , 2016 , 34, 1068-82	5.8	21
336	Maintenance of the functional integrity of mouse hematopoiesis by EED and promotion of leukemogenesis by EED haploinsufficiency. <i>Scientific Reports</i> , 2016 , 6, 29454	4.9	7

335	Setdb1 maintains hematopoietic stem and progenitor cells by restricting the ectopic activation of nonhematopoietic genes. <i>Blood</i> , 2016 , 128, 638-49	2.2	44
334	Self-renewal of a purified Tie2+ hematopoietic stem cell population relies on mitochondrial clearance. <i>Science</i> , 2016 , 354, 1156-1160	33.3	180
333	Aspp1 Preserves Hematopoietic Stem Cell Pool Integrity and Prevents Malignant Transformation. <i>Cell Stem Cell</i> , 2015 , 17, 23-34	18	26
332	Fbxl10 overexpression in murine hematopoietic stem cells induces leukemia involving metabolic activation and upregulation of Nsg2. <i>Blood</i> , 2015 , 125, 3437-46	2.2	45
331	Autonomy and Non-autonomy of Angiogenic Cell Movements Revealed by Experiment-Driven Mathematical Modeling. <i>Cell Reports</i> , 2015 , 13, 1814-27	10.6	16
330	Histone methyltransferase Setdb1 regulates energy metabolism in hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2015 , 43, S73	3.1	3
329	CLEC-2 in megakaryocytes is critical for maintenance of hematopoietic stem cells in the bone marrow. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2133-46	16.6	79
328	Integrative Analysis of the Acquisition of Pluripotency in PGCs Reveals the Mutually Exclusive Roles of Blimp-1 and AKT Signaling. <i>Stem Cell Reports</i> , 2015 , 5, 111-24	8	10
327	Proliferation following tetraploidization regulates the size and number of erythrocytes in the blood flow during medaka development, as revealed by the abnormal karyotype of erythrocytes in the medaka TFDP1 mutant. <i>Developmental Dynamics</i> , 2015 , 244, 651-68	2.9	0
326	Determining c-Myb protein levels can isolate functional hematopoietic stem cell subtypes. <i>Stem Cells</i> , 2015 , 33, 479-90	5.8	6
325	Bacterial c-di-GMP affects hematopoietic stem/progenitors and their niches through STING. <i>Cell Reports</i> , 2015 , 11, 71-84	10.6	32
324	Amino Acid Transporter X Is Required for Hematopoietic Stem Cell Maintenance through Regulating Specific Amino Acids Level. <i>Blood</i> , 2015 , 126, 1166-1166	2.2	2
323	Hematopoietic stem cell enhancer: a powerful tool in stem cell biology. <i>Histology and Histopathology</i> , 2015 , 30, 661-72	1.4	5
322	p38 β Activates Purine Metabolism to Initiate Hematopoietic Stem Cell Cycling. <i>Blood</i> , 2015 , 126, 776-776	2.2	
321	Metabolic requirements for the maintenance of self-renewing stem cells. <i>Nature Reviews Molecular Cell Biology</i> , 2014 , 15, 243-56	48.7	646
320	Telomerase reverse transcriptase has an extratelomeric function in somatic cell reprogramming. <i>Journal of Biological Chemistry</i> , 2014 , 289, 15776-87	5.4	13
319	Mortalin and DJ-1 coordinately regulate hematopoietic stem cell function through the control of oxidative stress. <i>Blood</i> , 2014 , 123, 41-50	2.2	47
318	Megakaryocytes are essential for HSC quiescence through the production of thrombopoietin. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 454, 353-7	3.4	93

317	Neurons limit angiogenesis by titrating VEGF in retina. <i>Cell</i> , 2014 , 159, 584-96	56.2	170
316	Jam1a-Jam2a interactions regulate haematopoietic stem cell fate through Notch signalling. <i>Nature</i> , 2014 , 512, 319-23	50.4	84
315	Aging of the hematopoietic stem cells niche. <i>International Journal of Hematology</i> , 2014 , 100, 317-25	2.3	24
314	Role of endothelial cell-derived angptl2 in vascular inflammation leading to endothelial dysfunction and atherosclerosis progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 790-800	9.4	106
313	The IL-2/CD25 axis maintains distinct subsets of chronic myeloid leukemia-initiating cells. <i>Blood</i> , 2014 , 123, 2540-9	2.2	51
312	Opening the door for HIF1 β tuning. <i>Blood</i> , 2014 , 123, 151-2	2.2	1
311	The analysis, roles and regulation of quiescence in hematopoietic stem cells. <i>Development (Cambridge)</i> , 2014 , 141, 4656-66	6.6	126
310	R-spondins/Lgrs expression in tooth development. <i>Developmental Dynamics</i> , 2014 , 243, 844-51	2.9	15
309	p53 Co-Activator Aspp1 Induces Apoptosis in Damaged Hematopoietic Stem Cells and Prevents Malignant Transformation. <i>Blood</i> , 2014 , 124, 603-603	2.2	1
308	Acquired deficiency of A20 results in rapid apoptosis, systemic inflammation, and abnormal hematopoietic stem cell function. <i>PLoS ONE</i> , 2014 , 9, e87425	3.7	21
307	A Novel Mechanism of Megakaryopoiesis from Pre-Adipocytes: Involvement of Transferrin/ CD71/ TPO Pathways. <i>Blood</i> , 2014 , 124, 4306-4306	2.2	
306	Epigenetic Regulation of Hematopoietic Stem and Progenitor Cells By the Eset Histone Methyltransferases. <i>Blood</i> , 2014 , 124, 765-765	2.2	
305	p38 β s Required for Proper Proliferation of Hematopoietic Stem Cells during Stress. <i>Blood</i> , 2014 , 124, 4317-4317	2.2	
304	Haploinsufficiency of SAMD9L, an endosome fusion facilitator, causes myeloid malignancies in mice mimicking human diseases with monosomy 7. <i>Cancer Cell</i> , 2013 , 24, 305-17	24.3	89
303	Regulation of glycolysis by Pdk functions as a metabolic checkpoint for cell cycle quiescence in hematopoietic stem cells. <i>Cell Stem Cell</i> , 2013 , 12, 49-61	18	481
302	Novel interferon-based pre-transplantation conditioning in the treatment of a congenital metabolic disorder. <i>Blood</i> , 2013 , 121, 3267-73	2.2	4
301	Enhanced Angpt1/Tie2 signaling affects the differentiation and long-term repopulation ability of hematopoietic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 20-5	3.4	13
300	Nucleostemin is indispensable for the maintenance and genetic stability of hematopoietic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 441, 196-201	3.4	22

299	Hematopoietic stem cell niche: an interplay among a repertoire of multiple functional niches. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2404-9	4	31
298	Angiopoietin-1 guides directional angiogenesis through integrin $\alpha 5$ signaling for recovery of ischemic retinopathy. <i>Science Translational Medicine</i> , 2013 , 5, 203ra127	17.5	90
297	Conversion of primordial germ cells to pluripotent stem cells: methods for cell tracking and culture conditions. <i>Methods in Molecular Biology</i> , 2013 , 1052, 49-56	1.4	3
296	An epigenetic switch is crucial for spermatogonia to exit the undifferentiated state toward a Kit-positive identity. <i>Development (Cambridge)</i> , 2013 , 140, 3565-76	6.6	54
295	Induction of pluripotent stem cells from primordial germ cells by single reprogramming factors. <i>Stem Cells</i> , 2013 , 31, 479-87	5.8	11
294	Identification of drug candidate against prostate cancer from the aspect of somatic cell reprogramming. <i>Cancer Science</i> , 2013 , 104, 1017-26	6.9	28
293	Prostaglandin E(2) regulates murine hematopoietic stem/progenitor cells directly via EP4 receptor and indirectly through mesenchymal progenitor cells. <i>Blood</i> , 2013 , 121, 1995-2007	2.2	38
292	OP9 bone marrow stroma cells differentiate into megakaryocytes and platelets. <i>PLoS ONE</i> , 2013 , 8, e58123	1.7	18
291	Subcutaneous Preadipocytes Are Ideal Candidate To Produce A Large Number Of Functional Platelets In a Culture System. <i>Blood</i> , 2013 , 122, 3271-3271	2.2	
290	The formation of an angiogenic astrocyte template is regulated by the neuroretina in a HIF-1-dependent manner. <i>Developmental Biology</i> , 2012 , 363, 106-14	3.1	55
289	Regulation of reactive oxygen species in stem cells and cancer stem cells. <i>Journal of Cellular Physiology</i> , 2012 , 227, 421-30	7	213
288	Extracellular matrix protein tenascin-C is required in the bone marrow microenvironment primed for hematopoietic regeneration. <i>Blood</i> , 2012 , 119, 5429-37	2.2	103
287	Role of N-cadherin in the regulation of hematopoietic stem cells in the bone marrow niche. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1266, 72-7	6.5	38
286	Nucleostemin in injury-induced liver regeneration. <i>Stem Cells and Development</i> , 2012 , 21, 3044-54	4.4	12
285	A PMLBPARG pathway for fatty acid oxidation regulates hematopoietic stem cell maintenance. <i>Nature Medicine</i> , 2012 , 18, 1350-8	50.5	481
284	Flt1 and Flk1 mediate regulation of intraocular pressure and their double heterozygosity causes the buphthalmia in mice. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 422-7	3.4	5
283	Noncanonical Wnt signaling maintains hematopoietic stem cells in the niche. <i>Cell</i> , 2012 , 150, 351-65	56.2	218
282	N-cadherin+ HSCs in fetal liver exhibit higher long-term bone marrow reconstitution activity than N-cadherin- HSCs. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 428, 354-9	3.4	4

281	Neovascular niche for human myeloma cells in immunodeficient mouse bone. <i>PLoS ONE</i> , 2012 , 7, e30557	3.7	15
280	TAK1 (MAP3K7) signaling regulates hematopoietic stem cells through TNF-dependent and -independent mechanisms. <i>PLoS ONE</i> , 2012 , 7, e51073	3.7	10
279	Two anatomically distinct niches regulate stem cell activity. <i>Blood</i> , 2012 , 120, 2174-81	2.2	60
278	Pathological neoangiogenesis depends on oxidative stress regulation by ATM. <i>Nature Medicine</i> , 2012 , 18, 1208-16	50.5	118
277	Roles of the hypoxia response system in hematopoietic and leukemic stem cells. <i>International Journal of Hematology</i> , 2012 , 95, 478-83	2.3	35
276	Dynamic regulation of Th17 differentiation by oxygen concentrations. <i>International Immunology</i> , 2012 , 24, 137-46	4.9	50
275	Tracing the conversion process from primordial germ cells to pluripotent stem cells in mice. <i>Biology of Reproduction</i> , 2012 , 86, 182	3.9	12
274	Optimal ratio of transcription factors for somatic cell reprogramming. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36273-82	5.4	22
273	Gene Expression Profiling and Regulatory Networks in Single Cells 2012 , 1-13		
272	A PML/PPAR- γ Pathway for Fatty Acid Oxidation Regulates Hematopoietic Stem Cell Maintenance Through the Control of Asymmetric Division.. <i>Blood</i> , 2012 , 120, 2327-2327	2.2	0
271	Role of N-Cadherin in the Regulation of Hematopoietic Stem Cells in the Fetal Liver and Bone Marrow. <i>Blood</i> , 2012 , 120, 1205-1205	2.2	
270	Maintenance of Adult Stem Cells: Role of the Stem Cell Niche 2011 , 35-55		2
269	Vascularity of nongynecological leiomyosarcoma depends on colony-stimulating factor 1 but not on vascular endothelial growth factor. <i>American Journal of Pathology</i> , 2011 , 179, 1591-3	5.8	
268	Ataxia-telangiectasia mutated (ATM) deficiency decreases reprogramming efficiency and leads to genomic instability in iPS cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 407, 321-6	3.4	39
267	p57(Kip2) and p27(Kip1) cooperate to maintain hematopoietic stem cell quiescence through interactions with Hsc70. <i>Cell Stem Cell</i> , 2011 , 9, 247-61	18	201
266	Metabolic regulation of hematopoietic stem cells in the hypoxic niche. <i>Cell Stem Cell</i> , 2011 , 9, 298-310	18	544
265	Impact of gene dosage, loss of wild-type allele, and FLT3 ligand on Flt3-ITD-induced myeloproliferation. <i>Blood</i> , 2011 , 118, 3613-21	2.2	25
264	Ex vivo maintenance of hematopoietic stem cells by quiescence induction through Fbxw7 α ; overexpression. <i>Blood</i> , 2011 , 117, 2373-7	2.2	35

263	Telomerase reverse transcriptase protects ATM-deficient hematopoietic stem cells from ROS-induced apoptosis through a telomere-independent mechanism. <i>Blood</i> , 2011 , 117, 4169-80	2.2	50
262	Bone marrow-derived cells serve as proangiogenic macrophages but not endothelial cells in wound healing. <i>Blood</i> , 2011 , 117, 5264-72	2.2	86
261	Hematopoiesis and bone remodeling. <i>Blood</i> , 2011 , 117, 5556-7	2.2	6
260	Hemp, an mbt domain-containing protein, plays essential roles in hematopoietic stem cell function and skeletal formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2468-73	11.5	12
259	Isolation and function of mouse tissue resident vascular precursors marked by myelin protein zero. <i>Journal of Experimental Medicine</i> , 2011 , 208, 949-60	16.6	29
258	Osteoclasts are dispensable for hematopoietic stem cell maintenance and mobilization. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2761-2761	16.6	78
257	A germ cell-specific gene, Prmt5, works in somatic cell reprogramming. <i>Journal of Biological Chemistry</i> , 2011 , 286, 10641-8	5.4	53
256	Osteoclasts are dispensable for hematopoietic stem cell maintenance and mobilization. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2175-81	16.6	123
255	Molecules Regulating Macrophage Fusions 2011 , 233-248		3
254	Prostaglandin E2 Signaling Through the EP4 Receptor Regulates the Proliferation of Hematopoietic Stem/Progenitor Cells Under Stress Conditions. <i>Blood</i> , 2011 , 118, 2377-2377	2.2	
253	Non-canonical inhibition of DNA damage-dependent ubiquitination by OTUB1. <i>Nature</i> , 2010 , 466, 941-6	50.4	256
252	DOCK180 is a Rac activator that regulates cardiovascular development by acting downstream of CXCR4. <i>Circulation Research</i> , 2010 , 107, 1102-5	15.7	41
251	The Blimp1-Bcl6 axis is critical to regulate osteoclast differentiation and bone homeostasis. <i>Journal of Experimental Medicine</i> , 2010 , 207, 751-62	16.6	152
250	von Hippel-Lindau protein regulates transition from the fetal to the adult circulatory system in retina. <i>Development (Cambridge)</i> , 2010 , 137, 1563-71	6.6	53
249	Hematopoietic Stem Cells and Their Niche 2010 , 37-55		3
248	Cadherin-based adhesion is a potential target for niche manipulation to protect hematopoietic stem cells in adult bone marrow. <i>Cell Stem Cell</i> , 2010 , 6, 194-8	18	77
247	Regulation of the HIF-1alpha level is essential for hematopoietic stem cells. <i>Cell Stem Cell</i> , 2010 , 7, 391-402	402	651
246	Endothelial protein C receptor-expressing hematopoietic stem cells reside in the perisinusoidal niche in fetal liver. <i>Blood</i> , 2010 , 116, 544-53	2.2	78

245	Knockdown of N-cadherin suppresses the long-term engraftment of hematopoietic stem cells. <i>Blood</i> , 2010 , 116, 554-63	2.2	95
244	Comparative gene expression analysis of zebrafish and mammals identifies common regulators in hematopoietic stem cells. <i>Blood</i> , 2010 , 115, e1-9	2.2	25
243	Isolation and characterization of endosteal niche cell populations that regulate hematopoietic stem cells. <i>Blood</i> , 2010 , 116, 1422-32	2.2	163
242	TIMP-3 recruits quiescent hematopoietic stem cells into active cell cycle and expands multipotent progenitor pool. <i>Blood</i> , 2010 , 116, 4474-82	2.2	28
241	Functional differences between two Tie2 ligands, angiopoietin-1 and -2, in regulation of adult bone marrow hematopoietic stem cells. <i>Experimental Hematology</i> , 2010 , 38, 82-9	3.1	30
240	Acquisition of G ₀ state by CD34-positive cord blood cells after bone marrow transplantation. <i>Experimental Hematology</i> , 2010 , 38, 1231-40	3.1	26
239	A Novel MBT-Containing Protein, Hemp, Plays Essential Roles In Skeletal Formation and Hematopoietic Stem Cell Function.. <i>Blood</i> , 2010 , 116, 1597-1597	2.2	1
238	The Blimp1Bcl6 axis is critical to regulate osteoclast differentiation and bone homeostasis. <i>Journal of Cell Biology</i> , 2010 , 189, i4-i4	7.3	
237	Role of Protection of Telomeres 1A (Pot1a) In the Regulation of Hematopoietic Stem Cells.. <i>Blood</i> , 2010 , 116, 2617-2617	2.2	
236	Bidirectional signaling through ephrinA2-EphA2 enhances osteoclastogenesis and suppresses osteoblastogenesis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 14637-44	5.4	130
235	Identification of tumor-initiating cells in a highly aggressive brain tumor using promoter activity of nucleostemin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 17163-8	11.5	75
234	M-CSF inhibition selectively targets pathological angiogenesis and lymphangiogenesis. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1089-102	16.6	293
233	Identification of targets of Prox1 during in vitro vascular differentiation from embryonic stem cells: functional roles of HoxD8 in lymphangiogenesis. <i>Journal of Cell Science</i> , 2009 , 122, 3923-30	5.3	31
232	Feedback mechanism between blood vessels and astrocytes in retinal vascular development. <i>Trends in Cardiovascular Medicine</i> , 2009 , 19, 38-43	6.9	28
231	1-Alpha, 25-dihydroxy vitamin D3 inhibits osteoclastogenesis through IFN-beta-dependent NFATc1 suppression. <i>Journal of Bone and Mineral Metabolism</i> , 2009 , 27, 643-52	2.9	51
230	Cancer stem cells and their niche. <i>Cancer Science</i> , 2009 , 100, 1166-72	6.9	112
229	Interferon regulatory factor-2 protects quiescent hematopoietic stem cells from type I interferon-dependent exhaustion. <i>Nature Medicine</i> , 2009 , 15, 696-700	50.5	296
228	Niche regulation of hematopoietic stem cells in the endosteum. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1176, 36-46	6.5	52

227	Prospective identification, isolation, and systemic transplantation of multipotent mesenchymal stem cells in murine bone marrow. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2483-96	16.6	587
226	Angiopoietin-like protein 2 promotes chronic adipose tissue inflammation and obesity-related systemic insulin resistance. <i>Cell Metabolism</i> , 2009 , 10, 178-88	24.6	261
225	Reconstitution activity of hypoxic cultured human cord blood CD34-positive cells in NOG mice. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 378, 467-72	3.4	36
224	Angptl 4 deficiency improves lipid metabolism, suppresses foam cell formation and protects against atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 379, 806-11	3.4	64
223	Angiopoietins contribute to lung development by regulating pulmonary vascular network formation. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 218-23	3.4	35
222	Craniofacial malformation in R-spondin2 knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 453-8	3.4	66
221	MCP-1 expressed by osteoclasts stimulates osteoclastogenesis in an autocrine/paracrine manner. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 383, 373-7	3.4	70
220	The Niche Regulation of Hematopoietic Stem Cells 2009 , 165-173		3
219	M-CSF inhibition selectively targets pathological angiogenesis and lymphangiogenesis. <i>Journal of Cell Biology</i> , 2009 , 185, i6-i6	7.3	2
218	Fractionated Osteoblastic Niche Cells Enhances the Homing Activity of Hematopoietic Stem Cells.. <i>Blood</i> , 2009 , 114, 560-560	2.2	
217	Prospective identification, isolation, and systemic transplantation of multipotent mesenchymal stem cells in murine bone marrow. <i>Journal of Cell Biology</i> , 2009 , 187, i4-i4	7.3	
216	Lymphatic vessel assembly is impaired in Aspp1-deficient mouse embryos. <i>Developmental Biology</i> , 2008 , 316, 149-59	3.1	41
215	Stem cell defects in ATM-deficient undifferentiated spermatogonia through DNA damage-induced cell-cycle arrest. <i>Cell Stem Cell</i> , 2008 , 2, 170-82	18	100
214	Ontogeny and multipotency of neural crest-derived stem cells in mouse bone marrow, dorsal root ganglia, and whisker pad. <i>Cell Stem Cell</i> , 2008 , 2, 392-403	18	303
213	Bone marrow long label-retaining cells reside in the sinusoidal hypoxic niche. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 366, 335-9	3.4	118
212	Vascular endothelial growth factor-A is a survival factor for nucleus pulposus cells in the intervertebral disc. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 372, 367-72	3.4	64
211	Cell fusion in osteoclasts plays a critical role in controlling bone mass and osteoblastic activity. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 899-904	3.4	41
210	Wnt signaling in the niche. <i>Cell</i> , 2008 , 132, 729-30	56.2	44

209	Ras signaling directs endothelial specification of VEGFR2+ vascular progenitor cells. <i>Journal of Cell Biology</i> , 2008 , 181, 131-41	7.3	38
208	Fbxw7 acts as a critical fail-safe against premature loss of hematopoietic stem cells and development of T-ALL. <i>Genes and Development</i> , 2008 , 22, 986-91	12.6	146
207	The role of DC-STAMP in maintenance of immune tolerance through regulation of dendritic cell function. <i>International Immunology</i> , 2008 , 20, 1259-68	4.9	31
206	Angiopoietin-related growth factor enhances blood flow via activation of the ERK1/2-eNOS-NO pathway in a mouse hind-limb ischemia model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 827-34	9.4	41
205	VEGFR1 tyrosine kinase signaling promotes lymphangiogenesis as well as angiogenesis indirectly via macrophage recruitment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 658-64	9.4	110
204	FoxO3a regulates hematopoietic homeostasis through a negative feedback pathway in conditions of stress or aging. <i>Blood</i> , 2008 , 112, 4485-93	2.2	70
203	Identification of stem cells during prepubertal spermatogenesis via monitoring of nucleostemin promoter activity. <i>Stem Cells</i> , 2008 , 26, 3237-46	5.8	33
202	Leukemia inhibitory factor regulates microvessel density by modulating oxygen-dependent VEGF expression in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2393-403	15.9	68
201	Functional Difference of Two Tie2 Ligands, Angiopoietin-1 and -2, in the Regulation of the Adult Bone Marrow Hematopoietic Stem Cells. <i>Blood</i> , 2008 , 112, 893-893	2.2	
200	Control of the HSC Niche Signaling for the Efficient Long-Term Engraftment of Hematopoietic Stem Cells without Irradiation or High-Dose Chemotherapy.. <i>Blood</i> , 2008 , 112, 2330-2330	2.2	
199	M-CSF Inhibition Selectively Targets Tumor Angiogenesis and Lymphangiogenesis. <i>Blood</i> , 2008 , 112, 1256-1256	2.2	
198	Maintenance of quiescent hematopoietic stem cells in the osteoblastic niche. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1106, 41-53	6.5	185
197	Induction of DC-STAMP by alternative activation and downstream signaling mechanisms. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 992-1001	6.3	109
196	Prox1 induces lymphatic endothelial differentiation via integrin alpha9 and other signaling cascades. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1421-9	3.5	126
195	Reactive oxygen species induce chondrocyte hypertrophy in endochondral ossification. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1613-23	16.6	137
194	Angiogenic role of LYVE-1-positive macrophages in adipose tissue. <i>Circulation Research</i> , 2007 , 100, e47-57	15.7	199
193	Regulation of reactive oxygen species by Atm is essential for proper response to DNA double-strand breaks in lymphocytes. <i>Journal of Immunology</i> , 2007 , 178, 103-10	5.3	97
192	Foxo3a is essential for maintenance of the hematopoietic stem cell pool. <i>Cell Stem Cell</i> , 2007 , 1, 101-12	18	667

191	Thrombopoietin/MPL signaling regulates hematopoietic stem cell quiescence and interaction with the osteoblastic niche. <i>Cell Stem Cell</i> , 2007 , 1, 685-97	18	574
190	Osteoclastic activity induces osteomodulin expression in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 460-6	3-4	31
189	Osteoblast-specific Angiopoietin 1 overexpression increases bone mass. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 1019-25	3-4	31
188	Function of oxidative stress in the regulation of hematopoietic stem cell-niche interaction. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 363, 578-83	3-4	98
187	Regulation of hematopoietic stem cells in the osteoblastic niche. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 602, 61-7	3.6	13
186	Role of Stem Cell Niche in the Maintenance of Hematopoietic Stem Cells. <i>Inflammation and Regeneration</i> , 2007 , 27, 117-123	10.9	1
185	Identification and Characterization of Osteoblastic Niche Cells That Regulate Hematopoietic Stem Cells.. <i>Blood</i> , 2007 , 110, 1412-1412	2.2	
184	TIMP-3 Inhibition of Angiopoietin-1 Signaling Recruits Hematopoietic Stem Cells from the Bone Marrow Niche.. <i>Blood</i> , 2007 , 110, 1255-1255	2.2	
183	Establishment of a Labeling System for Hematopoietic Stem Cells by Nucleostemin Enhancer/Promoter-GFP Transgenic Mice.. <i>Blood</i> , 2007 , 110, 2240-2240	2.2	
182	Expression of Endothelial Protein C Receptor Confines Hematopoietic Stem Cell in Murine Fetal Liver.. <i>Blood</i> , 2007 , 110, 1260-1260	2.2	
181	Angiotensin II type 1 receptor-mediated inflammation is required for choroidal neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2252-9	9-4	105
180	The first round of mouse spermatogenesis is a distinctive program that lacks the self-renewing spermatogonia stage. <i>Development (Cambridge)</i> , 2006 , 133, 1495-505	6.6	266
179	A CTX family cell adhesion molecule, JAM4, is expressed in stem cell and progenitor cell populations of both male germ cell and hematopoietic cell lineages. <i>Molecular and Cellular Biology</i> , 2006 , 26, 8498-506	4.8	24
178	Differentiation of arterial and venous endothelial cells and vascular morphogenesis. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006 , 13, 137-45		34
177	Angiopoietins and angiopoietin-like proteins in angiogenesis. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006 , 13, 71-9		79
176	Bidirectional ephrinB2-EphB4 signaling controls bone homeostasis. <i>Cell Metabolism</i> , 2006 , 4, 111-21	24.6	594
175	Intestinal and peri-tumoral lymphatic endothelial cells are resistant to radiation-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 345, 545-51	3-4	14
174	Premeiotic germ cell defect in seminiferous tubules of Atm-null testis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 993-8	3-4	16

173	Loss of Tie2 receptor compromises embryonic stem cell-derived endothelial but not hematopoietic cell survival. <i>Blood</i> , 2006 , 107, 1207-13	2.2	14
172	Reactive oxygen species act through p38 MAPK to limit the lifespan of hematopoietic stem cells. <i>Nature Medicine</i> , 2006 , 12, 446-51	50.5	1056
171	v-ATPase V0 subunit d2-deficient mice exhibit impaired osteoclast fusion and increased bone formation. <i>Nature Medicine</i> , 2006 , 12, 1403-9	50.5	442
170	Role of DC-STAMP in cellular fusion of osteoclasts and macrophage giant cells. <i>Journal of Bone and Mineral Metabolism</i> , 2006 , 24, 355-8	2.9	90
169	Distribution of lymphatic vessels in mouse thymus: immunofluorescence analysis. <i>Cell and Tissue Research</i> , 2006 , 325, 13-22	4.2	22
168	Ubiquitin Ligase Component Fbw7 Regulates the Quiescence of Hematopoietic Stem Cells.. <i>Blood</i> , 2006 , 108, 79-79	2.2	1
167	Reactive Oxygen Species Control Hematopoietic Stem Cell-Niche Interaction through the Regulation of N-Cadherin.. <i>Blood</i> , 2006 , 108, 86-86	2.2	2
166	Endothelial and Hematopoietic Cells in the Intraembryonic Compartment 2006 , 92-107		
165	Foxo3a Is Essential for the Quiescence and Self-Renewal of Hematopoietic Stem Cells.. <i>Blood</i> , 2006 , 108, 442-442	2.2	0
164	Anti-Oxidant NAC Prevents Hypersensitivity, Immunodeficiency and Lymphomagenesis in Atm ^{-/-} Mice.. <i>Blood</i> , 2006 , 108, 4753-4753	2.2	
163	Thrombopoietin-Mpl Signal Induces Hematopoietic Stem Cells into Quiescent State in the Bone Marrow Niche.. <i>Blood</i> , 2006 , 108, 858-858	2.2	
162	Hematopoietic stem cells and their niche. <i>Trends in Immunology</i> , 2005 , 26, 426-33	14.4	160
161	Increase of smooth muscle cell migration and of intimal hyperplasia in mice lacking the alpha/beta hydrolase domain containing 2 gene. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 296-304	3.4	27
160	A quantitative matrigel assay for assessing repopulating capacity of prostate stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1164-70	3.4	15
159	CD24 is expressed specifically in the nucleus pulposus of intervertebral discs. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1890-6	3.4	114
158	Angiopoietin-like proteins: potential new targets for metabolic syndrome therapy. <i>Trends in Molecular Medicine</i> , 2005 , 11, 473-9	11.5	101
157	Regulation of stem cells in the niche. <i>Cornea</i> , 2005 , 24, S12-S17	3.1	41
156	Hematopoietic cells regulate the angiogenic switch during tumorigenesis. <i>Blood</i> , 2005 , 105, 2757-63	2.2	66

155	Angiopoietin-1 promotes LYVE-1-positive lymphatic vessel formation. <i>Blood</i> , 2005 , 105, 4649-56	2.2	202
154	Angiopoietin-1 promotes lymphatic sprouting and hyperplasia. <i>Blood</i> , 2005 , 105, 4642-8	2.2	204
153	Regulation of hematopoiesis and its interaction with stem cell niches. <i>International Journal of Hematology</i> , 2005 , 82, 371-6	2.3	45
152	Angiopoietin-related growth factor antagonizes obesity and insulin resistance. <i>Nature Medicine</i> , 2005 , 11, 400-8	50.5	170
151	Oncogenic transcription factor Evi1 regulates hematopoietic stem cell proliferation through GATA-2 expression. <i>EMBO Journal</i> , 2005 , 24, 1976-87	13	166
150	Regulation of hematopoietic stem cells by the niche. <i>Trends in Cardiovascular Medicine</i> , 2005 , 15, 75-9	6.9	62
149	Isolation and expression patterns of genes for three angiopoietin-like proteins, Angptl1, 2 and 6 in zebrafish. <i>Gene Expression Patterns</i> , 2005 , 5, 679-85	1.5	29
148	Selective suppression of pathologic, but not physiologic, retinal neovascularization by blocking the angiotensin II type 1 receptor. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1078-84		66
147	Suppression of ocular inflammation in endotoxin-induced uveitis by blocking the angiotensin II type 1 receptor. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2925-31		69
146	The PTEN/PI3K pathway governs normal vascular development and tumor angiogenesis. <i>Genes and Development</i> , 2005 , 19, 2054-65	12.6	232
145	DC-STAMP is essential for cell-cell fusion in osteoclasts and foreign body giant cells. <i>Journal of Experimental Medicine</i> , 2005 , 202, 345-51	16.6	661
144	Cooperative interaction of Angiopoietin-like proteins 1 and 2 in zebrafish vascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13502-7	11.5	79
143	N-Cadherin Induces Hematopoietic Stem Cells in a Quiescent State in the Bone Marrow Niche.. <i>Blood</i> , 2005 , 106, 470-470	2.2	2
142	Inactivation of p38 MAPK Extends Self-Renewal Capacity of Haematopoietic Stem Cells.. <i>Blood</i> , 2005 , 106, 265-265	2.2	
141	Rb Plays an Essential Role in Erythroid Differentiation through Inhibition of Apoptosis Mediated by NFkB.. <i>Blood</i> , 2005 , 106, 308-308	2.2	
140	Regulation of cell cycle in hematopoietic stem cells by the niche. <i>Cell Cycle</i> , 2004 , 3, 1481-3	4.7	32
139	Mouse Fbw7/Sel-10/Cdc4 is required for notch degradation during vascular development. <i>Journal of Biological Chemistry</i> , 2004 , 279, 9417-23	5.4	206
138	Activated protein C induces endothelial cell proliferation by mitogen-activated protein kinase activation in vitro and angiogenesis in vivo. <i>Circulation Research</i> , 2004 , 95, 34-41	15.7	123

137	Regulation of oxidative stress by ATM is required for self-renewal of haematopoietic stem cells. <i>Nature</i> , 2004 , 431, 997-1002	50.4	961
136	Angiopoietin-related/angiopoietin-like proteins regulate angiogenesis. <i>International Journal of Hematology</i> , 2004 , 80, 21-8	2.3	101
135	Tie2/angiopoietin-1 signaling regulates hematopoietic stem cell quiescence in the bone marrow niche. <i>Cell</i> , 2004 , 118, 149-61	56.2	1579
134	Cell adhesion to ephrinb2 is induced by EphB4 independently of its kinase activity. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 681-7	3.4	6
133	Dimer formation of receptor activator of nuclear factor kappaB induces incomplete osteoclast formation. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 229-34	3.4	17
132	Neurogenin3 delineates the earliest stages of spermatogenesis in the mouse testis. <i>Developmental Biology</i> , 2004 , 269, 447-58	3.1	219
131	Angiopoietin-related growth factor (AGF) promotes angiogenesis. <i>Blood</i> , 2004 , 103, 3760-5	2.2	84
130	Derivation and morphological characterization of mouse spermatogonial stem cell lines. <i>Archives of Histology and Cytology</i> , 2004 , 67, 297-306		57
129	Spatial analysis of germ stem cell development in Oct-4/EGFP transgenic mice. <i>Archives of Histology and Cytology</i> , 2004 , 67, 285-96		76
128	Oncogenic Transcription Factor Evi1 Regulates Hematopoietic Stem Cell Proliferation through GATA-2 Expression.. <i>Blood</i> , 2004 , 104, 228-228	2.2	2
127	Role of Cell Adhesion in the Maintenance of Hematopoietic Stem Cells in the Bone Marrow Niche.. <i>Blood</i> , 2004 , 104, 669-669	2.2	0
126	Regulation of hematopoietic stem cell by the bone marrow microenvironment "niche".. <i>Seibutsu Butsuri Kagaku</i> , 2004 , 48, 133-138		
125	Identification of Non-Hematopoietic Stem Cells in Mouse Bone Marrow Osteoblastic Zone.. <i>Blood</i> , 2004 , 104, 677-677	2.2	
124	Tie2 Is Essential for the Development of Lymphangiogenic Endothelial Cell during ES Cell Differentiation.. <i>Blood</i> , 2004 , 104, 844-844	2.2	
123	Rb Regulates Erythroid Differentiation through Bcl-XL-Dependent Anti-Apoptotic Effect.. <i>Blood</i> , 2004 , 104, 1261-1261	2.2	
122	Distinct roles of ephrin-B2 forward and EphB4 reverse signaling in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 190-7	9.4	80
121	Ephrin-B2 induces migration of endothelial cells through the phosphatidylinositol-3 kinase pathway and promotes angiogenesis in adult vasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 2008-14	9.4	66
120	Neuropilin-1 on hematopoietic cells as a source of vascular development. <i>Blood</i> , 2003 , 101, 1801-9	2.2	40

119	Differentiation and function of osteoclasts. <i>Keio Journal of Medicine</i> , 2003 , 52, 1-7	1.6	113
118	The expression of platelet endothelial cell adhesion molecule-1 in mouse primordial germ cells during their migration and early gonadal formation. <i>Histochemistry and Cell Biology</i> , 2003 , 119, 355-62	2.4	25
117	Defective smooth muscle development in qkl-deficient mice. <i>Development Growth and Differentiation</i> , 2003 , 45, 449-62	3	57
116	Identification and characterization of stem cells in prepubertal spermatogenesis in mice. <i>Developmental Biology</i> , 2003 , 258, 209-25	3.1	204
115	Analysis of RON receptor tyrosine kinase and its splicing variant in malignant and non-malignant human colonic mucosa. <i>International Congress Series</i> , 2003 , 1255, 271-274		
114	Angiopoietin-related growth factor (AGF) promotes epidermal proliferation, remodeling, and regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 9494-9	11.5	93
113	Inhibition of angiogenesis and vascular leakiness by angiopoietin-related protein 4. <i>Cancer Research</i> , 2003 , 63, 6651-7	10.1	133
112	Redistribution of ERK/MAP kinase to uropod-like structures in interleukin-3-induced cell shape changes. <i>Immunology Letters</i> , 2002 , 84, 117-24	4.1	3
111	Chk2 is a tumor suppressor that regulates apoptosis in both an ataxia telangiectasia mutated (ATM)-dependent and an ATM-independent manner. <i>Molecular and Cellular Biology</i> , 2002 , 22, 6521-32	4.8	316
110	Mesenchymal stem cells in perichondrium express activated leukocyte cell adhesion molecule and participate in bone marrow formation. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1549-63	16.6	181
109	Fibroblast growth factor receptor-1 is expressed by endothelial progenitor cells. <i>Blood</i> , 2002 , 100, 3527-35		76
108	Mechanism of hypercalcemia in adult T-cell leukemia: overexpression of receptor activator of nuclear factor kappaB ligand on adult T-cell leukemia cells. <i>Blood</i> , 2002 , 99, 634-40	2.2	142
107	Expression and function of NJ-1 surface antigen in megakaryopoiesis. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 292, 667-74	3.4	0
106	A role of EphB4 receptor and its ligand, ephrin-B2, in erythropoiesis. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 293, 1124-31	3.4	53
105	Analysis of human TIE2 function on hematopoietic stem cells in umbilical cord blood. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 298, 731-7	3.4	15
104	Regulation of vasculogenesis and angiogenesis by EphB/ephrin-B2 signaling between endothelial cells and surrounding mesenchymal cells. <i>Blood</i> , 2002 , 100, 1326-1333	2.2	107
103	Effect of direct angiogenesis inhibition in rheumatoid arthritis using a soluble vascular endothelial growth factor receptor 1 chimeric protein. <i>Journal of Rheumatology</i> , 2002 , 29, 240-5	4.1	19
102	Regulation of vasculogenesis and angiogenesis by EphB/ephrin-B2 signaling between endothelial cells and surrounding mesenchymal cells. <i>Blood</i> , 2002 , 100, 1326-33	2.2	33

101	Exogenous clustered neuropilin 1 enhances vasculogenesis and angiogenesis. <i>Blood</i> , 2001 , 97, 1671-8	2.2	60
100	Localization of recombination activating gene 1/green fluorescent protein (RAG1/GFP) expression in secondary lymphoid organs after immunization with T-dependent antigens in rag1/gfp knockin mice. <i>Blood</i> , 2001 , 97, 2680-7	2.2	36
99	Stromal cells expressing ephrin-B2 promote the growth and sprouting of ephrin-B2(+) endothelial cells. <i>Blood</i> , 2001 , 98, 1028-37	2.2	68
98	ALCAM (CD166): its role in hematopoietic and endothelial development. <i>Blood</i> , 2001 , 98, 2134-42	2.2	118
97	Bifurcation of osteoclasts and dendritic cells from common progenitors. <i>Blood</i> , 2001 , 98, 2544-54	2.2	236
96	Role of hematopoietic stem cells in angiogenesis. <i>International Journal of Hematology</i> , 2001 , 74, 266-71	2.3	7
95	Expression and potential role of angiopoietins and Tie-2 in early development of the mouse metanephros. <i>Developmental Dynamics</i> , 2001 , 222, 120-6	2.9	42
94	Immunohistochemical analysis of distribution of RON receptor tyrosine kinase in human digestive organs. <i>Digestive Diseases and Sciences</i> , 2001 , 46, 424-9	4	24
93	Organization of the chemokine genes in the human and mouse major clusters of CC and CXC chemokines: diversification between the two species. <i>Genes and Immunity</i> , 2001 , 2, 110-3	4.4	34
92	Endomucin is expressed in embryonic dorsal aorta and is able to inhibit cell adhesion. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 287, 501-6	3.4	9
91	Increased renal angiopoietin-1 expression in folic acid-induced nephrotoxicity in mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2721-2731	12.7	53
90	Hematopoietic stem cells express Tie-2 receptor in the murine fetal liver. <i>Blood</i> , 2000 , 96, 3757-3762	2.2	54
89	VEGF-C signaling pathways through VEGFR-2 and VEGFR-3 in vasculoangiogenesis and hematopoiesis. <i>Blood</i> , 2000 , 96, 3793-3800	2.2	125
88	An adherent condition is required for formation of multinuclear osteoclasts in the presence of macrophage colony-stimulating factor and receptor activator of nuclear factor B ligand. <i>Blood</i> , 2000 , 96, 4335-4343	2.2	89
87	WECHE: a novel hematopoietic regulatory factor. <i>Immunity</i> , 2000 , 12, 141-50	32.3	32
86	A role for hematopoietic stem cells in promoting angiogenesis. <i>Cell</i> , 2000 , 102, 199-209	56.2	458
85	Hematopoietic stem cells express Tie-2 receptor in the murine fetal liver. <i>Blood</i> , 2000 , 96, 3757-3762	2.2	1
84	VEGF-C signaling pathways through VEGFR-2 and VEGFR-3 in vasculoangiogenesis and hematopoiesis. <i>Blood</i> , 2000 , 96, 3793-3800	2.2	3

83	An adherent condition is required for formation of multinuclear osteoclasts in the presence of macrophage colony-stimulating factor and receptor activator of nuclear factor B ligand. <i>Blood</i> , 2000 , 96, 4335-4343	2.2	7
82	Applications for Purification and Screening 2000 , 173-194		
81	A Common Signaling Pathway Via Syk and Lyn Tyrosine Kinases Generated From Capping of the Sialomucins CD34 and CD43 in Immature Hematopoietic Cells. <i>Blood</i> , 1999 , 93, 3723-3735	2.2	65
80	In Vitro Hematopoietic and Endothelial Cell Development From Cells Expressing TEK Receptor in Murine Aorta-Gonad-Mesonephros Region. <i>Blood</i> , 1999 , 93, 1549-1556	2.2	72
79	Mice Homozygous for a Truncated Form of CREB-Binding Protein Exhibit Defects in Hematopoiesis and Vasculo-angiogenesis. <i>Blood</i> , 1999 , 93, 2771-2779	2.2	160
78	Commitment and differentiation of osteoclast precursor cells by the sequential expression of c-Fms and receptor activator of nuclear factor kappaB (RANK) receptors. <i>Journal of Experimental Medicine</i> , 1999 , 190, 1741-54	16.6	547
77	Endothelial growth factor receptors in human fetal heart. <i>Circulation</i> , 1999 , 100, 583-6	16.7	50
76	Induction of cell shape changes through activation of the interleukin-3 common beta chain receptor by the RON receptor-type tyrosine kinase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 15766-74	5.4	38
75	Green fluorescent protein as a selectable marker of retrovirally transduced hematopoietic progenitors. <i>Stem Cells</i> , 1999 , 17, 226-32	5.8	12
74	Molecular cloning of cDNA encoding human Rab3D whose expression is upregulated with myeloid differentiation. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999 , 1444, 283-90		9
73	Novel association of the src family kinases, hck and c-fgr, with CCR3 receptor stimulation: A possible mechanism for eotaxin-induced human eosinophil chemotaxis. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 264, 163-70	3.4	45
72	In vitro effects of angiopoietins and VEGF on hematopoietic and endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 264, 133-8	3.4	31
71	A Common Signaling Pathway Via Syk and Lyn Tyrosine Kinases Generated From Capping of the Sialomucins CD34 and CD43 in Immature Hematopoietic Cells. <i>Blood</i> , 1999 , 93, 3723-3735	2.2	3
70	Mice Homozygous for a Truncated Form of CREB-Binding Protein Exhibit Defects in Hematopoiesis and Vasculo-angiogenesis. <i>Blood</i> , 1999 , 93, 2771-2779	2.2	20
69	In Vitro Hematopoietic and Endothelial Cell Development From Cells Expressing TEK Receptor in Murine Aorta-Gonad-Mesonephros Region. <i>Blood</i> , 1999 , 93, 1549-1556	2.2	3
68	Analysis of C-KIT, TIE and HTK expression on leukemic cells using flow cytometry: a preliminary report. <i>Leukemia Research</i> , 1998 , 22, 827-30	2.7	8
67	Tyro 3 receptor tyrosine kinase and its ligand, Gas6, stimulate the function of osteoclasts. <i>Stem Cells</i> , 1998 , 16, 229-38	5.8	69
66	Critical role of the TIE2 endothelial cell receptor in the development of definitive hematopoiesis. <i>Immunity</i> , 1998 , 9, 677-86	32.3	274

65	Bone marrow cell development and trabecular bone dynamics after ovariectomy in ddy mice. <i>Bone</i> , 1998 , 23, 443-51	4-7	50
64	Generation of a monoclonal antibody that induces apoptosis of hematopoietic cells. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 243, 727-31	3-4	
63	Expression and functional analysis of a hemopoietic progenitor antigen, NJ-1 (114/A10), in the megakaryocytic lineage. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 253, 401-6	3-4	4
62	Characterization of TEK receptor tyrosine kinase and its ligands, Angiopoietins, in human hematopoietic progenitor cells. <i>International Immunology</i> , 1998 , 10, 1217-27	4-9	69
61	Overexpression of C-terminal Src kinase homologous kinase suppresses activation of Lyn tyrosine kinase required for VLA5-mediated Dami cell spreading. <i>Journal of Biological Chemistry</i> , 1998 , 273, 10004-10	5-10	32
60	Selective Expression of the Receptor Tyrosine Kinase, HTK, on Human Erythroid Progenitor Cells. <i>Blood</i> , 1997 , 89, 2757-2765	2-2	40
59	Focal Adhesion Kinase Upregulated by Granulocyte-Macrophage Colony-Stimulating Factor But Not by Interleukin-3 in Differentiating Myeloid Cells. <i>Blood</i> , 1997 , 89, 3434-3442	2-2	21
58	Functional characterization of the promoter for the gene encoding murine CD34. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997 , 1350, 141-6		3
57	Translocation of the Csk homologous kinase (Chk/Hyl) controls activity of CD36-anchored Lyn tyrosine kinase in thrombin-stimulated platelets. <i>EMBO Journal</i> , 1997 , 16, 2342-51	13	62
56	Deregulated inflammatory response in mice lacking the STK/RON receptor tyrosine kinase. <i>Genes and Function</i> , 1997 , 1, 69-83		93
55	Lymphohaematopoietic abnormalities and systemic lymphoproliferative disorder in interleukin-2 receptor gamma chain-deficient mice. <i>International Journal of Experimental Pathology</i> , 1997 , 78, 133-48	2-8	18
54	Role of macrophage-stimulating protein and its receptor, RON tyrosine kinase, in ciliary motility. <i>Journal of Clinical Investigation</i> , 1997 , 99, 701-9	15-9	63
53	Expression and Function of Murine Receptor Tyrosine Kinases, TIE and TEK, in Hematopoietic Stem Cells. <i>Blood</i> , 1997 , 89, 4317-4326	2-2	76
52	The receptor tyrosine kinase, Cek8, is transiently expressed on subtypes of motoneurons in the spinal cord during development. <i>Mechanisms of Development</i> , 1996 , 54, 59-69	1-7	93
51	Analysis of CSK homologous kinase (CHK/HYL) in hematopoiesis by utilizing gene knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 224, 172-9	3-4	31
50	Molecular cloning of rat macrophage-stimulating protein and its involvement in the male reproductive system. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 227, 273-80	3-4	19
49	Macrophage-stimulating protein induces proliferation and migration of murine keratinocytes. <i>Experimental Cell Research</i> , 1996 , 226, 39-46	4-2	95
48	The murine stk gene product, a transmembrane protein tyrosine kinase, is a receptor for macrophage-stimulating protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 3933-7	11-5	71

47	Expression of c-kit receptor (CD117) and CD34 in leukemic cells. <i>Leukemia and Lymphoma</i> , 1995 , 16, 297-305	23
46	Focal adhesion kinase is not essential for in vitro and in vivo differentiation of ES cells. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 209, 300-9	3-4 54
45	Soluble c-kit molecule in serum from healthy individuals and patients with haemopoietic disorders. <i>British Journal of Haematology</i> , 1995 , 91, 23-9	4-5 24
44	Transformation into acute basophilic leukaemia in a patient with myelodysplastic syndrome. <i>British Journal of Haematology</i> , 1995 , 89, 650-2	4-5 13
43	Asynchronous expression of c-kit and CD34 on leukemic blasts. <i>British Journal of Haematology</i> , 1993 , 85, 633-5	4-5 1
42	The fetal thymus stores immature hemopoietic cells capable of differentiating into non-T lineage cells constituting the thymus stromal element. <i>International Immunology</i> , 1993 , 5, 1535-40	4-9 8
41	Expression of sialyl-Lewis(x) on CD10-positive normal bone marrow cells. <i>Leukemia Research</i> , 1993 , 17, 389-90	2-7 1
40	Role of C-kit receptor in the diagnosis of leukemia: a relationship between expression of C-kit receptor and that of CD33 in leukemic blasts. <i>Leukemia Research</i> , 1993 , 17, 725-6	2-7 3
39	Megaloblastic anemia associated with psoriasis: case report and review of the literature. <i>Internal Medicine</i> , 1992 , 31, 127-30	1-1 3
38	Two cases of acute myeloid leukemia evolving into a chronic myelomonocytic leukemia-like state after induction therapy. <i>Internal Medicine</i> , 1992 , 31, 214-7	1-1
37	In vitro reconstitution of an erythropoietin gene transcription system using its 5'flanking sequence and a nuclear extract from anemic kidney. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 182, 137-43	3-4 7
36	Suppressive effect of LD78 on the proliferation of human hemopoietic progenitors. <i>Japanese Journal of Cancer Research</i> , 1992 , 83, 499-504	5
35	Expression of the Tn antigen on erythroid cells from a patient with Tn syndrome. <i>Japanese Journal of Human Genetics</i> , 1992 , 37, 271-83	1
34	Expression of CD11B, CD14 and CD36 antigens by B-cell lymphoma. <i>British Journal of Haematology</i> , 1992 , 80, 126-7	4-5 6
33	Hematopoietic factors and hematological diseases. <i>Japanese Journal of Medicine</i> , 1991 , 30, 600-2	1
32	Multipotent and committed CD34+ cells in bone marrow transplantation. <i>Japanese Journal of Cancer Research</i> , 1991 , 82, 547-52	5
31	Generation of B lymphocytes from a single hemopoietic progenitor cell in vitro. <i>International Immunology</i> , 1991 , 3, 703-9	4-9 8
30	Effect of synthesized constituents in the L-tryptophan product on the differentiation of eosinophils and the induction of IL-6: a possible cause of eosinophilia-myalgia syndrome. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 178, 1008-13	3-4 7

29	Stepwise progression of B lineage differentiation supported by interleukin 7 and other stromal cell molecules. <i>Journal of Experimental Medicine</i> , 1990 , 171, 1683-95	16.6	141
28	Structural comparison of murine T-cell (B151K12)-derived T-cell-replacing factor (IL-5) with rIL-5: dimer formation is essential for the expression of biological activity. <i>Molecular Immunology</i> , 1990 , 27, 911-20	4.3	30
27	Cultured human basophils with ultrastructural and ultracytochemical features of mast cells. <i>European Journal of Haematology</i> , 1989 , 42, 81-9	3.8	5
26	Effects of the in vivo administration of recombinant human granulocyte colony-stimulating factor following cytotoxic chemotherapy on granulocytic precursors in patients with malignant lymphoma. <i>Japanese Journal of Cancer Research</i> , 1989 , 80, 577-82		9
25	Treatment of drug-induced agranulocytosis with granulocyte-colony stimulating factor. <i>Lancet, The</i> , 1989 , 2, 55	40	31
24	Confirmation of bone marrow engraftment by detection of M/N blood group antigens on erythroblasts in erythroid bursts. <i>British Journal of Haematology</i> , 1988 , 69, 329-33	4.5	4
23	Difference of cell lineage expression of haematopoietic progenitor cells in Philadelphia-positive acute lymphoblastic leukaemia and chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , 1988 , 70, 21-6	4.5	14
22	Platelet peroxidase-positive blast cells in transient myeloproliferative disorder with Down ²¹ syndrome. <i>British Journal of Haematology</i> , 1988 , 68, 181-7	4.5	24
21	Proliferative effect of human granulocyte colony-stimulating factor on blast cells of acute promyelocytic leukemia. <i>Japanese Journal of Cancer Research</i> , 1988 , 79, 843-9		5
20	Establishment of megakaryoblastic cell lines by coinfection of Abelson murine leukemia virus and recombinant SV40-retrovirus. <i>Japanese Journal of Cancer Research</i> , 1988 , 79, 726-33		7
19	Purified interleukin 5 supports the terminal differentiation and proliferation of murine eosinophilic precursors. <i>Journal of Experimental Medicine</i> , 1988 , 167, 43-56	16.6	457
18	Nude mice bearing human CSF-producing tumor: analysis of hemopoietic factor(s) acting on primitive stem cells. <i>Cell Structure and Function</i> , 1987 , 12, 273-80	2.2	1
17	Megakaryocytopoiesis in vitro of the patients with essential thrombocythemia. <i>Keio Journal of Medicine</i> , 1987 , 36, 86-8	1.6	
16	Myeloid and erythroid lineage expression of haemopoietic progenitors derived from an abnormal clone in erythroleukaemia. <i>British Journal of Haematology</i> , 1986 , 64, 647-56	4.5	5
15	Multilineage expression of haemopoietic precursors with an abnormal clone in idiopathic myelofibrosis. <i>British Journal of Haematology</i> , 1986 , 64, 657-67	4.5	23
14	Megakaryocytopoiesis in vitro of patients with essential thrombocythaemia: effect of plasma and serum on megakaryocytic colony formation. <i>British Journal of Haematology</i> , 1986 , 64, 241-52	4.5	39
13	A recombinant murine granulocyte/macrophage (GM) colony-stimulating factor derived from an inducer T cell line (IH5.5). Functional restriction to GM progenitor cells. <i>Journal of Experimental Medicine</i> , 1986 , 164, 1102-13	16.6	15
12	Proliferation and differentiation in culture of mast cell progenitors derived from mast cell-deficient mice of genotype W/W ^v . <i>Journal of Cellular Physiology</i> , 1985 , 122, 187-92	7	39

11	Permissive role of interleukin 3 (IL-3) in proliferation and differentiation of multipotential hemopoietic progenitors in culture. <i>Journal of Cellular Physiology</i> , 1985 , 124, 182-90	7	143
10	Analysis of pure and mixed murine mast cell colonies. <i>Journal of Cellular Physiology</i> , 1984 , 120, 1-12	7	17
9	Disparate differentiation in mouse hemopoietic colonies derived from paired progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984 , 81, 2520-4	11.5	183
8	Single-cell origin of mouse hemopoietic colonies expressing multiple lineages in variable combinations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983 , 80, 6689-93	11.5	154
7	A CASE OF POLYMYOSITIS ASSOCIATED WITH APLASTIC ANEMIA. <i>The Journal of the Japanese Society of Internal Medicine</i> , 1983 , 72, 1762-1766	0	
6	Erythroid and granulocyte/macrophage progenitor cells in primary acquired sideroblastic anemia. <i>International Journal of Cell Cloning</i> , 1983 , 1, 15-23		11
5	Effects of prostaglandin E on the proliferation and differentiation of leukemic progenitor cells in acute nonlymphocytic leukemia. <i>International Journal of Cell Cloning</i> , 1983 , 1, 440-50		1
4	Retropharyngeal neuroblastoma causing airway obstruction in a newborn--survival with surgical treatment alone. <i>Journal of Pediatric Surgery</i> , 1982 , 17, 180-1	2.6	10
3	Characterization of hemopoietic precursor cells in juvenile-type chronic myelocytic leukemia. <i>Leukemia Research</i> , 1982 , 6, 43-53	2.7	17
2	The letter by Drs Morris and Vincent was shown to Drs D. Linch and J. Cawley and to Drs T. Suda, Y. Miura and F. Takaku, who reply as follows.. <i>British Journal of Haematology</i> , 1982 , 50, 708-709	4.5	
1	Suppression of in vitro granulocyte-macrophage colony formation by the peripheral mononuclear phagocytic cells of patients with idiopathic aplastic anaemia. <i>British Journal of Haematology</i> , 1981 , 47, 433-42	4.5	13