

Mariusz Z Ratajczak

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.

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	Novel Evidence That Alternative Pathway of Complement Cascade Activation is Required for Optimal Homing and Engraftment of Hematopoietic Stem/progenitor Cells.. <i>Stem Cell Reviews and Reports</i> , 2022 , 1	7.3	0
480	Germinal Origin of Very Small Embryonic-Like Stem Cells (VSELs): Relation to Primordial Germ Cells. <i>Pancreatic Islet Biology</i> , 2022 , 243-262	0.4	
479	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.. <i>Leukemia</i> , 2022 ,	10.7	1
478	Psychopathology and Stem Cell Mobilization in Ultra-High Risk of Psychosis and First-Episode Psychosis Patients. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6001	4.6	1
477	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. <i>Blood</i> , 2021 , 138, 3809-3809	2.2	
476	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. <i>Blood</i> , 2021 , 138, 1683-1683	2.2	
475	Hematopoiesis and innate immunity: an inseparable couple for good and bad times, bound together by an hormetic relationship. <i>Leukemia</i> , 2021 ,	10.7	1
474	Commentary: FSH and various forms of FSH receptors: distribution and their functions in gonads and extra-gonadal tissues. <i>Journal of Ovarian Research</i> , 2021 , 14, 146	5.5	
473	The Nlrp3 inflammasome - the evolving story of its positive and negative effects on hematopoiesis. <i>Current Opinion in Hematology</i> , 2021 , 28, 251-261	3.3	5
472	Bone Marrow-Derived VSELs Engraft as Lung Epithelial Progenitor Cells after Bleomycin-Induced Lung Injury. <i>Cells</i> , 2021 , 10,	7.9	2
471	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. <i>Leukemia</i> , 2021 , 35, 3026-3029	10.7	10
470	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. <i>Leukemia</i> , 2021 ,	10.7	2
469	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. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 266-277	7.3	62
468	Heme Oxygenase 1 (HO-1) as an Inhibitor of Trafficking of Normal and Malignant Hematopoietic Stem Cells - Clinical and Translational Implications. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 821-828	7.3	4
467	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. <i>Molecular Psychiatry</i> , 2021 , 26, 1044-1059	15.1	44
466	Innate Immunity Communicates Using the Language of Extracellular Microvesicles. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 502-510	7.3	3
465	Danger-associated molecular pattern molecules take unexpectedly a central stage in Nlrp3 inflammasome-caspase-1-mediated trafficking of hematopoietic stem/progenitor cells. <i>Leukemia</i> , 2021 , 35, 2658-2671	10.7	5

464	P2Y14 Receptor as a Target for Neutrophilia Attenuation in Severe COVID-19 Cases: From Hematopoietic Stem Cell Recruitment and Chemotaxis to Thrombo-inflammation. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 241-252	7.3	8
463	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). <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 693-701	7.3	3
462	SARS-CoV-2 infection and overactivation of Nlrp3 inflammasome as a trigger of cytokine "storm" and risk factor for damage of hematopoietic stem cells. <i>Leukemia</i> , 2020 , 34, 1726-1729	10.7	102
461	Innate immunity orchestrates the mobilization and homing of hematopoietic stem/progenitor cells by engaging purinergic signaling-an update. <i>Purinergic Signalling</i> , 2020 , 16, 153-166	3.8	12
460	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. <i>Purinergic Signalling</i> , 2020 , 16, 313-325	3.8	11
459	Novel Evidence that Purinergic Signaling - Nlrp3 Inflammasome Axis Regulates Circadian Rhythm of Hematopoietic Stem/Progenitor Cells Circulation in Peripheral Blood. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 335-343	7.3	13
458	The Nlrp3 inflammasome as a "rising star" in studies of normal and malignant hematopoiesis. <i>Leukemia</i> , 2020 , 34, 1512-1523	10.7	40
457	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 Endothelial Progenitor Cells. <i>Leukemia</i> , 2020 , 34, 1512-1523	2.2	
456	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. <i>Blood</i> , 2020 , 136, 3-3	2.2	
455	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". <i>Blood</i> , 2020 , 136, 8-8	2.2	4
454	Valproic Acid Decreases Endothelial Colony Forming Cells Differentiation and Induces Endothelial-to-Mesenchymal Transition-like Process. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 357-368	7.3	4
453	Identification of Human Very Small Embryonic like Stem Cells (VSELS) in Human Heart Tissue Among Young and Old Individuals. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 181-185	7.3	7
452	Nlrp3 Inflammasome Signaling Regulates the Homing and Engraftment of Hematopoietic Stem Cells (HSPCs) by Enhancing Incorporation of CXCR4 Receptor into Membrane Lipid Rafts. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 954-967	7.3	17
451	Markers of Regenerative Processes in Patients with Bipolar Disorder: A Case-control Study. <i>Brain Sciences</i> , 2020 , 10,	3.4	1
450	Extracellular microvesicles/exosomes: discovery, disbelief, acceptance, and the future?. <i>Leukemia</i> , 2020 , 34, 3126-3135	10.7	53
449	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. <i>Frontiers in Immunology</i> , 2020 , 11, 603942	8.4	4
448	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. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 892-899	7.3	19
447	Review of animal models of bipolar disorder that alter ion regulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 107, 208-214	9	3

446	Very Small Embryonic-Like Stem Cells (VSELs). <i>Circulation Research</i> , 2019 , 124, 208-210	15.7	59
445	The Complement Cascade as a Mediator of Human Malignant Hematopoietic Cell Trafficking. <i>Frontiers in Immunology</i> , 2019 , 10, 1292	8.4	8
444	The Nlrp3 Inflammasome Orchestrates Mobilization of Bone Marrow-Residing Stem Cells into Peripheral Blood. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 391-403	6.4	35
443	ATP-Nlrp3 Inflammasome-Complement Cascade Axis in Sterile Brain Inflammation in Psychiatric Patients and its Impact on Stem Cell Trafficking. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 497-505	6.4	17
442	Increased methylation upstream of the MEG3 promotor is observed in acute myeloid leukemia patients with better overall survival. <i>Clinical Epigenetics</i> , 2019 , 11, 50	7.7	13
441	NLRP3 inflammasome couples purinergic signaling with activation of the complement cascade for the optimal release of cells from bone marrow. <i>Leukemia</i> , 2019 , 33, 815-825	10.7	31
440	Novel evidence that an alternative complement cascade pathway is involved in optimal mobilization of hematopoietic stem/progenitor cells in Nlrp3 inflammasome-dependent manner. <i>Leukemia</i> , 2019 , 33, 2967-2970	10.7	10
439	An Overview of Novel Unconventional Mechanisms of Hematopoietic Development and Regulators of Hematopoiesis - a Roadmap for Future Investigations. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 785-794 ³	7.3	15
438	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. <i>Blood</i> , 2019 , 134, 4472-4472	2.2	3
437	Potential Clinical Applications of Stem Cells in Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1201, 1-22	3.6	21
436	Plausible Links Between Metabolic Networks, Stem Cells, and Longevity. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1201, 355-388	3.6	3
435	Hematopoietic Stem and Progenitor Cells (HSPCs). <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1201, 49-77	3.6	8
434	Stem Cells in Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1201, 159-174	3.6	3
433	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. <i>Stem Cell Reviews and Reports</i> , 2019 , 15, 139-154	6.4	16
432	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. <i>Leukemia</i> , 2018 , 32, 1116-1123	10.7	34
431	Evaluation of a developmental hierarchy for breast cancer cells to assess risk-based patient selection for targeted treatment. <i>Scientific Reports</i> , 2018 , 8, 367	4.9	15
430	Novel evidence that extracellular nucleotides and purinergic signaling induce innate immunity-mediated mobilization of hematopoietic stem/progenitor cells. <i>Leukemia</i> , 2018 , 32, 1920-1931 ^{10.7}	10.7	31
429	Stem cells and their potential clinical applications in psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 80, 3-9	5.5	2

428	Adult stem cells in psychiatric disorders - New discoveries in peripheral blood. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 80, 23-27	5.5	7
427	Stem cells, pluripotency and glial cell markers in peripheral blood of bipolar patients on long-term lithium treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 80, 28-33	5.5	15
426	Kinin and Purine Signaling Contributes to Neuroblastoma Metastasis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 500	5.6	25
425	Sterile Inflammation of Brain, due to Activation of Innate Immunity, as a Culprit in Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2018 , 9, 60	5	15
424	The Emerging Link Between the Complement Cascade and Purinergic Signaling in Stress Hematopoiesis. <i>Frontiers in Immunology</i> , 2018 , 9, 1295	8.4	17
423	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. <i>Stem Cell Reviews and Reports</i> , 2018 , 14, 823-836	6.4	4
422	Bioactive Sphingolipids, Complement Cascade, and Free Hemoglobin Levels in Stable Coronary Artery Disease and Acute Myocardial Infarction. <i>Mediators of Inflammation</i> , 2018 , 2018, 2691934	4.3	4
421	Novel evidence that pituitary sex hormones regulate migration, adhesion, and proliferation of embryonic stem cells and teratocarcinoma cells. <i>Oncology Reports</i> , 2018 , 39, 851-859	3.5	3
420	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. <i>Blood</i> , 2018 , 132, 2060-2060	2.2	2
419	A novel potential role of pituitary gonadotropins in the pathogenesis of human colorectal cancer. <i>PLoS ONE</i> , 2018 , 13, e0189337	3.7	6
418	Assessment of Complement Cascade Components in Patients With Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018 , 9, 614	5	14
417	Cancer from the perspective of stem cells and misappropriated tissue regeneration mechanisms. <i>Leukemia</i> , 2018 , 32, 2519-2526	10.7	33
416	Daily Onset of Light and Darkness Differentially Controls Hematopoietic Stem Cell Differentiation and Maintenance. <i>Cell Stem Cell</i> , 2018 , 23, 572-585.e7	18	59
415	Cathelicidin Related Antimicrobial Peptide (CRAMP) Enhances Bone Marrow Cell Retention and Attenuates Cardiac Dysfunction in a Mouse Model of Myocardial Infarction. <i>Stem Cell Reviews and Reports</i> , 2018 , 14, 702-714	6.4	6
414	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. <i>Stem Cell Reviews and Reports</i> , 2018 , 14, 677-685	6.4	21
413	The effect of long-term lithium treatment of bipolar disorder on stem cells circulating in peripheral blood. <i>World Journal of Biological Psychiatry</i> , 2017 , 18, 54-62	3.8	11
412	A Novel View of the Adult Stem Cell Compartment From the Perspective of a Quiescent Population of Very Small Embryonic-Like Stem Cells. <i>Circulation Research</i> , 2017 , 120, 166-178	15.7	77
411	Sirt1 Regulates DNA Methylation and Differentiation Potential of Embryonic Stem Cells by Antagonizing Dnmt3l. <i>Cell Reports</i> , 2017 , 18, 1930-1945	10.6	53

410	Prolonged Growth Hormone/Insulin/Insulin-like Growth Factor Nutrient Response Signaling Pathway as a Silent Killer of Stem Cells and a Culprit in Aging. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 443-453	6.4	26
409	Pituitary sex hormones enhance the pro-metastatic potential of human lung cancer cells by downregulating the intracellular expression of heme oxygenase-1. <i>International Journal of Oncology</i> , 2017 , 50, 317-328	4.4	9
408	Why are hematopoietic stem cells so 'sexy'? on a search for developmental explanation. <i>Leukemia</i> , 2017 , 31, 1671-1677	10.7	29
407	Of Cytometry, Stem Cells and Fountain of Youth. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 465-481	6.4	13
406	Mobilization of Peripheral Blood Stem Cells and Changes in the Concentration of Plasma Factors Influencing their Movement in Patients with Panic Disorder. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 217-225	6.4	11
405	Ovarian Cancer Stem Cells: Unraveling a Germline Connection. <i>Stem Cells and Development</i> , 2017 , 26, 1781-1803	4.4	17
404	HIDES spectroscopy of bright detached eclipsing binaries from the Kepler field III. Double- and triple-lined objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 1726-1746	4.3	14
403	Poor Mobilization in T-Cell-Deficient Nude Mice Is Explained by Defective Activation of Granulocytes and Monocytes. <i>Cell Transplantation</i> , 2017 , 26, 83-93	4	9
402	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. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 774-780	6.4	8
401	Signaling of the Complement Cleavage Product Anaphylatoxin C5a Through C5aR (CD88) Contributes to Pharmacological Hematopoietic Stem Cell Mobilization. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 793-800	6.4	12
400	Extracellular Microvesicles as Game Changers in Better Understanding the Complexity of Cellular Interactions-From Bench to Clinical Applications. <i>American Journal of the Medical Sciences</i> , 2017 , 354, 449-452	2.2	22
399	The Concentration of the Factors Involved in Trafficking of Stem Cells in Long-Term Treated Bipolar Disorder Patients. <i>European Psychiatry</i> , 2017 , 41, S206-S206	6	
398	Innate Immunity and Mobilization of Hematopoietic Stem Cells. <i>Current Stem Cell Reports</i> , 2017 , 3, 172-180		10
397	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. <i>Leukemia</i> , 2017 , 31, 262-265	10.7	34
396	Inducible Nitric Oxide Synthase (iNOS) Is a Novel Negative Regulator of Hematopoietic Stem/Progenitor Cell Trafficking. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 92-103	6.4	29
395	Activation of the complement cascade enhances motility of leukemic cells by downregulating expression of HO-1. <i>Leukemia</i> , 2017 , 31, 446-458	10.7	35
394	Novel pleiotropic effects of bioactive phospholipids in human lung cancer metastasis. <i>Oncotarget</i> , 2017 , 8, 58247-58263	3.3	18
393	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. <i>Oncotarget</i> , 2017 , 8, 65588-65600	3.3	14

392	Withaferin A (WFA) inhibits tumor growth and metastasis by targeting ovarian cancer stem cells. <i>Oncotarget</i> , 2017 , 8, 74494-74505	3.3	25
391	Verrucarin J inhibits ovarian cancer and targets cancer stem cells. <i>Oncotarget</i> , 2017 , 8, 92743-92756	3.3	3
390	Erythropoietin enhances migration of human neuroblastoma cells: in vitro studies and potential therapeutic implications. <i>Journal of Cancer Stem Cell Research</i> , 2017 , 5,		2
389	Ceramide-1-Phosphate and Its Role in Trafficking of Normal Stem Cells and Cancer Metastasis. <i>Pancreatic Islet Biology</i> , 2017 , 137-150	0.4	
388	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?. <i>Clinical and Translational Medicine</i> , 2016 , 5, 28	5.7	9
387	Downregulation of Heme Oxygenase 1 (HO-1) Activity in Hematopoietic Cells Enhances Their Engraftment After Transplantation. <i>Cell Transplantation</i> , 2016 , 25, 1265-76	4	30
386	Extracellular Microvesicles (ExMV) in Cell to Cell Communication: A Role of Telocytes. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 913, 41-49	3.6	20
385	Characterization of Human CD8(+)TCR(-) Facilitating Cells In Vitro and In Vivo in a NOD/SCID/IL2r(hull) Mouse Model. <i>American Journal of Transplantation</i> , 2016 , 16, 440-53	8.7	10
384	Horizontal transfer of RNA and proteins between cells by extracellular microvesicles: 14 years later. <i>Clinical and Translational Medicine</i> , 2016 , 5, 7	5.7	104
383	Human haematopoietic stem/progenitor cells express several functional sex hormone receptors. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 134-46	5.6	39
382	Evidence that a lipolytic enzyme--hematopoietic-specific phospholipase C- α --promotes mobilization of hematopoietic stem cells by decreasing their lipid raft-mediated bone marrow retention and increasing the promobilizing effects of granulocytes. <i>Leukemia</i> , 2016 , 30, 919-28	10.7	30
381	Emerging Strategies to Enhance Homing and Engraftment of Hematopoietic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2016 , 12, 121-8	6.4	67
380	DOXIL when combined with Withaferin A (WFA) targets ALDH1 positive cancer stem cells in ovarian cancer. <i>Journal of Cancer Stem Cell Research</i> , 2016 , 4,		27
379	Vitronectin in the ascites of human ovarian carcinoma acts as a potent chemoattractant for ovarian carcinoma: Implication for metastasis by cancer stem cells. <i>Journal of Cancer Stem Cell Research</i> , 2016 , 4,		5
378	Novel evidence that pituitary gonadotropins directly stimulate human leukemic cells-studies of myeloid cell lines and primary patient AML and CML cells. <i>Oncotarget</i> , 2016 , 7, 3033-46	3.3	16
377	Stem cells and clinical practice: new advances and challenges at the time of emerging problems with induced pluripotent stem cell therapies. <i>Polish Archives of Internal Medicine</i> , 2016 , 126, 879-890	1.9	11
376	Paracrine Effects of Fetal Stem Cells. <i>Pancreatic Islet Biology</i> , 2016 , 47-56	0.4	1
375	Involvement of BAFF and APRIL in Resistance to Apoptosis of Acute Myeloid Leukemia. <i>Journal of Cancer</i> , 2016 , 7, 1979-1983	4.5	7

374 Stem Cell Homing **2016**, 21-34

373 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

372 Parentally imprinted genes regulate hematopoiesis-new evidence from the Dlk1-Gtl2 locus. *Stem Cell Investigation*, **2016**, 3, 29 5.1 2

371 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

370 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

369 Challenges in Translating Germinal Stem Cell Research and Therapy. *Stem Cells International*, **2016**, 2016, 4687378 5 1

368 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

367 Expression of Cancer Testis Antigens in Colorectal Cancer: New Prognostic and Therapeutic Implications. *Disease Markers*, **2016**, 2016, 1987505 3.2 15

366 Human rhabdomyosarcoma cells express functional pituitary and gonadal sex hormone receptors: Therapeutic implications. *International Journal of Oncology*, **2016**, 48, 1815-24 4.4 10

365 The Involvement of Hematopoietic-Specific PLC- β in Homing and Engraftment of Hematopoietic Stem/Progenitor Cells. *Stem Cell Reviews and Reports*, **2016**, 12, 613-620 6.4 8

364 Effect of colorectal cancer on the number of normal stem cells circulating in peripheral blood. *Oncology Reports*, **2016**, 36, 3635-3642 3.5 6

363 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

362 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

361 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

360 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

359 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

358 Very Small Embryonic Like Stem Cells (VSELs) and Their Hematopoietic Specification **2016**, 97-110

357 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

356	A novel view of the adult bone marrow stem cell hierarchy and stem cell trafficking. <i>Leukemia</i> , 2015 , 29, 776-82	10.7	90
355	Further evidence that paroxysmal nocturnal haemoglobinuria is a disorder of defective cell membrane lipid rafts. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2193-201	5.6	8
354	Challenges, progress, and new directions in stem cell therapies: a new section launched in Clinical and Translational Medicine. <i>Clinical and Translational Medicine</i> , 2015 , 4, 30	5.7	1
353	Extracellular nucleotides as novel, underappreciated pro-metastatic factors that stimulate purinergic signaling in human lung cancer cells. <i>Molecular Cancer</i> , 2015 , 14, 201	42.1	37
352	Evidence for the involvement of sphingosine-1-phosphate in the homing and engraftment of hematopoietic stem cells to bone marrow. <i>Oncotarget</i> , 2015 , 6, 18819-28	3.3	34
351	Novel view of the adult stem cell compartment of germline and parental imprinting 2015 , 2015, 1-20		
350	Membrane lipid rafts, master regulators of hematopoietic stem cell retention in bone marrow and their trafficking. <i>Leukemia</i> , 2015 , 29, 1452-7	10.7	54
349	Identification of heme oxygenase 1 (HO-1) as a novel negative regulator of mobilization of hematopoietic stem/progenitor cells. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 110-8	6.4	43
348	The cell cycle- and insulin-signaling-inhibiting miRNA expression pattern of very small embryonic-like stem cells contributes to their quiescent state. <i>Experimental Biology and Medicine</i> , 2015 , 240, 1107-11	3.7	10
347	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. <i>Journal of Ovarian Research</i> , 2015 , 8, 20	5.5	33
346	Pharmacological Elevation of Circulating Bioactive Phosphosphingolipids Enhances Myocardial Recovery After Acute Infarction. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 1333-43	6.9	18
345	Human rhabdomyosarcoma cells express functional erythropoietin receptor: Potential therapeutic implications. <i>International Journal of Oncology</i> , 2015 , 47, 1989-97	4.4	5
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