Mariusz Z Ratajczak

List of Publications by Citations

481 papers	25,771 citations	78 h-index	145 g-index
545 ext. papers	28,021 ext. citations	5.3 avg, IF	7.05 L-index

#	Paper	IF	Citations
481	Embryonic stem cell-derived microvesicles reprogram hematopoietic progenitors: evidence for horizontal transfer of mRNA and protein delivery. *Leukemia*, **2006**, 20, 847-56	10.7	1145
480	Membrane-derived microvesicles: important and underappreciated mediators of cell-to-cell communication. *Leukemia*, **2006**, 20, 1487-95	10.7	1037
479	Mobilization of bone marrow-derived Oct-4+ SSEA-4+ very small embryonic-like stem cells in patients with acute myocardial infarction. *Journal of the American College of Cardiology*, **2009**, 53, 1-9	15.1	710
478	Trafficking of normal stem cells and metastasis of cancer stem cells involve similar mechanisms: pivotal role of the SDF-1-CXCR4 axis. *Stem Cells*, **2005**, 23, 879-94	5.8	647
477	Microvesicles derived from activated platelets induce metastasis and angiogenesis in lung cancer. *International Journal of Cancer*, **2005**, 113, 752-60	7.5	576
476	A population of very small embryonic-like (VSEL) CXCR4(+)SSEA-1(+)Oct-4+ stem cells identified in adult bone marrow. *Leukemia*, **2006**, 20, 857-69	10.7	565
475	Migration of bone marrow and cord blood mesenchymal stem cells in vitro is regulated by stromal-derived factor-1-CXCR4 and hepatocyte growth factor-c-met axes and involves matrix metalloproteinases. *Stem Cells*, **2006**, 24, 1254-64	5.8	544
474	CXCR4-SDF-1 signalling, locomotion, chemotaxis and adhesion. *Journal of Molecular Histology*, **2004**, 35, 233-45	3.3	527
473	Numerous growth factors, cytokines, and chemokines are secreted by human CD34(+) cells, myeloblasts, erythroblasts, and megakaryoblasts and regulate normal hematopoiesis in an autocrine/paracrine manner. *Blood*, **2001**, 97, 3075-85	2.2	421
472	Mobilization of CD34/CXCR4+, CD34/CD117+, c-met+ stem cells, and mononuclear cells expressing early cardiac, muscle, and endothelial markers into peripheral blood in patients with acute myocardial infarction. *Circulation*, **2004**, 110, 3213-20	16.7	381
471	Intracoronary infusion of bone marrow-derived selected CD34+CXCR4+ cells and non-selected mononuclear cells in patients with acute STEMI and reduced left ventricular ejection fraction: results of randomized, multicentre Myocardial Regeneration by Intracoronary Infusion of Selected Population of Stem Cells in Acute Myocardial Infarction (REGENT) Trial. *European Heart Journal*,	9.5	355
470	The pleiotropic effects of the SDF-1-CXCR4 axis in organogenesis, regeneration and tumorigenesis. *Leukemia*, **2006**, 20, 1915-24	10.7	354
469	STK-1, the human homolog of Flk-2/Flt-3, is selectively expressed in CD34+ human bone marrow cells and is involved in the proliferation of early progenitor/stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 459-63	11.5	350
468	Morphological and molecular characterization of novel population of CXCR4+ SSEA-4+ Oct-4+ very small embryonic-like cells purified from human cord blood: preliminary report. *Leukemia*, **2007**, 21, 297-303	10.7	316
467	Tumour-derived microvesicles carry several surface determinants and mRNA of tumour cells and transfer some of these determinants to monocytes. *Cancer Immunology, Immunotherapy*, **2006**, 55, 808-18	7.4	300
466	In vivo treatment of human leukemia in a scid mouse model with c-myb antisense oligodeoxynucleotides. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 11823-7	11.5	293
465	Cells expressing early cardiac markers reside in the bone marrow and are mobilized into the peripheral blood after myocardial infarction. *Circulation Research*, **2004**, 95, 1191-9	15.7	287

464	Stem cell plasticity revisited: CXCR4-positive cells expressing mRNA for early muscle, liver and neural cells 'hide out' in the bone marrow. *Leukemia*, **2004**, 18, 29-40	10.7	286
463	CXCR4-SDF-1 signaling is active in rhabdomyosarcoma cells and regulates locomotion, chemotaxis, and adhesion. *Blood*, **2002**, 100, 2597-606	2.2	271
462	Platelet-derived microparticles bind to hematopoietic stem/progenitor cells and enhance their engraftment. *Blood*, **2001**, 98, 3143-9	2.2	269
461	Platelet-derived microparticles stimulate proliferation, survival, adhesion, and chemotaxis of hematopoietic cells. *Experimental Hematology*, **2002**, 30, 450-9	3.1	251
460	Pivotal role of paracrine effects in stem cell therapies in regenerative medicine: can we translate stem cell-secreted paracrine factors and microvesicles into better therapeutic strategies?. *Leukemia*, **2012**, 26, 1166-73	10.7	225
459	Platelet- and megakaryocyte-derived microparticles transfer CXCR4 receptor to CXCR4-null cells and make them susceptible to infection by X4-HIV. *Aids*, **2003**, 17, 33-42	3.5	224
458	Nucleic Acid Therapeutics: State of the Art and Future Prospects. *Blood*, **1998**, 92, 712-736	2.2	216
457	Novel insight into stem cell mobilization-plasma sphingosine-1-phosphate is a major chemoattractant that directs the egress of hematopoietic stem progenitor cells from the bone marrow and its level in peripheral blood increases during mobilization due to activation of	10.7	211
456	Expression of functional CXCR4 by muscle satellite cells and secretion of SDF-1 by muscle-derived fibroblasts is associated with the presence of both muscle progenitors in bone marrow and hematopoietic stem/progenitor cells in muscles. *Stem Cells*, **2003**, 21, 363-71	5.8	208
455	Incorporation of CXCR4 into membrane lipid rafts primes homing-related responses of hematopoietic stem/progenitor cells to an SDF-1 gradient. *Blood*, **2005**, 105, 40-8	2.2	201
454	Functional receptor for C3a anaphylatoxin is expressed by normal hematopoietic stem/progenitor cells, and C3a enhances their homing-related responses to SDF-1. *Blood*, **2003**, 101, 3784-93	2.2	199
453	The SDF-1-CXCR4 axis stimulates VEGF secretion and activates integrins but does not affect proliferation and survival in lymphohematopoietic cells. *Stem Cells*, **2001**, 19, 453-66	5.8	191
452	Tissue-specific muscle, neural and liver stem/progenitor cells reside in the bone marrow, respond to an SDF-1 gradient and are mobilized into peripheral blood during stress and tissue injury. *Blood Cells, Molecules, and Diseases*, **2004**, 32, 52-7	2.1	183
451	A hypothesis for an embryonic origin of pluripotent Oct-4(+) stem cells in adult bone marrow and other tissues. *Leukemia*, **2007**, 21, 860-7	10.7	176
450	Clinical evidence that very small embryonic-like stem cells are mobilized into peripheral blood in patients after stroke. *Stroke*, **2009**, 40, 1237-44	6.7	173
449	Lung cancer secreted microvesicles: underappreciated modulators of microenvironment in expanding tumors. *International Journal of Cancer*, **2009**, 125, 1595-603	7.5	169
448	Bone marrow as a home of heterogenous populations of nonhematopoietic stem cells. *Leukemia*, **2005**, 19, 1118-27	10.7	158
447	S1P promotes murine progenitor cell egress and mobilization via S1P1-mediated ROS signaling and SDF-1 release. *Blood*, **2012**, 119, 2478-88	2.2	156

446	Mobilization studies in mice deficient in either C3 or C3a receptor (C3aR) reveal a novel role for complement in retention of hematopoietic stem/progenitor cells in bone marrow. *Blood*, **2004**, 103, 2071-8	2.2	154
445	Differential MMP and TIMP production by human marrow and peripheral blood CD34(+) cells in response to chemokines. *Experimental Hematology*, **2000**, 28, 1274-85	3.1	152
444	Novel epigenetic mechanisms that control pluripotency and quiescence of adult bone marrow-derived Oct4(+) very small embryonic-like stem cells. *Leukemia*, **2009**, 23, 2042-51	10.7	138
443	Both hepatocyte growth factor (HGF) and stromal-derived factor-1 regulate the metastatic behavior of human rhabdomyosarcoma cells, but only HGF enhances their resistance to radiochemotherapy. *Cancer Research*, **2003**, 63, 7926-35	10.1	138
442	Exosomes: an overview of biogenesis, composition and role in ovarian cancer. *Journal of Ovarian Research*, **2014**, 7, 14	5.5	137
441	Bone marrow as a source of circulating CXCR4+ tissue-committed stem cells. *Biology of the Cell*, **2005**, 97, 133-46	3.5	136
440	Enhancing effect of platelet-derived microvesicles on the invasive potential of breast cancer cells. *Transfusion*, **2006**, 46, 1199-209	2.9	134
439	Stromal-derived factor 1 and thrombopoietin regulate distinct aspects of human megakaryopoiesis. *Blood*, **2000**, 96, 4142-4151	2.2	128
438	Cells enriched in markers of neural tissue-committed stem cells reside in the bone marrow and are mobilized into the peripheral blood following stroke. *Leukemia*, **2006**, 20, 18-28	10.7	121
437	Transplantation of bone marrow-derived very small embryonic-like stem cells attenuates left ventricular dysfunction and remodeling after myocardial infarction. *Stem Cells*, **2008**, 26, 1646-55	5.8	120
436	Role of the KIT protooncogene in normal and malignant human hematopoiesis. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 1710-4	11.5	119
435	Stromal cell□derived factor-1 and macrophage-derived chemokine: 2 chemokines that activate platelets. *Blood*, **2000**, 96, 50-57	2.2	118
434	Megakaryocyte precursors, megakaryocytes and platelets express the HIV co-receptor CXCR4 on their surface: determination of response to stromal-derived factor-1 by megakaryocytes and platelets. *British Journal of Haematology*, **1999**, 104, 220-9	4.5	116
433	Impaired mobilization of hematopoietic stem/progenitor cells in C5-deficient mice supports the pivotal involvement of innate immunity in this process and reveals novel promobilization effects of granulocytes. *Leukemia*, **2009**, 23, 2052-62	10.7	115
432	Evidence that very small embryonic-like stem cells are mobilized into peripheral blood. *Stem Cells*, **2008**, 26, 2083-92	5.8	114
431	SDF-1 Responsiveness Does Not Correlate With CXCR4 Expression Levels of Developing Human Bone Marrow B Cells. *Blood*, **1999**, 94, 2990-2998	2.2	109
430	Horizontal transfer of RNA and proteins between cells by extracellular microvesicles: 14□years later. *Clinical and Translational Medicine*, **2016**, 5, 7	5.7	104
429	SARS-CoV-2 infection and overactivation of Nlrp3 inflammasome as a trigger of cytokine "storm" and risk factor for damage of hematopoietic stem cells. *Leukemia*, **2020**, 34, 1726-1729	10.7	102

428	Conditioning for hematopoietic transplantation activates the complement cascade and induces a proteolytic environment in bone marrow: a novel role for bioactive lipids and soluble C5b-C9 as homing factors. *Leukemia*, **2012**, 26, 106-16	10.7	102
427	Very small embryonic-like stem cells: characterization, developmental origin, and biological significance. *Experimental Hematology*, **2008**, 36, 742-51	3.1	100
426	Very small embryonic-like stem cells are present in adult murine organs: ImageStream-based morphological analysis and distribution studies. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73A, 1116-27	4.6	99
425	Adult murine bone marrow-derived very small embryonic-like stem cells differentiate into the hematopoietic lineage after coculture over OP9 stromal cells. *Experimental Hematology*, **2011**, 39, 225-37	3.1	97
424	The role of stromal-derived factor-1--CXCR7 axis in development and cancer. *European Journal of Pharmacology*, **2009**, 625, 31-40	5.3	96
423	Identification of very small embryonic like (VSEL) stem cells in bone marrow. *Cell and Tissue Research*, **2008**, 331, 125-34	4.2	95
422	A novel perspective on stem cell homing and mobilization: review on bioactive lipids as potent chemoattractants and cationic peptides as underappreciated modulators of responsiveness to SDF-1 gradients. *Leukemia*, **2012**, 26, 63-72	10.7	94
421	Autocrine/paracrine mechanisms in human hematopoiesis. *Stem Cells*, **2001**, 19, 99-107	5.8	92
420	Macrophage migration inhibitory factor is secreted by rhabdomyosarcoma cells, modulates tumor metastasis by binding to CXCR4 and CXCR7 receptors and inhibits recruitment of cancer-associated fibroblasts. *Molecular Cancer Research*, **2010**, 8, 1328-43	6.6	91
419	A novel view of the adult bone marrow stem cell hierarchy and stem cell trafficking. *Leukemia*, **2015**, 29, 776-82	10.7	90
418	Innate immunity as orchestrator of stem cell mobilization. *Leukemia*, **2010**, 24, 1667-75	10.7	90
417	Molecular signature of adult bone marrow-purified very small embryonic-like stem cells supports their developmental epiblast/germ line origin. *Leukemia*, **2010**, 24, 1450-61	10.7	88
416	TNF-alpha is critical to facilitate hemopoietic stem cell engraftment and function. *Journal of Immunology*, **2008**, 180, 49-57	5.3	87
415	Very small embryonic-like (VSEL) stem cells: purification from adult organs, characterization, and biological significance. *Stem Cell Reviews and Reports*, **2008**, 4, 89-99	6.4	87
414	Morphological characterization of very small embryonic-like stem cells (VSELs) by ImageStream system analysis. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 292-303	5.6	85
413	Transplantation studies in C3-deficient animals reveal a novel role of the third complement component (C3) in engraftment of bone marrow cells. *Leukemia*, **2004**, 18, 1482-90	10.7	85
412	"Small stem cells" in adult tissues: very small embryonic-like stem cells stand up!. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2009**, 75, 4-13	4.6	83
411	The role of insulin (INS) and insulin-like growth factor-I (IGF-I) in regulating human erythropoiesis. Studies in vitro under serum-free conditions--comparison to other cytokines and growth factors. *Leukemia*, **1998**, 12, 371-81	10.7	83

410	Overlapping and distinct role of CXCR7-SDF-1/ITAC and CXCR4-SDF-1 axes in regulating metastatic behavior of human rhabdomyosarcomas. *International Journal of Cancer*, **2010**, 127, 2554-68	7.5	82
409	Coreceptor/Chemokine Receptor Expression on Human Hematopoietic Cells: Biological Implications for Human Immunodeficiency Virus Type 1 Infection. *Blood*, **1999**, 93, 1145-1156	2.2	82
408	Prospective identification and skeletal localization of cells capable of multilineage differentiation in vivo. *Stem Cells and Development*, **2010**, 19, 1557-70	4.4	81
407	Are bone marrow stem cells plastic or heterogenous--that is the question. *Experimental Hematology* , **2005**, 33, 613-23	3.1	81
406	The ImageStream System: a key step to a new era in imaging. *Folia Histochemica Et Cytobiologica*, **2007**, 45, 279-90	1.4	81
405	Leukemia inhibitory factor: a newly identified metastatic factor in rhabdomyosarcomas. *Cancer Research*, **2007**, 67, 2131-40	10.1	80
404	Very small embryonic-like (VSEL) stem cells in adult organs and their potential role in rejuvenation of tissues and longevity. *Experimental Gerontology*, **2008**, 43, 1009-17	4.5	79
403	Hunt for pluripotent stem cell -- regenerative medicine search for almighty cell. *Journal of Autoimmunity*, **2008**, 30, 151-62	15.5	78
402	A Novel View of the Adult Stem Cell Compartment From the Perspective of a Quiescent Population of Very Small Embryonic-Like Stem Cells. *Circulation Research*, **2017**, 120, 166-178	15.7	77
401	Mouse fibroblasts lacking RB1 function form spheres and undergo reprogramming to a cancer stem cell phenotype. *Cell Stem Cell*, **2009**, 4, 336-47	18	77
400	Mobilization of CD34(+), CD117(+), CXCR4(+), c-met(+) stem cells is correlated with left ventricular ejection fraction and plasma NT-proBNP levels in patients with acute myocardial infarction. *European Heart Journal*, **2006**, 27, 283-9	9.5	76
399	Stem cells, including a population of very small embryonic-like stem cells, are mobilized into peripheral blood in patients after skin burn injury. *Stem Cell Reviews and Reports*, **2012**, 8, 184-94	6.4	75
398	Very small embryonic-like stem cells (VSELs) represent a real challenge in stem cell biology: recent pros and cons in the midst of a lively debate. *Leukemia*, **2014**, 28, 473-84	10.7	74
397	Role of vascular endothelial growth factor (VEGF) and placenta-derived growth factor (PlGF) in regulating human haemopoietic cell growth. *British Journal of Haematology*, **1998**, 103, 969-79	4.5	74
396	Ceramide-1-phosphate regulates migration of multipotent stromal cells and endothelial progenitor cells--implications for tissue regeneration. *Stem Cells*, **2013**, 31, 500-10	5.8	73
395	CXCR7: a new SDF-1-binding receptor in contrast to normal CD34(+) progenitors is functional and is expressed at higher level in human malignant hematopoietic cells. *European Journal of Haematology*, **2010**, 85, 472-83	3.8	73
394	The migration of bone marrow-derived non-hematopoietic tissue-committed stem cells is regulated in an SDF-1-, HGF-, and LIF-dependent manner. *Archivum Immunologiae Et Therapiae Experimentalis*, **2006**, 54, 121-35	4	73
393	Retinal pigment epithelium damage enhances expression of chemoattractants and migration of bone marrow-derived stem cells. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 1646-52		73

392	Human hematopoietic stem/progenitor-enriched CD34(+) cells are mobilized into peripheral blood during stress related to ischemic stroke or acute myocardial infarction. *European Journal of Haematology*, **2005**, 75, 461-7	3.8	73
391	Regulation of expression of stromal-derived factor-1 receptors: CXCR4 and CXCR7 in human rhabdomyosarcomas. *Molecular Cancer Research*, **2010**, 8, 1-14	6.6	72
390	Strategies to enhance umbilical cord blood stem cell engraftment in adult patients. *Expert Review of Hematology*, **2010**, 3, 273-83	2.8	72
389	Myb and Ets Proteins Are Candidate Regulators of c-kit Expression in Human Hematopoietic Cells. *Blood*, **1998**, 91, 1934-1946	2.2	72
388	Modulation of the SDF-1-CXCR4 axis by the third complement component (C3)--implications for trafficking of CXCR4+ stem cells. *Experimental Hematology*, **2006**, 34, 986-95	3.1	71
387	Biologic and therapeutic significance of MYB expression in human melanoma. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 4499-503	11.5	71
386	Bcr-abl-positive cells secrete angiogenic factors including matrix metalloproteinases and stimulate angiogenesis in vivo in Matrigel implants. *Leukemia*, **2002**, 16, 1160-6	10.7	69
385	Emerging Strategies to Enhance Homing and Engraftment of Hematopoietic Stem Cells. *Stem Cell Reviews and Reports*, **2016**, 12, 121-8	6.4	67
384	Withaferin a alone and in combination with cisplatin suppresses growth and metastasis of ovarian cancer by targeting putative cancer stem cells. *PLoS ONE*, **2014**, 9, e107596	3.7	67
383	Defective engraftment of C3aR-/- hematopoietic stem progenitor cells shows a novel role of the C3a-C3aR axis in bone marrow homing. *Leukemia*, **2009**, 23, 1455-61	10.7	65
382	Bone marrow-derived pluripotent very small embryonic-like stem cells (VSELs) are mobilized after acute myocardial infarction. *Journal of Molecular and Cellular Cardiology*, **2008**, 44, 865-73	5.8	65
381	Oligodeoxynucleotide-mediated inhibition of c-myb gene expression in autografted bone marrow: a pilot study. *Blood*, **2002**, 99, 1150-8	2.2	65
380	Mobilization studies in complement-deficient mice reveal that optimal AMD3100 mobilization of hematopoietic stem cells depends on complement cascade activation by AMD3100-stimulated granulocytes. *Leukemia*, **2010**, 24, 573-82	10.7	64
379	Transplantation of expanded bone marrow-derived very small embryonic-like stem cells (VSEL-SCs) improves left ventricular function and remodelling after myocardial infarction. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 1319-28	5.6	63
378	The bone marrow-expressed antimicrobial cationic peptide LL-37 enhances the responsiveness of hematopoietic stem progenitor cells to an SDF-1 gradient and accelerates their engraftment after transplantation. *Leukemia*, **2012**, 26, 736-45	10.7	63
377	An intricate Web: chemokine receptors, HIV-1 and hematopoiesis. *Stem Cells*, **1998**, 16, 79-88	5.8	63
376	Binding of stromal derived factor-1alpha (SDF-1alpha) to CXCR4 chemokine receptor in normal human megakaryoblasts but not in platelets induces phosphorylation of mitogen-activated protein kinase p42/44 (MAPK), ELK-1 transcription factor and serine/threonine kinase AKT. *European Journal of Haematology*, **2000**, 64, 164-72	3.8	62
375	SARS-CoV-2 Entry Receptor ACE2 Is Expressed on Very Small CD45 Precursors of Hematopoietic and Endothelial Cells and in Response to Virus Spike Protein Activates the Nlrp3 Inflammasome. *Stem Cell Reviews and Reports*, **2021**, 17, 266-277	7.3	62

374	Epiblast/germ line hypothesis of cancer development revisited: lesson from the presence of Oct-4+ cells in adult tissues. *Stem Cell Reviews and Reports*, **2010**, 6, 307-16	6.4	61
373	Thrombopoietin, but not cytokines binding to gp130 protein-coupled receptors, activates MAPKp42/44, AKT, and STAT proteins in normal human CD34+ cells, megakaryocytes, and platelets. *Experimental Hematology*, **2002**, 30, 751-60	3.1	61
372	Novel evidence that crosstalk between the complement, coagulation and fibrinolysis proteolytic cascades is involved in mobilization of hematopoietic stem/progenitor cells (HSPCs). *Leukemia*, **2014**, 28, 2148-54	10.7	60
371	Very Small Embryonic-Like Stem Cells (VSELs). *Circulation Research*, **2019**, 124, 208-210	15.7	59
370	Fifth complement cascade protein (C5) cleavage fragments disrupt the SDF-1/CXCR4 axis: further evidence that innate immunity orchestrates the mobilization of hematopoietic stem/progenitor cells. *Experimental Hematology*, **2010**, 38, 321-32	3.1	59
369	Daily Onset of Light and Darkness Differentially Controls Hematopoietic Stem Cell Differentiation and Maintenance. *Cell Stem Cell*, **2018**, 23, 572-585.e7	18	59
368	Paracrine proangiopoietic effects of human umbilical cord blood-derived purified CD133+ cells--implications for stem cell therapies in regenerative medicine. *Stem Cells and Development*, **2013**, 22, 422-30	4.4	58
367	Various types of stem cells, including a population of very small embryonic-like stem cells, are mobilized into peripheral blood in patients with Crohn's disease. *Inflammatory Bowel Diseases*, **2012**, 18, 1711-22	4.5	58
366	Bioactive lipids S1P and C1P are prometastatic factors in human rhabdomyosarcoma, and their tissue levels increase in response to radio/chemotherapy. *Molecular Cancer Research*, **2013**, 11, 793-807	6.6	58
365	Igf2-H19, an imprinted tandem gene, is an important regulator of embryonic development, a guardian of proliferation of adult pluripotent stem cells, a regulator of longevity, and a 'passkey' to cancerogenesis. *Folia Histochemica Et Cytobiologica*, **2012**, 50, 171-9	1.4	57
364	Rhabdomyosarcoma cells show an energy producing anabolic metabolic phenotype compared with primary myocytes. *Molecular Cancer*, **2008**, 7, 79	42.1	56
363	Heterogeneous populations of bone marrow stem cells--are we spotting on the same cells from the different angles?. *Folia Histochemica Et Cytobiologica*, **2004**, 42, 139-46	1.4	56
362	Hematopoietic stem/progenitor cells express several functional sex hormone receptors-novel evidence for a potential developmental link between hematopoiesis and primordial germ cells. *Stem Cells and Development*, **2015**, 24, 927-37	4.4	55
361	Global gene expression analysis of very small embryonic-like stem cells reveals that the Ezh2-dependent bivalent domain mechanism contributes to their pluripotent state. *Stem Cells and Development*, **2012**, 21, 1639-52	4.4	55
360	A novel role of complement in mobilization: immunodeficient mice are poor granulocyte-colony stimulating factor mobilizers because they lack complement-activating immunoglobulins. *Stem Cells*, **2007**, 25, 3093-100	5.8	55
359	CCR5-binding chemokines modulate CXCL12 (SDF-1)-induced responses of progenitor B cells in human bone marrow through heterologous desensitization of the CXCR4 chemokine receptor. *Blood*, **2002**, 100, 2321-9	2.2	55
358	Membrane lipid rafts, master regulators of hematopoietic stem cell retention in bone marrow and their trafficking. *Leukemia*, **2015**, 29, 1452-7	10.7	54
357	Sirt1 Regulates DNA Methylation and Differentiation Potential of Embryonic Stem Cells by Antagonizing Dnmt3l. *Cell Reports*, **2017**, 18, 1930-1945	10.6	53

356	Hematopoietic differentiation of umbilical cord blood-derived very small embryonic/epiblast-like stem cells. *Leukemia*, **2011**, 25, 1278-85	10.7	53
355	Optimization of isolation and further characterization of umbilical-cord-blood-derived very small embryonic/ epiblast-like stem cells (VSELs). *European Journal of Haematology*, **2010**, 84, 34-46	3.8	53
354	Extracellular microvesicles/exosomes: discovery, disbelief, acceptance, and the future?. *Leukemia*, **2020**, 34, 3126-3135	10.7	53
353	The ins and outs of hematopoietic stem cells: studies to improve transplantation outcomes. *Stem Cell Reviews and Reports*, **2011**, 7, 590-607	6.4	52
352	Role of p53 in Hematopoietic Recovery After Cytotoxic Treatment. *Blood*, **1998**, 91, 2998-3006	2.2	52
351	An intensified systemic trafficking of bone marrow-derived stem/progenitor cells in patients with pancreatic cancer. *Journal of Cellular and Molecular Medicine*, **2013**, 17, 792-9	5.6	51
350	Recombinant human thrombopoietin (TPO) stimulates erythropoiesis by inhibiting erythroid progenitor cell apoptosis. *British Journal of Haematology*, **1997**, 98, 8-17	4.5	51
349	Phenotypic and functional characterization of hematopoietic stem cells. *Current Opinion in Hematology*, **2008**, 15, 293-300	3.3	51
348	Molecular characterization of isolated from murine adult tissues very small embryonic/epiblast like stem cells (VSELs). *Molecules and Cells*, **2010**, 29, 533-8	3.5	50
347	CD34+, kit+, rhodamine123(low) phenotype identifies a marrow cell population highly enriched for human hematopoietic stem cells. *Leukemia*, **1998**, 12, 942-50	10.7	50
346	Very small embryonic/epiblast-like stem cells (VSELs) and their potential role in aging and organ rejuvenation--an update and comparison to other primitive small stem cells isolated from adult tissues. *Aging*, **2012**, 4, 235-46	5.6	50
345	The role of sphingosine-1 phosphate and ceramide-1 phosphate in trafficking of normal stem cells and cancer cells. *Expert Opinion on Therapeutic Targets*, **2014**, 18, 95-107	6.4	49
344	Bone marrow CD34(+) cells and megakaryoblasts secrete beta-chemokines that block infection of hematopoietic cells by M-tropic R5 HIV. *Journal of Clinical Investigation*, **1999**, 104, 1739-49	15.9	49
343	Bioactive lipids and cationic antimicrobial peptides as new potential regulators for trafficking of bone marrow-derived stem cells in patients with acute myocardial infarction. *Stem Cells and Development*, **2013**, 22, 1645-56	4.4	47
342	The role of pluripotent embryonic-like stem cells residing in adult tissues in regeneration and longevity. *Differentiation*, **2011**, 81, 153-61	3.5	47
341	Higher number of stem cells in the bone marrow of circulating low Igf-1 level Laron dwarf mice--novel view on Igf-1, stem cells and aging. *Leukemia*, **2011**, 25, 729-33	10.7	46
340	Beta-glucan enhances complement-mediated hematopoietic recovery after bone marrow injury. *Blood*, **2006**, 107, 835-40	2.2	46
339	Biological significance of MAPK, AKT and JAK-STAT protein activation by various erythropoietic factors in normal human early erythroid cells. *British Journal of Haematology*, **2001**, 115, 195-204	4.5	46

338	Growth factor-dependent inhibition of normal hematopoiesis by N-ras antisense oligodeoxynucleotides. *Journal of Experimental Medicine*, **1992**, 175, 743-50	16.6	46
337	Endurance Exercise Mobilizes Developmentally Early Stem Cells into Peripheral Blood and Increases Their Number in Bone Marrow: Implications for Tissue Regeneration. *Stem Cells International*, **2016**, 2016, 5756901	5	46
336	Circulating progenitor cells in stable coronary heart disease and acute coronary syndromes: relevant reparatory mechanism?. *Heart*, **2008**, 94, 27-33	5.1	45
335	Complement C3a enhances CXCL12 (SDF-1)-mediated chemotaxis of bone marrow hematopoietic cells independently of C3a receptor. *Journal of Immunology*, **2005**, 175, 3698-706	5.3	45
334	The negative effect of prolonged somatotrophic/insulin signaling on an adult bone marrow-residing population of pluripotent very small embryonic-like stem cells (VSELs). *Age*, **2013**, 35, 315-30		44
333	Pluripotent and multipotent stem cells in adult tissues. *Advances in Medical Sciences*, **2012**, 57, 1-17	2.8	44
332	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. *Molecular Psychiatry*, **2021**, 26, 1044-1059	15.1	44
331	Identification of heme oxygenase 1 (HO-1) as a novel negative regulator of mobilization of hematopoietic stem/progenitor cells. *Stem Cell Reviews and Reports*, **2015**, 11, 110-8	6.4	43
330	Investigating the platelet-sparing mechanism of paclitaxel/carboplatin combination chemotherapy. *Blood*, **2001**, 97, 638-44	2.2	43
329	Bone marrow-derived very small embryonic-like stem cells: their developmental origin and biological significance. *Developmental Dynamics*, **2007**, 236, 3309-20	2.9	42
328	New advances in stem cell research: practical implications for regenerative medicine. *Polish Archives of Internal Medicine*, **2014**, 124, 417-26	1.9	42
327	Very small embryonic-like stem cells in adult tissues-potential implications for aging. *Mechanisms of Ageing and Development*, **2009**, 130, 58-66	5.6	41
326	The Nlrp3 inflammasome as a "rising star" in studies of normal and malignant hematopoiesis. *Leukemia*, **2020**, 34, 1512-1523	10.7	40
325	Very small embryonic/epiblast-like stem cells: a missing link to support the germ line hypothesis of cancer development?. *American Journal of Pathology*, **2009**, 174, 1985-92	5.8	40
324	Cleavage fragments of the third complement component (C3) enhance stromal derived factor-1 (SDF-1)-mediated platelet production during reactive postbleeding thrombocytosis. *Leukemia*, **2007**, 21, 973-82	10.7	40
323	Bone-marrow-derived stem cells--our key to longevity?. *Journal of Applied Genetics*, **2007**, 48, 307-19	2.5	40
322	Matrix metalloproteinase and tissue inhibitors of metalloproteinase secretion by haematopoietic and stromal precursors and their production in normal and leukaemic long-term marrow cultures. *British Journal of Haematology*, **2001**, 115, 595-604	4.5	40
321	SDF-1 Responsiveness Does Not Correlate With CXCR4 Expression Levels of Developing Human Bone Marrow B Cells. *Blood*, **1999**, 94, 2990-2998	2.2	40

320	Human haematopoietic stem/progenitor cells express several functional sex hormone receptors. *Journal of Cellular and Molecular Medicine*, **2016**, 20, 134-46	5.6	39
319	A multi-instrumental approach to identify and purify very small embryonic like stem cells (VSELs) from adult tissues. *Micron*, **2009**, 40, 386-93	2.3	39
318	Evidence of mobilization of pluripotent stem cells into peripheral blood of patients with myocardial ischemia. *Experimental Hematology*, **2010**, 38, 1131-1142.e1	3.1	39
317	Induction of a tumor-metastasis-receptive microenvironment as an unwanted and underestimated side effect of treatment by chemotherapy or radiotherapy. *Journal of Ovarian Research*, **2013**, 6, 95	5.5	38
316	A novel insight into aging: are there pluripotent very small embryonic-like stem cells (VSELs) in adult tissues overtime depleted in an Igf-1-dependent manner?. *Aging*, **2010**, 2, 875-83	5.6	38
315	Circulating CXCR4-positive stem/progenitor cells compete for SDF-1-positive niches in bone marrow, muscle and neural tissues: an alternative hypothesis to stem cell plasticity. *Folia Histochemica Et Cytobiologica*, **2003**, 41, 13-21	1.4	38
314	Extracellular nucleotides as novel, underappreciated pro-metastatic factors that stimulate purinergic signaling in human lung cancer cells. *Molecular Cancer*, **2015**, 14, 201	42.1	37
313	Overview of very small embryonic-like stem cells (VSELs) and methodology of their identification and isolation by flow cytometric methods. *Current Protocols in Cytometry*, **2010**, Chapter 9, Unit9.29	3.6	37
312	Effect of stem cell mobilization with cyclophosphamide plus granulocyte colony-stimulating factor on morphology of haematopoietic organs in mice. *Cell Proliferation*, **2005**, 38, 47-61	7.9	37
311	A reappraisal of the role of insulin-like growth factor I in the regulation of human hematopoiesis. *Journal of Clinical Investigation*, **1994**, 94, 320-7	15.9	37
310	In Vitro and In Vivo Evidence That Ex Vivo Cytokine Priming of Donor Marrow Cells May Ameliorate Posttransplant Thrombocytopenia. *Blood*, **1998**, 91, 353-359	2.2	37
309	Very small embryonic-like stem cells as a novel developmental concept and the hierarchy of the stem cell compartment. *Advances in Medical Sciences*, **2014**, 59, 273-80	2.8	36
308	Complement fragment 3a priming of umbilical cord blood progenitors: safety profile. *Biology of Blood and Marrow Transplantation*, **2013**, 19, 1474-9	4.7	36
307	Identification of very small embryonic/epiblast-like stem cells (VSELs) circulating in peripheral blood during organ/tissue injuries. *Methods in Cell Biology*, **2011**, 103, 31-54	1.8	36
306	Analytical capabilities of the ImageStream cytometer. *Methods in Cell Biology*, **2011**, 102, 207-30	1.8	36
305	Hyaluronic acid and thrombin upregulate MT1-MMP through PI3K and Rac-1 signaling and prime the homing-related responses of cord blood hematopoietic stem/progenitor cells. *Stem Cells and Development*, **2011**, 20, 19-30	4.4	36
304	The Nlrp3 Inflammasome Orchestrates Mobilization of Bone Marrow-Residing Stem Cells into Peripheral Blood. *Stem Cell Reviews and Reports*, **2019**, 15, 391-403	6.4	35
303	Activation of the complement cascade enhances motility of leukemic cells by downregulating expression of HO-1. *Leukemia*, **2017**, 31, 446-458	10.7	35

302	Nuclear and chromatin reorganization during cell senescence and aging - a mini-review. *Gerontology*, **2011**, 57, 76-84	5.5	35
301	Bone marrow transplantation temporarily improves pancreatic function in streptozotocin-induced diabetes: potential involvement of very small embryonic-like cells. *Transplantation*, **2010**, 89, 677-85	1.8	35
300	Mobilization of hematopoietic stem cells as a result of innate immunity-mediated sterile inflammation in the bone marrow microenvironment-the involvement of extracellular nucleotides and purinergic signaling. *Leukemia*, **2018**, 32, 1116-1123	10.7	34
299	The proper criteria for identification and sorting of very small embryonic-like stem cells, and some nomenclature issues. *Stem Cells and Development*, **2014**, 23, 702-13	4.4	34
298	Novel evidence that the mannan-binding lectin pathway of complement activation plays a pivotal role in triggering mobilization of hematopoietic stem/progenitor cells by activation of both the complement and coagulation cascades. *Leukemia*, **2017**, 31, 262-265	10.7	34
297	Evidence for the involvement of sphingosine-1-phosphate in the homing and engraftment of hematopoietic stem cells to bone marrow. *Oncotarget*, **2015**, 6, 18819-28	3.3	34
296	Evidence for induction of a tumor metastasis-receptive microenvironment for ovarian cancer cells in bone marrow and other organs as an unwanted and underestimated side effect of chemotherapy/radiotherapy. *Journal of Ovarian Research*, **2015**, 8, 20	5.5	33
295	Bioactive lipids, LPC and LPA, are novel prometastatic factors and their tissue levels increase in response to radio/chemotherapy. *Molecular Cancer Research*, **2014**, 12, 1560-73	6.6	33
294	Reduced number of VSELs in the bone marrow of growth hormone transgenic mice indicates that chronically elevated Igf1 level accelerates age-dependent exhaustion of pluripotent stem cell pool: a novel view on aging. *Leukemia*, **2011**, 25, 1370-4	10.7	33
293	Cancer from the perspective of stem cells and misappropriated tissue regeneration mechanisms. *Leukemia*, **2018**, 32, 2519-2526	10.7	33
292	Parental imprinting regulates insulin-like growth factor signaling: a Rosetta Stone for understanding the biology of pluripotent stem cells, aging and cancerogenesis. *Leukemia*, **2013**, 27, 773-9	10.7	32
291	Very small embryonic-like stem cells in cardiovascular repair. *Pharmacology & Therapeutics*, **2011**, 129, 21-8	13.9	32
290	Cancer stem cells--normal stem cells "Jedi" that went over to the "dark side". *Folia Histochemica Et Cytobiologica*, **2005**, 43, 175-81	1.4	32
289	NLRP3 inflammasome couples purinergic signaling with activation of the complement cascade for the optimal release of cells from bone marrow. *Leukemia*, **2019**, 33, 815-825	10.7	31
288	Novel evidence that extracellular nucleotides and purinergic signaling induce innate immunity-mediated mobilization of hematopoietic stem/progenitor cells. *Leukemia*, **2018**, 32, 1920-1931	10.7	31
287	Erythrocyte-derived microvesicles may transfer phosphatidylserine to the surface of nucleated cells and falsely 'mark' them as apoptotic. *European Journal of Haematology*, **2009**, 83, 220-9	3.8	31
286	Effect of hepatocyte growth factor on early human haemopoietic cell development. *British Journal of Haematology*, **1997**, 99, 228-36	4.5	31
285	Adult marrow-derived very small embryonic-like stem cells and tissue engineering. *Expert Opinion on Biological Therapy*, **2007**, 7, 1499-514	5.4	31

284	The role of HIV-related chemokine receptors and chemokines in human erythropoiesis in vitro. *Stem Cells*, **2000**, 18, 128-38	5.8	31
283	Downregulation of Heme Oxygenase 1 (HO-1) Activity in Hematopoietic Cells Enhances Their Engraftment After Transplantation. *Cell Transplantation*, **2016**, 25, 1265-76	4	30
282	Evidence that a lipolytic enzyme--hematopoietic-specific phospholipase C-β2--promotes mobilization of hematopoietic stem cells by decreasing their lipid raft-mediated bone marrow retention and increasing the promobilizing effects of granulocytes. *Leukemia*, **2016**, 30, 919-28	10.7	30
281	Fetal liver very small embryonic/epiblast like stem cells follow developmental migratory pathway of hematopoietic stem cells. *Annals of the New York Academy of Sciences*, **2009**, 1176, 205-18	6.5	30
280	Mobilization of hematopoietic progenitor cells by yeast-derived beta-glucan requires activation of matrix metalloproteinase-9. *Stem Cells*, **2008**, 26, 1231-40	5.8	30
279	Why are hematopoietic stem cells so 'sexy'? on a search for developmental explanation. *Leukemia*, **2017**, 31, 1671-1677	10.7	29
278	Novel evidence for enhanced stem cell trafficking in antipsychotic-naïve subjects during their first psychotic episode. *Journal of Psychiatric Research*, **2014**, 49, 18-24	5.2	29
277	Inducible Nitric Oxide Synthase (iNOS) Is a Novel Negative Regulator of Hematopoietic Stem/Progenitor Cell Trafficking. *Stem Cell Reviews and Reports*, **2017**, 13, 92-103	6.4	29
276	Very small embryonic-like stem cells: biology and therapeutic potential for heart repair. *Antioxidants and Redox Signaling*, **2011**, 15, 1821-34	8.4	29
275	Expression of the erythropoietin receptor by germline-derived cells - further support for a potential developmental link between the germline and hematopoiesis. *Journal of Ovarian Research*, **2014**, 7, 66	5.5	28
274	Mobilization of CD34+CXCR4+ stem/progenitor cells and the parameters of left ventricular function and remodeling in 1-year follow-up of patients with acute myocardial infarction. *Mediators of Inflammation*, **2012**, 2012, 564027	4.3	28
273	Relationship between megakaryocyte mass and serum thrombopoietin levels as revealed by a case of cyclic amegakaryocytic thrombocytopenic purpura. *British Journal of Haematology*, **1999**, 105, 452-458	4.5	28
272	Innate immunity: a key player in the mobilization of hematopoietic stem/progenitor cells. *Archivum Immunologiae Et Therapiae Experimentalis*, **2009**, 57, 269-78	4	27
271	In vitro expansion of human megakaryocytes as a tool for studying megakaryocytic development and function. *Platelets*, **2001**, 12, 325-32	3.6	27
270	DOXIL when combined with Withaferin A (WFA) targets ALDH1 positive cancer stem cells in ovarian cancer. *Journal of Cancer Stem Cell Research*, **2016**, 4,		27
269	Prolonged Growth Hormone/Insulin/Insulin-like Growth Factor Nutrient Response Signaling Pathway as a Silent Killer of Stem Cells and a Culprit in Aging. *Stem Cell Reviews and Reports*, **2017**, 13, 443-453	6.4	26
268	Complement component 3 is necessary to preserve myocardium and myocardial function in chronic myocardial infarction. *Stem Cells*, **2014**, 32, 2502-15	5.8	26
267	Thrombin regulates the metastatic potential of human rhabdomyosarcoma cells: distinct role of PAR1 and PAR3 signaling. *Molecular Cancer Research*, **2010**, 8, 677-90	6.6	26

266	Cardiomyocyte differentiation of bone marrow-derived Oct-4+CXCR4+SSEA-1+ very small embryonic-like stem cells. *International Journal of Oncology*, **2010**, 37, 237-47	4.4	26
265	Identification of small Sca-1(+), Lin(-), CD45(-) multipotential cells in the neonatal murine retina. *Experimental Hematology*, **2009**, 37, 1096-107, 1107.e1	3.1	26
264	Bone Marrow - Home of Versatile Stem Cells. *Transfusion Medicine and Hemotherapy*, **2008**, 35, 248-259	4.2	26
263	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. *Frontiers in Pharmacology*, **2018**, 9, 500	5.6	25
262	The expanding family of bone marrow homing factors for hematopoietic stem cells: stromal derived factor 1 is not the only player in the game. *Scientific World Journal, The*, **2012**, 2012, 758512	2.2	25
261	Selective upregulation of interleukin-8 by human rhabdomyosarcomas in response to hypoxia: therapeutic implications. *International Journal of Cancer*, **2010**, 126, 371-81	7.5	25
260	Mobilization of very small embryonic-like stem cells in acute coronary syndromes and stroke. *Herz*, **2010**, 35, 467-72	2.6	25
259	Complement C1q enhances homing-related responses of hematopoietic stem/progenitor cells. *Transfusion*, **2010**, 50, 2002-10	2.9	25
258	Coreceptor/Chemokine Receptor Expression on Human Hematopoietic Cells: Biological Implications for Human Immunodeficiency Virus Type 1 Infection. *Blood*, **1999**, 93, 1145-1156	2.2	25
257	Withaferin A (WFA) inhibits tumor growth and metastasis by targeting ovarian cancer stem cells. *Oncotarget*, **2017**, 8, 74494-74505	3.3	25
256	Innate immunity derived factors as external modulators of the CXCL12-CXCR4 axis and their role in stem cell homing and mobilization. *Theranostics*, **2013**, 3, 3-10	12.1	24
255	Biological significance of the expression of HIV-related chemokine coreceptors (CCR5 and CXCR4) and their ligands by human hematopoietic cell lines. *Leukemia*, **2000**, 14, 1821-32	10.7	24
254	Extracellular Microvesicles as Game Changers in Better Understanding the Complexity of Cellular Interactions-From Bench to Clinical Applications. *American Journal of the Medical Sciences*, **2017**, 354, 449-452	2.2	22
253	Genome-wide analysis of murine bone marrow-derived very small embryonic-like stem cells reveals that mitogenic growth factor signaling pathways play a crucial role in the quiescence and ageing of these cells. *International Journal of Molecular Medicine*, **2013**, 32, 281-90	4.4	22
252	The molecular nature of very small embryonic-like stem cells in adult tissues. *International Journal of Stem Cells*, **2014**, 7, 55-62	3	22
251	Adipose tissue as a potential source of hematopoietic stem/progenitor cells. *Obesity*, **2012**, 20, 923-31	8	21
250	Effect of basic (FGF-2) and acidic (FGF-1) fibroblast growth factors on early haemopoietic cell development. *British Journal of Haematology*, **1996**, 93, 772-82	4.5	21
249	RasGrf1: genomic imprinting, VSELs, and aging. *Aging*, **2011**, 3, 692-7	5.6	21

248	Potential Clinical Applications of Stem Cells in Regenerative Medicine. *Advances in Experimental Medicine and Biology*, **2019**, 1201, 1-22	3.6	21
247	A Circadian Rhythm in both Complement Cascade (ComC) Activation and Sphingosine-1-Phosphate (S1P) Levels in Human Peripheral Blood Supports a Role for the ComC-S1P Axis in Circadian Changes in the Number of Stem Cells Circulating in Peripheral Blood. *Stem Cell Reviews and Reports*	6.4	21
246	Evidence that platelet-derived microvesicles may transfer platelet-specific immunoreactive antigens to the surface of endothelial cells and CD34+ hematopoietic stem/ progenitor cells--implication for the pathogenesis of immune thrombocytopenias. *Folia Histochemica Et Cytobiologica*, **2007**, 45, 27-32	1.4	21
245	Extracellular Microvesicles (ExMVs) in Cell to Cell Communication: A Role of Telocytes. *Advances in Experimental Medicine and Biology*, **2016**, 913, 41-49	3.6	20
244	Circulating very small embryonic-like stem cells in cardiovascular disease. *Journal of Cardiovascular Translational Research*, **2011**, 4, 138-44	3.3	20
243	Stem cells as a novel tool for drug screening and treatment of degenerative diseases. *Current Pharmaceutical Design*, **2012**, 18, 2644-56	3.3	20
242	Evidence of a Pivotal Role for the Distal Part of the Complement Cascade in the Diurnal Release of Hematopoietic Stem Cells Into Peripheral Blood. *Cell Transplantation*, **2016**, 25, 275-82	4	20
241	Vitamin D3 stimulates embryonic stem cells but inhibits migration and growth of ovarian cancer and teratocarcinoma cell lines. *Journal of Ovarian Research*, **2016**, 9, 26	5.5	20
240	The Inhibition of CD39 and CD73 Cell Surface Ectonucleotidases by Small Molecular Inhibitors Enhances the Mobilization of Bone Marrow Residing Stem Cells by Decreasing the Extracellular Level of Adenosine. *Stem Cell Reviews and Reports*, **2019**, 15, 892-899	7.3	19
239	5-Azacytidine inhibits human rhabdomyosarcoma cell growth by downregulating insulin-like growth factor 2 expression and reactivating the H19 gene product miR-675, which negatively affects insulin-like growth factors and insulin signaling. *International Journal of Oncology*, **2015**, 46, 2241-50	4.4	19
238	DOCK2 is critical for CD8(+) TCR(-) graft facilitating cells to enhance engraftment of hematopoietic stem and progenitor cells. *Stem Cells*, **2014**, 32, 2732-43	5.8	19
237	Innate immunity as orchestrator of bone marrow homing for hematopoietic stem/progenitor cells. *Advances in Experimental Medicine and Biology*, **2013**, 735, 219-32	3.6	19
236	Sca-1 expression is associated with decreased cardiomyogenic differentiation potential of skeletal muscle-derived adult primitive cells. *Journal of Molecular and Cellular Cardiology*, **2006**, 41, 650-60	5.8	19
235	The role of third complement component (C3) in homing of hematopoietic stem/progenitor cells into bone marrow. *Advances in Experimental Medicine and Biology*, **2006**, 586, 35-51	3.6	19
234	Pharmacological Elevation of Circulating Bioactive Phosphosphingolipids Enhances Myocardial Recovery After Acute Infarction. *Stem Cells Translational Medicine*, **2015**, 4, 1333-43	6.9	18
233	The role of innate immunity in trafficking of hematopoietic stem cells-an emerging link between activation of complement cascade and chemotactic gradients of bioactive sphingolipids. *Advances in Experimental Medicine and Biology*, **2012**, 946, 37-54	3.6	18
232	Multigene targeting with antisense oligodeoxynucleotides: an exploratory study using primary human leukemia cells. *Clinical Cancer Research*, **2005**, 11, 4948-54	12.9	18
231	Novel pleiotropic effects of bioactive phospholipids in human lung cancer metastasis. *Oncotarget*, **2017**, 8, 58247-58263	3.3	18

230	Ovarian Cancer Stem Cells: Unraveling a Germline Connection. *Stem Cells and Development*, **2017**, 26, 1781-1803	4.4	17
229	ATP-Nlrp3 Inflammasome-Complement Cascade Axis in Sterile Brain Inflammation in Psychiatric Patients and its Impact on Stem Cell Trafficking. *Stem Cell Reviews and Reports*, **2019**, 15, 497-505	6.4	17
228	The Emerging Link Between the Complement Cascade and Purinergic Signaling in Stress Hematopoiesis. *Frontiers in Immunology*, **2018**, 9, 1295	8.4	17
227	Morphology of ovaries in laron dwarf mice, with low circulating plasma levels of insulin-like growth factor-1 (IGF-1), and in bovine GH-transgenic mice, with high circulating plasma levels of IGF-1. *Journal of Ovarian Research*, **2012**, 5, 18	5.5	17
226	The limited infectability by R5 HIV of CD34(+) cells from thymus, cord, and peripheral blood and bone marrow is explained by their ability to produce beta-chemokines. *Experimental Hematology*, **2000**, 28, 1334-42	3.1	17
225	FLT3/FLK-2 (STK-1) Ligand does not stimulate human megakaryopoiesis in vitro. *Stem Cells*, **1996**, 14, 146-50	5.8	17
224	Nlrp3 Inflammasome Signaling Regulates the Homing and Engraftment of Hematopoietic Stem Cells (HSPCs) by Enhancing Incorporation of CXCR4 Receptor into Membrane Lipid Rafts. *Stem Cell Reviews and Reports*, **2020**, 16, 954-967	7.3	17
223	Effective Mobilization of Very Small Embryonic-Like Stem Cells and Hematopoietic Stem/Progenitor Cells but Not Endothelial Progenitor Cells by Follicle-Stimulating Hormone Therapy. *Stem Cells International*, **2016**, 2016, 8530207	5	17
222	Positive effects of prolonged caloric restriction on the population of very small embryonic-like stem cells - hematopoietic and ovarian implications. *Journal of Ovarian Research*, **2014**, 7, 68	5.5	16
221	Evidence that the population of quiescent bone marrow-residing very small embryonic/epiblast-like stem cells (VSELs) expands in response to neurotoxic treatment. *Journal of Cellular and Molecular Medicine*, **2014**, 18, 1797-806	5.6	16
220	RasGRF1 regulates proliferation and metastatic behavior of human alveolar rhabdomyosarcomas. *International Journal of Oncology*, **2012**, 41, 995-1004	4.4	16
219	Quiescent CD34+ early erythroid progenitors are resistant to several erythropoietic 'inhibitory' cytokines; role of FLIP. *British Journal of Haematology*, **2003**, 123, 160-9	4.5	16
218	Novel evidence that pituitary gonadotropins directly stimulate human leukemic cells-studies of myeloid cell lines and primary patient AML and CML cells. *Oncotarget*, **2016**, 7, 3033-46	3.3	16
217	Evidence that vitronectin is a potent migration-enhancing factor for cancer cells chaperoned by fibrinogen: a novel view of the metastasis of cancer cells to low-fibrinogen lymphatics and body cavities. *Oncotarget*, **2016**, 7, 69829-69843	3.3	16
216	Bioactive Phospholipids Enhance Migration and Adhesion of Human Leukemic Cells by Inhibiting Heme Oxygenase 1 (HO-1) and Inducible Nitric Oxygenase Synthase (iNOS) in a p38 MAPK-Dependent Manner. *Stem Cell Reviews and Reports*, **2019**, 15, 139-154	6.4	16
215	SDF-1 alone and in co-operation with HGF regulates biology of human cervical carcinoma cells. *Folia Histochemica Et Cytobiologica*, **2006**, 44, 155-64	1.4	16
214	The developmental deposition of epiblast/germ cell-line derived cells in various organs as a hypothetical explanation of stem cell plasticity?. *Acta Neurobiologiae Experimentalis*, **2006**, 66, 331-41	1	16
213	Evaluation of a developmental hierarchy for breast cancer cells to assess risk-based patient selection for targeted treatment. *Scientific Reports*, **2018**, 8, 367	4.9	15

212	Stem cells, pluripotency and glial cell markers in peripheral blood of bipolar patients on long-term lithium treatment. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 80, 28-33	5.5	15
211	Sterile Inflammation of Brain, due to Activation of Innate Immunity, as a Culprit in Psychiatric Disorders. *Frontiers in Psychiatry*, **2018**, 9, 60	5	15
210	An Overview of Novel Unconventional Mechanisms of Hematopoietic Development and Regulators of Hematopoiesis - a Roadmap for Future Investigations. *Stem Cell Reviews and Reports*, **2019**, 15, 785-794	7.3	15
209	A novel view of paroxysmal nocturnal hemoglobinuria pathogenesis: more motile PNH hematopoietic stem/progenitor cells displace normal HSPCs from their niches in bone marrow due to defective adhesion, enhanced migration and mobilization in response to erythrocyte-released sphingosine-1-phosphate gradient. *Leukemia*, **2012**, 26, 1782-5	10.7	15
208	Very small embryonic-like stem-cell optimization of isolation protocols: an update of molecular signatures and a review of current in vivo applications. *Experimental and Molecular Medicine*, **2013**, 45, e56	12.8	15
207	Expression of Cancer Testis Antigens in Colorectal Cancer: New Prognostic and Therapeutic Implications. *Disease Markers*, **2016**, 2016, 1987505	3.2	15
206	HIDES spectroscopy of bright detached eclipsing binaries from the Kepler field II. Double- and triple-lined objects. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 1726-1746	4.3	14
205	Sphingosine-1-phosphate-mediated mobilization of hematopoietic stem/progenitor cells during intravascular hemolysis requires attenuation of SDF-1-CXCR4 retention signaling in bone marrow. *BioMed Research International*, **2013**, 2013, 814549	3	14
204	Success of bone marrow transplantation in congenital Diamond-Blackfan anaemia: a case report. *European Journal of Haematology*, **1987**, 38, 204-6	3.8	14
203	An emerging question about putative cancer stem cells in established cell lines-are they true stem cells or a fluctuating cell phenotype?. *Journal of Cancer Stem Cell Research*, **2015**, 3,		14
202	Mobilization studies in mice deficient in sphingosine kinase 2 support a crucial role of the plasma level of sphingosine-1-phosphate in the egress of hematopoietic stem progenitor cells. *Oncotarget*, **2017**, 8, 65588-65600	3.3	14
201	Assessment of Complement Cascade Components in Patients With Bipolar Disorder. *Frontiers in Psychiatry*, **2018**, 9, 614	5	14
200	Of Cytometry, Stem Cells and Fountain of Youth. *Stem Cell Reviews and Reports*, **2017**, 13, 465-481	6.4	13
199	Increased methylation upstream of the MEG3 promotor is observed in acute myeloid leukemia patients with better overall survival. *Clinical Epigenetics*, **2019**, 11, 50	7.7	13
198	Novel Evidence that Purinergic Signaling - Nlrp3 Inflammasome Axis Regulates Circadian Rhythm of Hematopoietic Stem/Progenitor Cells Circulation in Peripheral Blood. *Stem Cell Reviews and Reports*, **2020**, 16, 335-343	7.3	13
197	The paternally imprinted DLK1-GTL2 locus is differentially methylated in embryonal and alveolar rhabdomyosarcomas. *International Journal of Oncology*, **2014**, 44, 295-300	4.4	13
196	An emerging link in stem cell mobilization between activation of the complement cascade and the chemotactic gradient of sphingosine-1-phosphate. *Prostaglandins and Other Lipid Mediators*, **2013**, 104-105, 122-9	3.7	13
195	Allogeneic transplantation of multiple umbilical cord blood units in adults: role of pretransplant-mixed lymphocyte reaction to predict host-vs-graft rejection. *Leukemia*, **2008**, 22, 1786-90	10.7	13

194	Biological role of the CXCR4-SDF-1 axis in normal human hematopoietic cells. *Methods in Molecular Biology*, **2006**, 332, 103-14	1.4	13
193	Microvesicles: from dust to crown. *Blood*, **2006**, 108, 2885-2886	2.2	13
192	p120 GAP requirement in normal and malignant human hematopoiesis. *Journal of Experimental Medicine*, **1993**, 178, 1923-33	16.6	13
191	Umbilical cord blood-derived very small embryonic like stem cells (VSELs) as a source of pluripotent stem cells for regenerative medicine. *Pediatric Endocrinology Reviews*, **2012**, 9, 639-43	1.1	13
190	Innate immunity orchestrates the mobilization and homing of hematopoietic stem/progenitor cells by engaging purinergic signaling-an update. *Purinergic Signalling*, **2020**, 16, 153-166	3.8	12
189	Signaling of the Complement Cleavage Product Anaphylatoxin C5a Through C5aR (CD88) Contributes to Pharmacological Hematopoietic Stem Cell Mobilization. *Stem Cell Reviews and Reports*, **2017**, 13, 793-800	6.4	12
188	The use of chemokine receptor agonists in stem cell mobilization. *Expert Opinion on Biological Therapy*, **2012**, 12, 287-97	5.4	12
187	Cell recovery comparison between plasma depletion/reduction- and red cell reduction-processing of umbilical cord blood. *Cytotherapy*, **2011**, 13, 1105-19	4.8	12
186	CFU-megakaryocytic progenitors expanded ex vivo from cord blood maintain their in vitro homing potential and express matrix metalloproteinases. *Cytotherapy*, **2008**, 10, 182-92	4.8	12
185	A pivotal role of activation of complement cascade (CC) in mobilization of hematopoietic stem/progenitor cells (HSPC). *Advances in Experimental Medicine and Biology*, **2008**, 632, 47-60	3.6	12
184	The effect of long-term lithium treatment of bipolar disorder on stem cells circulating in peripheral blood. *World Journal of Biological Psychiatry*, **2017**, 18, 54-62	3.8	11
183	Mobilization of Peripheral Blood Stem Cells and Changes in the Concentration of Plasma Factors Influencing their Movement in Patients with Panic Disorder. *Stem Cell Reviews and Reports*, **2017**, 13, 217-225	6.4	11
182	Pannexin-1 channel "fuels" by releasing ATP from bone marrow cells a state of sterile inflammation required for optimal mobilization and homing of hematopoietic stem cells. *Purinergic Signalling*, **2020**, 16, 313-325	3.8	11
181	The role of complement in the trafficking of hematopoietic stem/progenitor cells. *Transfusion*, **2012**, 52, 2706-16	2.9	11
180	The role of bioactive lipids in stem cell mobilization and homing: novel therapeutics for myocardial ischemia. *BioMed Research International*, **2014**, 2014, 653543	3	11
179	Biological significance of the different erythropoietic factors secreted by normal human early erythroid cells. *Leukemia and Lymphoma*, **2003**, 44, 767-74	1.9	11
178	Heparinized cadaveric organ donors (HCOD)--a potential source of hematopoietic cells for transplantation and gene therapy. *Transplantation*, **2001**, 71, 1003-7	1.8	11
177	Myb and Ets Proteins Are Candidate Regulators of c-kit Expression in Human Hematopoietic Cells. *Blood*, **1998**, 91, 1934-1946	2.2	11

176	The effect of low and high plasma levels of insulin-like growth factor-1 (IGF-1) on the morphology of major organs: studies of Laron dwarf and bovine growth hormone transgenic (bGHTg) mice. *Histology and Histopathology*, **2013**, 28, 1325-36	1.4	11
175	Stem cells and clinical practice: new advances and challenges at the time of emerging problems with induced pluripotent stem cell therapies. *Polish Archives of Internal Medicine*, **2016**, 126, 879-890	1.9	11
174	Igf2-H19, an Imprinted Tandem Yin-Yanggene and its Emerging Role in Development, Proliferation of Pluripotent Stem Cells, Senescence and Cancerogenesis. *Journal of Stem Cell Research & Therapy*, **2012**, 2,	1	11
173	Caloric restriction increases ratio of estrogen to androgen receptors expression in murine ovaries--potential therapeutic implications. *Journal of Ovarian Research*, **2015**, 8, 57	5.5	10
172	Characterization of Human CD8(+)TCR(-) Facilitating Cells In Vitro and In Vivo in a NOD/SCID/IL2r(hull) Mouse Model. *American Journal of Transplantation*, **2016**, 16, 440-53	8.7	10
171	Novel evidence that an alternative complement cascade pathway is involved in optimal mobilization of hematopoietic stem/progenitor cells in Nlrp3 inflammasome-dependent manner. *Leukemia*, **2019**, 33, 2967-2970	10.7	10
170	Innate Immunity and Mobilization of Hematopoietic Stem Cells. *Current Stem Cell Reports*, **2017**, 3, 172-180	1.8	10
169	The cell cycle- and insulin-signaling-inhibiting miRNA expression pattern of very small embryonic-like stem cells contributes to their quiescent state. *Experimental Biology and Medicine*, **2015**, 240, 1107-11	3.7	10
168	Decoding the Dots: The ImageStream system (ISS) as a novel and powerful tool for flow cytometric analysis. *Open Life Sciences*, **2008**, 3, 1-10	1.2	10
167	Hematopoietic stem cells from NOD mice exhibit autonomous behavior and a competitive advantage in allogeneic recipients. *Blood*, **2005**, 105, 2189-97	2.2	10
166	Isolation of hematopoietic stem cells from heparinized cadaveric multiple organ donors: potential clinical implications. *Transplantation Proceedings*, **1999**, 31, 2099-101	1.1	10
165	An evidence that SARS-Cov-2/COVID-19 spike protein (SP) damages hematopoietic stem/progenitor cells in the mechanism of pyroptosis in Nlrp3 inflammasome-dependent manner. *Leukemia*, **2021**, 35, 3026-3029	10.7	10
164	Human rhabdomyosarcoma cells express functional pituitary and gonadal sex hormone receptors: Therapeutic implications. *International Journal of Oncology*, **2016**, 48, 1815-24	4.4	10
163	Toll-like receptor signaling-deficient mice are easy mobilizers: evidence that TLR signaling prevents mobilization of hematopoietic stem/progenitor cells in HO-1-dependent manner. *Leukemia*, **2016**, 30, 2416-2419	10.7	10
162	Pituitary sex hormones enhance the pro-metastatic potential of human lung cancer cells by downregulating the intracellular expression of heme oxygenase-1. *International Journal of Oncology*, **2017**, 50, 317-328	4.4	9
161	Poor Mobilization in T-Cell-Deficient Nude Mice Is Explained by Defective Activation of Granulocytes and Monocytes. *Cell Transplantation*, **2017**, 26, 83-93	4	9
160	Does it make sense to target one tumor cell chemotactic factor or its receptor when several chemotactic axes are involved in metastasis of the same cancer?. *Clinical and Translational Medicine*, **2016**, 5, 28	5.7	9
159	Immunoexpression of aromatase cytochrome P450 and 17-hydroxysteroid dehydrogenase in women's ovaries after menopause. *Journal of Ovarian Research*, **2014**, 7, 52	5.5	9

158	Mobilization studies in C3-deficient mice unravel the involvement of a novel crosstalk between the coagulation and complement cascades in mobilization of hematopoietic stem/progenitor cells. *Leukemia*, **2013**, 27, 1928-30	10.7	9
157	CD133 Expression Strongly Correlates with the Phenotype of Very Small Embryonic-/Epiblast-Like Stem Cells. *Advances in Experimental Medicine and Biology*, **2013**, 777, 125-41	3.6	9
156	Regulation of IL-2 expression by transcription factor BACH2 in umbilical cord blood CD4+ T cells. *Leukemia*, **2008**, 22, 2201-7	10.7	9
155	Histological changes of testes in growth hormone transgenic mice with high plasma level of GH and insulin-like growth factor-1. *Folia Histochemica Et Cytobiologica*, **2015**, 53, 249-58	1.4	9
154	Increased mRNA expression of peripheral glial cell markers in bipolar disorder: The effect of long-term lithium treatment. *European Neuropsychopharmacology*, **2016**, 26, 1516-1521	1.2	9
153	The Complement Cascade as a Mediator of Human Malignant Hematopoietic Cell Trafficking. *Frontiers in Immunology*, **2019**, 10, 1292	8.4	8
152	Novel View on Umbilical Cord Blood and Maternal Peripheral Blood-an Evidence for an Increase in the Number of Circulating Stem Cells on Both Sides of the Fetal-Maternal Circulation Barrier. *Stem Cell Reviews and Reports*, **2017**, 13, 774-780	6.4	8
151	Further evidence that paroxysmal nocturnal haemoglobinuria is a disorder of defective cell membrane lipid rafts. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 2193-201	5.6	8
150	Absolute properties of the main-sequence eclipsing binary FM Leo. *Monthly Notices of the Royal Astronomical Society*, **2010**, 402, 2424-2428	4.3	8
149	Flt3-Ligand□Mobilized Peripheral Blood, but Not Flt3-Ligand□Expanded Bone Marrow, Facilitating Cells Promote Establishment of Chimerism and Tolerance. *Stem Cells*, **2006**, 24, 936-948	5.8	8
148	Reply to □5L2 receptor is not involved in C3a/C3a-desArg-mediated enhancement of bone marrow hematopoietic cell migration to CXCL12□by Honczarenko et al. *Leukemia*, **2005**, 19, 1684-1685	10.7	8
147	Lay inferences of personality traits: The role of behaviour prototypicality and between-trait differences. *European Journal of Social Psychology*, **1993**, 23, 255-272	2.9	8
146	Bioactive Sphingolipids and Complement Cascade as New Emerging Regulators of Stem Cell Mobilization and Homing. *Journal of Stem Cell Research & Therapy*, **2011**, 1,	1	8
145	Hematopoietic Stem and Progenitor Cells (HSPCs). *Advances in Experimental Medicine and Biology*, **2019**, 1201, 49-77	3.6	8
144	The Involvment of Hematopoietic-Specific PLC -□ in Homing and Engraftment of Hematopoietic Stem/Progenitor Cells. *Stem Cell Reviews and Reports*, **2016**, 12, 613-620	6.4	8
143	P2Y14 Receptor as a Target for Neutrophilia Attenuation in Severe COVID-19 Cases: From Hematopoietic Stem Cell Recruitment and Chemotaxis to Thrombo-inflammation. *Stem Cell Reviews and Reports*, **2021**, 17, 241-252	7.3	8
142	Adult stem cells in psychiatric disorders - New discoveries in peripheral blood. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 80, 23-27	5.5	7
141	Deficient in vitro megakaryocytopoiesis and decreased in vivo platelet turnover in children and young adults with chronic thrombocytopenia. *Journal of Pediatric Hematology/Oncology*, **1998**, 20, 196-201	1.2	7

140	Identification of Human Very Small Embryonic like Stem Cells (VSELS) in Human Heart Tissue Among Young and Old Individuals. *Stem Cell Reviews and Reports*, **2020**, 16, 181-185	7.3	7
139	Involvement of BAFF and APRIL in Resistance to Apoptosis of Acute Myeloid Leukemia. *Journal of Cancer*, **2016**, 7, 1979-1983	4.5	7
138	medycyno regeneracyjna?: Quo Vadis Regenerative Medicine?. *Acta Haematologica Polonica*, **2013**, 44, 161-170	0.4	6
137	PI-3k-Akt axis inhibits apoptosis in normal human megakaryoblasts and is efficiently activated by thrombopoietin. *Experimental Hematology*, **2000**, 28, 1492	3.1	6
136	Growth factor stimulation of cryopreserved CD34+ bone marrow cells intended for transplant: an in vitro study to determine optimal timing of exposure to early acting cytokines. *Stem Cells*, **1994**, 12, 599-603	5.8	6
135	Stromal cell□derived factor-1 and macrophage-derived chemokine: 2 chemokines that activate platelets. *Blood*, **2000**, 96, 50-57	2.2	6
134	A novel potential role of pituitary gonadotropins in the pathogenesis of human colorectal cancer. *PLoS ONE*, **2018**, 13, e0189337	3.7	6
133	Effect of colorectal cancer on the number of normal stem cells circulating in peripheral blood. *Oncology Reports*, **2016**, 36, 3635-3642	3.5	6
132	Cathelicidin Related Antimicrobial Peptide (CRAMP) Enhances Bone Marrow Cell Retention and Attenuates Cardiac Dysfunction in a Mouse Model of Myocardial Infarction. *Stem Cell Reviews and Reports*, **2018**, 14, 702-714	6.4	6
131	The effect of calorie restriction on the presence of apoptotic ovarian cells in normal wild type mice and low-plasma-IGF-1 Laron dwarf mice. *Journal of Ovarian Research*, **2013**, 6, 67	5.5	5
130	Human rhabdomyosarcoma cells express functional erythropoietin receptor: Potential therapeutic implications. *International Journal of Oncology*, **2015**, 47, 1989-97	4.4	5
129	Fibroblast growth factors and early hemopoietic cell development. *Leukemia and Lymphoma*, **1997**, 27, 221-9	1.9	5
128	Microvesicles as immune orchestra conductors. *Blood*, **2008**, 111, 4832-3	2.2	5
127	Induction of the murine "W phenotype" in long-term cultures of human cord blood cells by c-kit antisense oligomers. *Journal of Cellular Physiology*, **1993**, 157, 158-63	7	5
126	Vitronectin in the ascites of human ovarian carcinoma acts as a potent chemoattractant for ovarian carcinoma: Implication for metastasis by cancer stem cells. *Journal of Cancer Stem Cell Research*, **2016**, 4,		5
125	The Nlrp3 inflammasome - the evolving story of its positive and negative effects on hematopoiesis. *Current Opinion in Hematology*, **2021**, 28, 251-261	3.3	5
124	Induction of a Tumor-Metastasis-Receptive Microenvironment as an Unwanted Side Effect After Radio/Chemotherapy and In Vitro and In Vivo Assays to Study this Phenomenon. *Methods in Molecular Biology*, **2016**, 1516, 347-360	1.4	5
123	Peripheral mRNA expression of pluripotency markers in bipolar disorder and the effect of long-term lithium treatment. *Pharmacological Reports*, **2016**, 68, 1042-5	3.9	5

122	Danger-associated molecular pattern molecules take unexpectedly a central stage in Nlrp3 inflammasome-caspase-1-mediated trafficking of hematopoietic stem/progenitor cells. *Leukemia*, **2021**, 35, 2658-2671	10.7	5
121	Analysis of the Paternally-Imprinted DLK1-MEG3 and IGF2-H19 Tandem Gene Loci in NT2 Embryonal Carcinoma Cells Identifies DLK1 as a Potential Therapeutic Target. *Stem Cell Reviews and Reports*, **2018**, 14, 823-836	6.4	4
120	Bioactive Sphingolipids, Complement Cascade, and Free Hemoglobin Levels in Stable Coronary Artery Disease and Acute Myocardial Infarction. *Mediators of Inflammation*, **2018**, 2018, 2691934	4.3	4
119	Solaris: a global network of autonomous observatories in the southern hemisphere **2014**,		4
118	A lack of positive effect of enhanced vegetative nervous system tonus on mobilization of hematopoietic stem and progenitor cells in patients suffering from acute psychotic syndromes. *Leukemia*, **2013**, 27, 959-61	10.7	4
117	Megakaryocyte-derived microvesicles, please stand up!. *Blood*, **2009**, 113, 981-2	2.2	4
116	The role of CXCR4/SDF-1, CD117/SCF, and c-met/HGF chemokine signalling in the mobilization of progenitor cells and the parameters of the left ventricular function, remodelling, and myocardial perfusion following acute myocardial infarction. *European Heart Journal Supplements*, **2008**, 10, K16-K23	1.5	4
115	Emerging concept of cancer as a stem cell disorder. *Open Life Sciences*, **2006**, 1, 73-87	1.2	4
114	New T-lymphocytic cell lines for studying cell infectability by human immunodeficiency virus. *European Journal of Haematology*, **2001**, 67, 142-51	3.8	4
113	Hematological compensation of microphthalmic mice with congenital osteopetrosis. *Bone*, **1987**, 8, 315-7	4.7	4
112	The ACE2 Receptor for COVID-19 Entry Is Expressed on the Surface of Hematopoietic Stem/Progenitor Cells and Endothelial Progenitors As Well As Their Precursor Cells and Becomes Activated in Nlrp3 Inflammasome-Dependent Manner By Virus Spike Protein - a Potential Pathway Leading to a "Cytokine Storm". *Blood*, **2020**, 136, 8-8	2.2	4
111	Upregulation of MT1-MMP Expression by Hyaluronic Acid Enhances Homing-Related Responses of Hematopoietic CD34+ Cells to an SDF-1 Gradient.. *Blood*, **2004**, 104, 2889-2889	2.2	4
110	Valproic Acid Decreases Endothelial Colony Forming Cells Differentiation and Induces Endothelial-to-Mesenchymal Transition-like Process. *Stem Cell Reviews and Reports*, **2020**, 16, 357-368	7.3	4
109	Extracellular Adenosine Triphosphate (eATP) and Its Metabolite, Extracellular Adenosine (eAdo), as Opposing "Yin-Yang" Regulators of Nlrp3 Inflammasome in the Trafficking of Hematopoietic Stem/Progenitor Cells. *Frontiers in Immunology*, **2020**, 11, 603942	8.4	4
108	Heme Oxygenase 1 (HO-1) as an Inhibitor of Trafficking of Normal and Malignant Hematopoietic Stem Cells - Clinical and Translational Implications. *Stem Cell Reviews and Reports*, **2021**, 17, 821-828	7.3	4
107	Review of animal models of bipolar disorder that alter ion regulation. *Neuroscience and Biobehavioral Reviews*, **2019**, 107, 208-214	9	3
106	A Novel Evidence That Mannan Binding Lectin (MBL) Pathway of Complement Cascade Activation is Involved in Homing and Engraftment of Hematopoietic Stem Progenitor Cells (HSPCs). *Stem Cell Reviews and Reports*, **2020**, 16, 693-701	7.3	3
105	Novel evidence that pituitary sex hormones regulate migration, adhesion, and proliferation of embryonic stem cells and teratocarcinoma cells. *Oncology Reports*, **2018**, 39, 851-859	3.5	3

104	Priming of Hematopoietic Progenitor Cells (HPC) with Complement Fragment 3A (C3A) to Promote Homing of Umbilical Cord Blood (UCB): Safety Profile. *Biology of Blood and Marrow Transplantation*, **2012**, 18, S210	4.7	3
103	Effect of Interleukin-1 and Interleukin-1 on Erythroid Progenitor Cell Growth in Serum Free Cultures: An In Vitro Study Relevant to the Pathogenesis of the Anemia of Chronic Disease. *Hematology*, **1997**, 2, 21-8	2.2	3
102	Fms-related tyrosine kinase 3 expression discriminates hematopoietic stem cells subpopulations with differing engraftment-potential: identifying the most potent combination. *Transplantation*, **2008**, 85, 1175-84	1.8	3
101	Detection of protein tyrosine-kinase (PTK) gene expression pattern in normal and malignant T lymphocytes by combined PTK-specific polymerase chain reaction and parallel denaturing gradient gel electrophoresis. *Journal of Molecular Diagnostics*, **2003**, 5, 113-20	5.1	3
100	Postirradiation recovery of haemopoiesis in Steel mutant mice. *International Journal of Radiation Biology*, **1988**, 53, 703-8	2.9	3
99	Eosinophilic granulocyte deficiency in mice mutant in sl and w loci. *Experientia*, **1985**, 41, 1596-8		3
98	Novel Evidence That Extracellular Adenosine Triphosphate (ATP), As a Purinergic Signaling Mediator, Activates Mobilization By Engaging a P2X4 Ligand-Gated Cation Channel Receptor Expressed on the Surface of Hematopoietic and Innate Immunity Cells. *Blood*, **2019**, 134, 4472-4472	2.2	3
97	An In Vivo Evidence That the CD45negative Adult Marrow-Derived CXCR4+ SSEA-1+ OCT-4+ Very Small Embryonic-Like (VSEL) Stem Cells May Differentiate into CD45positive Long Term Repopulating Hematopoietic Stem Cells.. *Blood*, **2007**, 110, 505-505	2.2	3
96	Optimization of Isolation and Further Molecular and Functional Characterization of SSEA-4+/Oct-4+/CD133+/CXCR4+/LINneg/CD45neg Very Small Embryonic-Like (VSEL) Stem Cells Isolated from Umbilical Cord Blood.. *Blood*, **2008**, 112, 2316-2316	2.2	3
95	Stromal-derived factor 1 and thrombopoietin regulate distinct aspects of human megakaryopoiesis. *Blood*, **2000**, 96, 4142-4151	2.2	3
94	Verrucarin J inhibits ovarian cancer and targets cancer stem cells. *Oncotarget*, **2017**, 8, 92743-92756	3.3	3
93	Human CD34-negative Hematopoietic Stem Cells. *Pancreatic Islet Biology*, **2014**, 53-77	0.4	3
92	Plausible Links Between Metabolic Networks, Stem Cells, and Longevity. *Advances in Experimental Medicine and Biology*, **2019**, 1201, 355-388	3.6	3
91	Stem Cells in Psychiatry. *Advances in Experimental Medicine and Biology*, **2019**, 1201, 159-174	3.6	3
90	The Embryonic Rest Hypothesis of Cancer Development: 150 Years Later **2013**, 51-63		3
89	In Vitro and In Vivo Evidence That Ex Vivo Cytokine Priming of Donor Marrow Cells May Ameliorate Posttransplant Thrombocytopenia. *Blood*, **1998**, 91, 353-359	2.2	3
88	Enumeration of very small embryonic-like stem cells in peripheral blood. *Methods in Molecular Biology*, **2012**, 904, 207-19	1.4	3
87	Innate Immunity Communicates Using the Language of Extracellular Microvesicles. *Stem Cell Reviews and Reports*, **2021**, 17, 502-510	7.3	3

86	Stem cells and their potential clinical applications in psychiatric disorders. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 80, 3-9	5.5	2
85	Manifestation of toxocariasis in children with neuroblastoma treated with autologous hematopoietic transplants. *Pediatric Hematology and Oncology*, **2006**, 23, 369-79	1.7	2
84	Novel Evidence That the Ectonucleotidases CD39 and CD73, Which Are Expressed on Hematopoietic Stem/Progenitor Cells (HSPCs), Regulate Mobilization and Homing - Studies in CD39-/- and CD73-/- Mice and with Small-Molecule CD39 and CD73 Inhibitors. *Blood*, **2018**, 132, 2060-2060	2.2	2
83	A Potential New Application of Mobilization/Leukapheresis for Enrichment of Peripheral Blood in Circulating Non-Hematopoietic CXCR4+CD45 Tissue-Committed Stem Cells (TCSC) for Organ/Tissue Regeneration.. *Blood*, **2004**, 104, 151-151	2.2	2
82	CXCR4 Is a PAX Family Transcription Factor Regulated Gene.. *Blood*, **2004**, 104, 4205-4205	2.2	2
81	Immunodeficient Mice Are Poor Mobilizers -Novel Evidence That Demonstrates a Pivotal Role of Complement in Triggering Mobilization of HSPC.. *Blood*, **2005**, 106, 1976-1976	2.2	2
80	Comparison of Different Strategies of MSC Isolation Revels Advantage To Expand MSC Directly from Purified CD105+ and CD271+ Cells.. *Blood*, **2006**, 108, 2566-2566	2.2	2
79	The Unique Pattern of Somatic Imprint in Oct-4+ Very Small Embryonic Like (VSEL) Stem Cells Isolated from Adult Tissues Further Supports Both Their Epiblast/Germ Line Origin and Explains Quiescent Status: Potential Modification of Somatic Imprint as a Key to Longevity?. *Blood*, **2008**,	2.2	2
78	In Vitro and In Vivo Evidence That Umbilical Cord Blood (UCB)-Derived CD45-/SSEA-4+/OCT-4+/CD133+/CXCR4+/Lin- Very Small Embryonic/Epiblast Like Stem Cells (VSELs) Do Not Contain Clonogenic Hematopoietic Progenitors but Are Highly Enriched in More Primitive Stem Cells - Novel View On Hierarchy of UCB Stem Cell Compartment. *Blood*, **2009**, 114, 35-35	2.2	2
77	New Evidence That the Bioactive Lipid Ceramide-1-Phosphate (C1P) Is a Potent Chemoattractant for Mesenchymal Stromal Cells (MSC), Endothelial Progenitor Cells (EPCs) and Very Small Embryonic-Like Stem Cells (VSELs), Demonstrating Its Potential Involvement in Tissue/Organ Repair and Angiogenesis. *Blood*, **2011**, 118, 2387-2387	2.2	2
76	Erythropoietin enhances migration of human neuroblastoma cells: in vitro studies and potential therapeutic implications. *Journal of Cancer Stem Cell Research*, **2017**, 5,		2
75	Platelet-derived microparticles bind to hematopoietic stem/progenitor cells and enhance their engraftment. *Blood*, **2001**, 98, 3143-3149	2.2	2
74	Bone Marrow-Derived VSELs Engraft as Lung Epithelial Progenitor Cells after Bleomycin-Induced Lung Injury. *Cells*, **2021**, 10,	7.9	2
73	The P2X4 purinergic receptor has emerged as a potent regulator of hematopoietic stem/progenitor cell mobilization and homing-a novel view of P2X4 and P2X7 receptor interaction in orchestrating stem cell trafficking. *Leukemia*, **2021**,	10.7	2
72	Parentally imprinted genes regulate hematopoiesis-new evidence from the Dlk1-Gtl2 locus. *Stem Cell Investigation*, **2016**, 3, 29	5.1	2
71	The third complement component as modulator of platelet production. *Advances in Experimental Medicine and Biology*, **2007**, 598, 226-39	3.6	2
70	Challenges, progress, and new directions in stem cell therapies: a new section launched in Clinical and Translational Medicine. *Clinical and Translational Medicine*, **2015**, 4, 30	5.7	1
69	Novel view on hematopoietic stem cell mobilization and homing. *Leukemia Supplements*, **2014**, 3, S19-2075		1

68	RGS16 tightens the reinsertion CXCR4. *Blood*, **2005**, 106, 2928-2929	2.2	1
67	A Novel Population of Oct-4+ SSEA-1+ CXCR4+ CD34+ CD133+ Lin−CD45− Very Small Embryonic-Like (VSEL) Stem Cells Identified in Human Cord Blood.. *Blood*, **2006**, 108, 3195-3195	2.2	1
66	Studies with Diluted Plasma Reveal the Presence of a Remarkably Potent Factor That Enhances the Motility of Cancer Cells and Is Quentched by Fibrinogen - a Novel View of Cancer Metastasis. *Blood*, **2012**, 120, 3431-3431	2.2	1
65	Challenging Dogmas - Or How Much Evidence Is Necessary To Claim That There Is a Direct Developmental and Functional Link Between The Primordial Germ Cell (PGC) Lineage and Hematopoiesis?. *Blood*, **2013**, 122, 1215-1215	2.2	1
64	Hematopoiesis and innate immunity: an inseparable couple for good and bad times, bound together by an hormetic relationship. *Leukemia*, **2021**,	10.7	1
63	Percoll Gradient Separation of Cord Blood Mononuclear Cells Reveals the Presence of a Novel Population of CXCR4+ Oct-4+ Small Embryonic-Like Stem Cells.. *Blood*, **2005**, 106, 1069-1069	2.2	1
62	Paracrine Effects of Fetal Stem Cells. *Pancreatic Islet Biology*, **2016**, 47-56	0.4	1
61	Human Hematopoietic Stem/Progenitor Cells (HSPCs) and Mesenchymal Stromal Cells (MSCs) Express Several Functional Pituitary and Gonadal Sex Hormone Receptors - Identification of Follicle Stimulating Hormone (FSH) and Luteinizing Hormone (LH) As New Growth Factors for HSPCs and MSCs. *Blood*, **2015**, 126, 2393-2393	2.2	1
60	Markers of Regenerative Processes in Patients with Bipolar Disorder: A Case-control Study. *Brain Sciences*, **2020**, 10,	3.4	1
59	Challenges in Translating Germinal Stem Cell Research and Therapy. *Stem Cells International*, **2016**, 2016, 4687378	5	1
58	A Pivotal Role of Activation of Complement Cascade (CC) in Mobilization of Hematopoietic Stem/Progenitor Cells (HSPC). *Advances in Experimental Medicine and Biology*, **2008**, 45-58	3.6	1
57	Human CD34 very small embryonic-like stem cells can give rise to endothelial colony-forming cells with a multistep differentiation strategy using UM171 and nicotinamide acid.. *Leukemia*, **2022**,	10.7	1
56	Psychopathology and Stem Cell Mobilization in Ultra-High Risk of Psychosis and First-Episode Psychosis Patients. *International Journal of Environmental Research and Public Health*, **2022**, 19, 6001	4.6	1
55	Novel Evidence That Alternative Pathway of Complement Cascade Activation is Required for Optimal Homing and Engraftment of Hematopoietic Stem/progenitor Cells.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	0
54	The Concentration of the Factors Involved in Trafficking of Stem Cells in Long-Term Treated Bipolar Disorder Patients. *European Psychiatry*, **2017**, 41, S206-S206	6	
53	Novel view of the adult stem cell compartment of germline and parental imprinting **2015**, 2015, 1-20		
52	Very Small Embryonic-Like Stem Cells (VSELs) and Importance in Growth **2012**, 1257-1271		
51	Mobilization of Pluripotent Stem Cells in Patients with Myocardial Ischemia: From the Bench to Bedside. *Stem Cells and Cancer Stem Cells*, **2012**, 61-69		

50	Application of Epiblast/Germ Line-Derived Very Small Embryonic-Like Stem Cells for Neurogenesis. *Stem Cells and Cancer Stem Cells*, **2012**, 259-269	
49	Microvesicles and Their Emerging Role in Cellular Therapies for Organ and Tissue Regeneration **2013**, 203-216	
48	Population of Rh123dim human keratinocytes form holoclones. *Open Life Sciences*, **2009**, 4, 154-162	1.2
47	Peri-Operative Complement Activation During Early Phase of I/R Injury Does not Seem to Create a Pro-Regenerative Biochemical Signaling for Regeneration of Human Kidney Allografts. A Preliminary Report. *Transplantation*, **2012**, 94, 1134	1.8
46	CD8+/TCR- Graft Facilitating Cells Enhance Homing of Hematopoietic Stem Cells. *Transplantation*, **2012**, 94, 202	1.8
45	Why some cells are "more equal" than others?. *Blood*, **2009**, 114, 4913-4	2.2
44	Unexpected Novel Findings That Caspase-1-KO Mice Are Poor Mobilizers and Engraft Poorly with Wild Type Bone Marrow Cells - Indicating a Presence of an Autocrine Feedback Loop Involving Interleukin 1b and Interleukin 18 Signaling That Potentiates Nlrp3 Inflammasome Activity, Both in HSPCs and in the BM Microenvironment for Optimal Stem Cell Trafficking. *Blood*, **2020**, 136, 30-31	2.2
43	A Novel View of the Role of Prostaglandin E2 (PGE2) in Facilitating Engraftment of HSPCs By Activating the NOX2-ROS-Nlrp3 Inflammasome Axis to Incorporate the CXCR4 Receptor into Membrane Lipid Rafts. *Blood*, **2020**, 136, 3-3	2.2
42	Modulation of Purinergic Signaling Prior to Transplantation Both in Hematopoietic Stem Progenitor Cells (HSPCs) or Recipient Bone Marrow (BM) Microenvironment - As Novel Strategies to Accelerate and Facilitate HSPCs Homing and Engraftment. *Blood*, **2021**, 138, 3809-3809	2.2
41	Novel Evidence That Alternative Activation Pathway of Complement Cascade (ComC) Regulates Optimal Homing and Engraftment of Hematopoietic Stem/Progenitor Cells (HSPCs) in Reactive Oxygen Species (ROS) - Nlrp3 Inflammasome-Dependent Manner. *Blood*, **2021**, 138, 1683-1683	2.2
40	The Novel Role of the Third Complement Component (C3) in Megakaryopoiesis: Implications for Pathogenesis of Reactive Thrombocytosis.. *Blood*, **2004**, 104, 2906-2906	2.2
39	Promotion of Chimerism and Tolerance by Flt3 Ligand-Mobilized Facilitating Cells Is Associated with Upregulation of CXCR4 and SDF-1.. *Blood*, **2004**, 104, 1286-1286	2.2
38	Leukemia Inhibitory Factor: A Newly Identified Chemoattractant and Regulator of Metastasis of Rhabdomyosarcomas and Neuroblastomas to Bone Marrow.. *Blood*, **2004**, 104, 1278-1278	2.2
37	Evidence That CXCR4+ Neural Tissue-Committed Stem Cells (TCSC) Reside/Hide out in the Bone Marrow and Are Mobilized into the Peripheral Blood during Stroke.. *Blood*, **2004**, 104, 2698-2698	2.2
36	CXCR4+ CD45 Tissue-Committed Stem Cells (TCSC) for Myocardium Reside in the Bone Marrow, Are Mobilized into the Peripheral Blood during Myocardial Infarction, and Home to Infarcted Myocardium in CXCR4-SDF-1 and HGF/SF-c-Met Dependent Manner.. *Blood*, **2004**, 104, 2131-2131	2.2
35	Unexpected Evidence That Dimethylsulphoxide (DMSO) Upregulates Expression of CXCR4 on Hematopoietic Stem/Progenitor Cells (HSPC), Increases Their Responsiveness to an SDF-1 Gradient and Enhances Homing to Bone Marrow.. *Blood*, **2005**, 106, 1973-1973	2.2
34	C-met Receptor as a Potential Target for the Treatment of Patients with Multiple Myeloma.. *Blood*, **2005**, 106, 3395-3395	2.2
33	LIF-LIF-R and SDF-1-CXCR4 Axes Regulate Overlapping and Complementary Steps of Metastasis of Rhabdomyosarcoma - Implication for Developing Better Antimetastatic Therapies.. *Blood*, **2005**, 106, 2296-2296	2.2

32	Stem Cell Mobilization and Egress of AML Blasts from the Bone Marrow Are Both Regulated by MT-MMP-Mediated Activation of MMP-2.. *Blood*, **2005**, 106, 1368-1368	2.2
31	Evidence That Functional Neural Tissue-Committed Stem Cells (NTCSC) Reside in the Human Bone Marrow and Are Mobilized into Peripheral Blood in a Patients after Stroke.. *Blood*, **2005**, 106, 392-392	2.2
30	CD8+/TCR Graft Facilitating Cells Enhance HSC Engraftment and Survival Via TNF- Mediated Prevention of Apoptosis.. *Blood*, **2005**, 106, 1352-1352	2.2
29	Membrane Derived Micorvesicles - Underappreciated Components of the Tumor Microenvironment That Modulate Tumor Growth, Vascularization and Metastasis.. *Blood*, **2005**, 106, 473-473	2.2
28	A Novel Role for Thrombin in Hematopoietic Stem/Progenitor Cell Homing.. *Blood*, **2006**, 108, 3374-3374	2.2
27	An In Vitro and In Vivo Evidence That Downregulation of Leukemia Inhibitory Factor (LIF) Receptor (LIF-R) Decreases the Metastatic Potential of Human Rhabdomyosarcoma (RMS) Cells.. *Blood*, **2006**, 108, 2561-2561	2.2
26	Hematopoietic Allotransplant Studies in Complement Deficient Mice Reveal Beneficial Role of Innate Immunity in Ameliorating Consequences of GVHD.. *Blood*, **2006**, 108, 5165-5165	2.2
25	Impaired Engraftment of Hematopoietic Stem/Progenitor Cells (HSPC) in Immunodefcient Mice Supports an Important Role of Complement System for Optimal Homing.. *Blood*, **2006**, 108, 338-338	2.2
24	The Unexpected Role of C3a-C3aR Axis in Maturation of Erythroid Cells - Implications for Pathogenesis of Hypoxia-Related Polycythemias.. *Blood*, **2006**, 108, 651-651	2.2
23	Prospective In Vivo Identification of Osteogenic Stem/Progenitor Cells from Bone Marrow-Derived Lin/Sca-1+/CD45 Cells.. *Blood*, **2007**, 110, 1409-1409	2.2
22	C1q Complement Cascade Protein as a Novel Modulator of the SDF-1-CXCR4 Axis and Hematopoietic Stem/Progenitor Cell Trafficking.. *Blood*, **2007**, 110, 1212-1212	2.2
21	A Role for Complement System in Mobilization and Homing of Hematopoietic Stem/Progenitor Cells **2008**, 357-364	
20	Commentary: FSH and various forms of FSH receptors: distribution and their functions in gonads and extra-gonadal tissues. *Journal of Ovarian Research*, **2021**, 14, 146	5.5
19	The Bone Marrow "Mystery Population" of Stem Cells 20 Years Later - a Puzzle Solved?. *Blood*, **2015**, 126, 2392-2392	2.2
18	Ceramide-1-Phosphate and Its Role in Trafficking of Normal Stem Cells and Cancer Metastasis. *Pancreatic Islet Biology*, **2017**, 137-150	0.4
17	Potential Application of Very Small Embryonic Like (VSEL) Stem Cells in Neural Regeneration **2010**, 231-243	
16	The Number of Very Small Embryonic Like Stem Cells (VSELs) Decreases During Aging In An IGF-1-Dependent Manner - a Novel Link Between Aging, Caloric Restriction, and the Size of the Stem Cell Pool. *Blood*, **2010**, 116, 4796-4796	2.2
15	Very Small Embryonic-like Stem Cells and Their Potential Relevance for Kidney Homeostasis **2011**, 189-201	

14	Bone Marrow-Derived Very Small Embryonic-Like Cells: Cell Regeneration in Pancreatic Tissue **2012**, 335-343	
13	A Novel View of Paroxysmal Nocturnal Hemoglobinuria (PNH) Pathogenesis: Do Pathologic PNH Hematopoietic Stem/Progenitor Cells (HSPCs) Displace Normal HSPCs From Their Niches in Bone Marrow Because They Are More Motile Due to Defective Adhesion and Enhanced Migratory	2.2
12	A Novel Observation That Heme Oxygenase-1 (HO-1) Deficient Mice Are Easy Mobilizers and That HO-1 Plays An Important Role in Maintaining Expression of SDF-1 in Bone Marrow (BM) Stroma and Promotes Retention of Hematopoietic Stem/Progenitor Cells (HSPCs) in the Bone Marrow Microenvironment. *Blood*, **2011**, 118, 315-315	2.2
11	Identification and Isolation of Very SmaU Embryonic-like Stem Cells from Murine and Human Specimens	91-101
10	A Novel Evidence That PNH Affected Cells Residing in Bone Marrow (BM) Due to Impaired Incorporation of CXCR4 and VLA-4 Into Membrane Lipid Rafts Show Defective SDF-1- and VCAM-1-Mediated Retention in BM What Leads to Their Increased Motility and Impaired Interaction with the BM Stem Cell Niches. *Blood*, **2012**, 120, 1256-1256	2.2
9	Novel Role for Bioactive Lipids in Mobilization of Bone Marrow Stem Cells During Myocardial Ischemia: Sphingosine-1 Phosphate (S1P) As Potential Therapeutic Target. *Blood*, **2012**, 120, 1911-1911	2.2
8	Circulating bone marrow-derived stem cells in patients with pancreatic cancer.. *Journal of Clinical Oncology*, **2013**, 31, 200-200	2.2
7	The role of insulin-like growth factor 1, receptor activator for nuclear factor B ligand - osteoprotegerin system, interleukin 6 and 1 in post-transplantation bone metabolic disease in childhood. *Endokrynologia Polska*, **2013**, 64, 248-54	1.1
6	Novel Evidence That Crosstalk Between Three Evolutionarily Ancient Proteolytic Enzyme Cascades (coagulation, fibrinolysis, and complement) Plays An Important Role In Mobilization Of Hematopoietic Stem/Progenitor Cells (HSPCs). *Blood*, **2013**, 122, 903-903	2.2
5	Regenerative Medicine and the Search for Pluripotent/Multipotent Stem Cells. *Pancreatic Islet Biology*, **2014**, 1-17	0.4
4	Novel Therapeutic Approaches in Regenerative Medicine Adult Tissue-Derived Very Small Embryonic-like Stem Cells and Harnessing Paracrine Signals of Adult Stem Cells. *Pancreatic Islet Biology*, **2014**, 19-33	0.4
3	Stem Cell Homing **2016**, 21-34	
2	Very Small Embryonic Like Stem Cells (VSELs) and Their Hematopoietic Specification **2016**, 97-110	
1	Germinal Origin of Very Small Embryonic-Like Stem Cells (VSELs): Relation to Primordial Germ Cells. *Pancreatic Islet Biology*, **2022**, 243-262	0.4