# Paul S Frenette

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 242 papers | 37,648 citations | 4146<br>87 h-index | 3034<br>188 g-index |
| 256 all docs | 256 docs citations | 256 times ranked | 38490 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The microbiota regulates hematopoietic stem cell fate decisions by controlling iron availability in bone marrow. Cell Stem Cell, 2022, 29, 232-247.e7. | 11.1 | 41 |
| 2 | VCAM1 confers innate immune tolerance on haematopoietic and leukaemic stem cells. Nature Cell Biology, 2022, 24, 290-298. | 10.3 | 19 |
| 3 | Tet-mediated DNA demethylation regulates specification of hematopoietic stem and progenitor cells during mammalian embryogenesis. Science Advances, 2022, 8, eabm3470. | 10.3 | 13 |
| 4 | Brain motor and fear circuits regulate leukocytes during acute stress. Nature, 2022, 607, 578-584. | 27.8 | 69 |
| 5 | Nociceptors protect sickle cell disease mice from vaso-occlusive episodes and chronic organ damage. Journal of Experimental Medicine, 2021, 218, . | 8.5 | 12 |
| 6 | Nociceptive nerves regulate haematopoietic stem cell mobilization. Nature, 2021, 589, 591-596. | 27.8 | 99 |
| 7 | Using CT-guided stereotactic prostate radiation therapy (CT-SPRT) to assess sustained murine prostate ablation. Scientific Reports, 2021, 11, 6571. | 3.3 | 0 |
| 8 | Bone marrow NG2+/Nestin+ mesenchymal stem cells drive DTC dormancy via TGF-Î²2. Nature Cancer, 2021, 2, 327-339. | 13.2 | 68 |
| 9 | Olinciguat, a stimulator of soluble guanylyl cyclase, attenuates inflammation, vasoâ€occlusion and nephropathy in mouse models of sickle cell disease. British Journal of Pharmacology, 2021, 178, 3463-3475. | 5.4 | 12 |
| 10 | MAEA is an E3 ubiquitin ligase promoting autophagy and maintenance of haematopoietic stem cells. Nature Communications, 2021, 12, 2522. | 12.8 | 27 |
| 11 | Niche derived netrin-1 regulates hematopoietic stem cell dormancy via its receptor neogenin-1. Nature Communications, 2021, 12, 608. | 12.8 | 39 |
| 12 | Very low incidence of <i>Clostridioides difficile</i> infection in pediatric sickle cell disease patients. Haematologica, 2021, 106, 1489-1490. | 3.5 | 3 |
| 13 | In Situ Hematopoietic Stem Cell Imaging. Methods in Molecular Biology, 2021, 2185, 373-382. | 0.9 | 0 |
| 14 | Future directions in preclinical and translational cancer neuroscience research. Nature Cancer, 2020, 1, 1027-1031. | 13.2 | 19 |
| 15 | The Gut Microbiome Regulates Psychological-Stress-Induced Inflammation. Immunity, 2020, 53, 417-428.e4. | 14.3 | 78 |
| 16 | Snai2 Maintains Bone Marrow Niche Cells by Repressing Osteopontin Expression. Developmental Cell, 2020, 53, 503-513.e5. | 7.0 | 14 |
| 17 | Clinically Actionable Strategies for Studying Neural Influences in Cancer. Cancer Cell, 2020, 38, 11-14. | 16.8 | 30 |
| 18 | Randomized phase 2 trial of Intravenous Gamma Globulin (IVIG) for the treatment of acute vaso-occlusive crisis in patients with sickle cell disease: Lessons learned from the midpoint analysis. Complementary Therapies in Medicine, 2020, 52, 102481. | 2.7 | 5 |

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|---|---|---|---|
| 19 | Beneficial Effects of Soluble Guanylyl Cyclase Stimulation and Activation in Sickle Cell Disease Are Amplified by Hydroxyurea: In Vitro and In Vivo Studies. Journal of Pharmacology and Experimental Therapeutics, 2020, 374, 469-478. | 2.5 | 10 |
| 20 | Nerves in cancer. Nature Reviews Cancer, 2020, 20, 143-157. | 28.4 | 229 |
| 21 | Use of beta-blocker types and risk of incident prostate cancer in a multiethnic population. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 794.e11-794.e16. | 1.6 | 11 |
| 22 | Roadmap for the Emerging Field of Cancer Neuroscience. Cell, 2020, 181, 219-222. | 28.9 | 182 |
| 23 | Artery-Associated Sympathetic Innervation Drives Rhythmic Vascular Inflammation of Arteries and Veins. Circulation, 2019, 140, 1100-1114. | 1.6 | 37 |
| 24 | Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. Cell, 2019, 178, 1102-1114.e17. | 28.9 | 254 |
| 25 | The good side of inflammation: Staphylococcus aureus proteins SpA and Sbi contribute to proper abscess formation and wound healing during skin and soft tissue infections. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2657-2670. | 3.8 | 12 |
| 26 | Nestin+NG2+ Cells Form a Reserve Stem Cell Population in the Mouse Prostate. Stem Cell Reports, 2019, 12, 1201-1211. | 4.8 | 7 |
| 27 | Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973. | 2.9 | 766 |
| 28 | Maea expressed by macrophages, but not erythroblasts, maintains postnatal murine bone marrow erythroblastic islands. Blood, 2019, 133, 1222-1232. | 1.4 | 44 |
| 29 | Cross talk between neutrophils and the microbiota. Blood, 2019, 133, 2168-2177. | 1.4 | 87 |
| 30 | The bone marrow microenvironment at single-cell resolution. Nature, 2019, 569, 222-228. | 27.8 | 624 |
| 31 | Engineering a haematopoietic stem cell niche by revitalizing mesenchymal stromal cells. Nature Cell Biology, 2019, 21, 560-567. | 10.3 | 74 |
| 32 | Seasonal manifestations of sickle cell disease activity. Nature Medicine, 2019, 25, 536-537. | 30.7 | 4 |
| 33 | Haematopoietic stem cell activity andÂinteractions with the niche. Nature Reviews Molecular Cell Biology, 2019, 20, 303-320. | 37.0 | 588 |
| 34 | Macrophage Transfer to HSCs Assigns Residence in Bone Marrow. Blood, 2019, 134, 276-276. | 1.4 | 1 |
| 35 | Engineering a Hematopoietic Stem Cell Niche By Revitalizing Mesenchymal Stem Cells with Five Transcription Factors. Blood, 2019, 134, 5004-5004. | 1.4 | 0 |
| 36 | VCAM1 Confers Innate Immune Tolerance on Hematopoietic and Leukemic Stem Cells. Blood, 2019, 134, 524-524. | 1.4 | 0 |

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|---|---|---|---|
| 37 | No Evidence for Hematopoietic Stem Cell Self-Renewal in-Vivo Following Inflammatory Challenge. Blood, 2019, 134, 456-456. | 1.4 | 1 |
| 38 | The Gut Microbiome Regulates Psychological Stress-Induced Inflammation in Sickle Cell Disease. Blood, 2019, 134, 205-205. | 1.4 | 0 |
| 39 | Neural Regulation of Bone and Bone Marrow. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a031344. | 6.2 | 63 |
| 40 | Niches for Hematopoietic Stem Cells and Their Progeny. Immunity, 2018, 48, 632-648. | 14.3 | 290 |
| 41 | Lineage-Biased Hematopoietic Stem Cells Are Regulated by Distinct Niches. Developmental Cell, 2018, 44, 634-641.e4. | 7.0 | 154 |
| 42 | CD150high Bone Marrow Tregs Maintain Hematopoietic Stem Cell Quiescence and Immune Privilege via Adenosine. Cell Stem Cell, 2018, 22, 445-453.e5. | 11.1 | 188 |
| 43 | The hematopoietic stem cell niche: from embryo to adult. Development (Cambridge), 2018, 145, . | 2.5 | 155 |
| 44 | A non-cell-autonomous role for Pml in the maintenance of leukemia from the niche. Nature Communications, 2018, 9, 66. | 12.8 | 25 |
| 45 | Granulocyte-derived TNFÎ± promotes vascular and hematopoietic regeneration in the bone marrow. Nature Medicine, 2018, 24, 95-102. | 30.7 | 78 |
| 46 | The Majority of CD45â€“ÂTer119â€“ÂCD31â€“ Bone Marrow Cell Fraction Is of Hematopoietic Origin and Contains Erythroid and Lymphoid Progenitors. Immunity, 2018, 49, 627-639.e6. | 14.3 | 36 |
| 47 | Stem cell factor is selectively secreted by arterial endothelial cells in bone marrow. Nature Communications, 2018, 9, 2449. | 12.8 | 145 |
| 48 | Adrenergic nerve degeneration in bone marrow drives aging of the hematopoietic stem cell niche. Nature Medicine, 2018, 24, 782-791. | 30.7 | 253 |
| 49 | Maea is a Critical Regulator of Hematopoietic Stem Cell and Erythroblastic Island Macrophage Maintenance. Experimental Hematology, 2018, 64, S46. | 0.4 | 0 |
| 50 | Microbiota and Neutrophil Development. Blood, 2018, 132, SCI-31-SCI-31. | 1.4 | 0 |
| 51 | Differential cytokine contributions of perivascular haematopoietic stem cell niches. Nature Cell Biology, 2017, 19, 214-223. | 10.3 | 332 |
| 52 | Cholinergic Signals from the CNS Regulate G-CSF-Mediated HSC Mobilization from Bone Marrow via a Glucocorticoid Signaling Relay. Cell Stem Cell, 2017, 20, 648-658.e4. | 11.1 | 68 |
| 53 | Complexity of bone marrow hematopoietic stem cell niche. International Journal of Hematology, 2017, 106, 45-54. | 1.6 | 109 |
| 54 | T-Regulating Hair Follicle Stem Cells. Immunity, 2017, 46, 979-981. | 14.3 | 15 |

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|---|---|---|---|
| 55 | Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797. | 2.9 | 505 |
| 56 | Adrenergic nerves activate an angio-metabolic switch in prostate cancer. Science, 2017, 358, 321-326. | 12.6 | 304 |
| 57 | Stimulation of adrenergic activity by desipramine enhances hematopoietic stem and progenitor cell mobilization along with Gâ€CSF in multiple myeloma: A pilot study. American Journal of Hematology, 2017, 92, 1047-1051. | 4.1 | 11 |
| 58 | Abstract 1821: Sympathetic nerves regulate a metabolic switch promoting angiogenesis through adrenergic signaling in prostate cancer. , 2017, , . | | 0 |
| 59 | Adenosine from Niche-Associated Tregs Maintains Hematopoietic Stem Cell Quiescence. Blood, 2017, 130, 91-91. | 1.4 | 2 |
| 60 | A Time Bomb for Leukemia. Cell, 2016, 165, 262-263. | 28.9 | 1 |
| 61 | Neutrophils, platelets, and inflammatory pathways at the nexus of sickle cell disease pathophysiology. Blood, 2016, 127, 801-809. | 1.4 | 288 |
| 62 | Self-renewal of a purified <i>Tie2</i> <sup>+</sup> hematopoietic stem cell population relies on mitochondrial clearance. Science, 2016, 354, 1156-1160. | 12.6 | 251 |
| 63 | Hematopoietic stem cell niche through the ages. Experimental Hematology, 2016, 44, S33. | 0.4 | 0 |
| 64 | Targeting Mac-1-mediated leukocyteâ€"RBC interactions uncouples the benefits for acute vaso-occlusion and chronic organ damage. Experimental Hematology, 2016, 44, 940-946. | 0.4 | 15 |
| 65 | HSC Contribution in Making Steady-State Blood. Immunity, 2016, 45, 464-466. | 14.3 | 7 |
| 66 | Niche heterogeneity in the bone marrow. Annals of the New York Academy of Sciences, 2016, 1370, 82-96. | 3.8 | 235 |
| 67 | Fetal liver hematopoietic stem cell niches associate with portal vessels. Science, 2016, 351, 176-180. | 12.6 | 193 |
| 68 | Activated Neutrophils Are Associated with Pediatric Cerebral Malaria Vasculopathy in Malawian Children. MBio, 2016, 7, e01300-15. | 4.1 | 70 |
| 69 | Leukocytes in the Vaso-Occlusive Process. , 2016, , 91-107. | | 2 |
| 70 | Sympathetic neural regulation of angiogenesis through Adrb2 in prostate cancer: A novel therapeutic target.. Journal of Clinical Oncology, 2016, 34, 11524-11524. | 1.6 | 0 |
| 71 | Vcam1 Is a "Don't-Eat-Me" Signal on Healthy Hematopoietic and Leukemic Stem Cells. Blood, 2016, 128, 565-565. | 1.4 | 0 |
| 72 | F4/80 Identifies a Subset of Non-Mobilizable Bone Marrow HSCs Involved in Stress-Induced Hematopoiesis. Blood, 2016, 128, 569-569. | 1.4 | 0 |

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|---|---|---|---|
| 73 | Hematopoietic Stem Cells Fail to Regenerate In Vivo Following Inflammatory Stress. Blood, 2016, 128, 1472-1472. | 1.4 | 0 |
| 74 | Loss of Adrenergic Nerves in the Bone Marrow Microenvironment Drives an Aging HSC Niche Phenotype. Blood, 2016, 128, 169-169. | 1.4 | 9 |
| 75 | Singleâ€dose intravenous gammaglobulin can stabilize neutrophil <scp>M</scp>acâ€1 activation in sickle cell pain crisis. American Journal of Hematology, 2015, 90, 381-385. | 4.1 | 34 |
| 76 | Regulation of leucocyte homeostasis in the circulation. Cardiovascular Research, 2015, 107, 340-351. | 3.8 | 79 |
| 77 | Neural Regulation of Hematopoiesis, Inflammation, and Cancer. Neuron, 2015, 86, 360-373. | 8.1 | 184 |
| 78 | Making sense of hematopoietic stem cell niches. Blood, 2015, 125, 2621-2629. | 1.4 | 342 |
| 79 | Neutrophil ageing is regulated by the microbiome. Nature, 2015, 525, 528-532. | 27.8 | 627 |
| 80 | No â€œKindlin,â€•itâ€™s all about HSC balance. Journal of Experimental Medicine, 2015, 212, 1341-1342. | 8.5 | 0 |
| 81 | Macrophage Erythroblast Attacher (MAEA), but Not VCAM1, Is Required for the Bone Marrow Erythroblastic Niche. Blood, 2015, 126, 2128-2128. | 1.4 | 13 |
| 82 | Stimulation of Adrenergic Activity By Desipramine Enhances Hematopoietic Stem and Progenitor Cell Mobilization Along with G-CSF in Multiple Myeloma - a Pilot Study of Safety and Efficacy. Blood, 2015, 126, 3101-3101. | 1.4 | 0 |
| 83 | Distinct Contributions By Perivascular Niche Cells in Hematopoietic Stem Cell Maintenance. Blood, 2015, 126, 661-661. | 1.4 | 1 |
| 84 | Targeting Neutrophil Aging and the Microbiota for the Treatment of Sickle Cell Disease. Blood, 2015, 126, 279-279. | 1.4 | 0 |
| 85 | Muscarinic Receptor Type-1 Regulates Centrally Hematopoietic Stem Cell Mobilization By Granulocyte-Colony Stimulating Factor Via the Hypothalamic-Pituitary Axis. Blood, 2015, 126, 898-898. | 1.4 | 0 |
| 86 | Alternative CD44 splicing in intestinal stem cells and tumorigenesis. Oncogene, 2014, 33, 537-538. | 5.9 | 41 |
| 87 | Influences of vascular niches on hematopoietic stem cell fate. International Journal of Hematology, 2014, 99, 699-705. | 1.6 | 32 |
| 88 | Small RNAs derived from lncRNA RNase MRP have gene-silencing activity relevant to human cartilageâ€“hair hypoplasia. Human Molecular Genetics, 2014, 23, 368-382. | 2.9 | 83 |
| 89 | Megakaryocytes regulate hematopoietic stem cell quiescence through CXCL4 secretion. Nature Medicine, 2014, 20, 1315-1320. | 30.7 | 483 |
| 90 | Acute Myelogenous Leukemia-Induced Sympathetic Neuropathy Promotes Malignancy in an Altered Hematopoietic Stem Cell Niche. Cell Stem Cell, 2014, 15, 365-375. | 11.1 | 308 |

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|---|---|---|---|
| 91 | Megakaryocytes regulate hematopoietic stem cell quiescence via CXCL4 secretion. Experimental Hematology, 2014, 42, S18. | 0.4 | 3 |
| 92 | Ductus venosus-associated pericytes form a niche regulating hematopoietic stem cell proliferation in the fetal liver. Experimental Hematology, 2014, 42, S19. | 0.4 | 0 |
| 93 | Hematopoietic stem cell niche maintenance during homeostasis and regeneration. Nature Medicine, 2014, 20, 833-846. | 30.7 | 628 |
| 94 | Heme-induced neutrophil extracellular traps contribute to the pathogenesis of sickle cell disease. Blood, 2014, 123, 3818-3827. | 1.4 | 281 |
| 95 | Reprogramming finds its niche. Nature, 2014, 511, 301-302. | 27.8 | 5 |
| 96 | Osterix Marks Distinct Waves of Primitive and Definitive Stromal Progenitors during Bone Marrow Development. Developmental Cell, 2014, 29, 340-349. | 7.0 | 365 |
| 97 | Vasculature-Associated Cells Expressing Nestin in Developing Bones Encompass Early Cells in the Osteoblast and Endothelial Lineage. Developmental Cell, 2014, 29, 330-339. | 7.0 | 160 |
| 98 | Vaso-Occlusion-Promoting Neutrophil Mac-1 Integrin Activation in Human Sickle Cell Crises Is Stabilized By a Single Dose of Intravenous Gammaglobulin. Blood, 2014, 124, 4089-4089. | 1.4 | 4 |
| 99 | Prospective cohort study of the circadian rhythm pattern in allogeneic sibling donors undergoing standard granulocyte colony-stimulating factor mobilization. Stem Cell Research and Therapy, 2013, 4, 30. | 5.5 | 7 |
| 100 | Autonomic Nerve Development Contributes to Prostate Cancer Progression. Science, 2013, 341, 1236361. | 12.6 | 851 |
| 101 | Peri-vascular megakaryocytes restrain hematopoietic stem cell proliferation. Experimental Hematology, 2013, 41, S12. | 0.4 | 0 |
| 102 | Arteriolar niches maintain haematopoietic stem cell quiescence. Nature, 2013, 502, 637-643. | 27.8 | 1,002 |
| 103 | Vaso-occlusion in sickle cell disease: pathophysiology and novel targeted therapies. Blood, 2013, 122, 3892-3898. | 1.4 | 281 |
| 104 | The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. Nature Medicine, 2013, 19, 35-42. | 30.7 | 1,032 |
| 105 | Mesenchymal Stem Cell: Keystone of the Hematopoietic Stem Cell Niche and a Stepping-Stone for Regenerative Medicine. Annual Review of Immunology, 2013, 31, 285-316. | 21.8 | 381 |
| 106 | Endothelial Jagged-1 Is Necessary for Homeostatic and Regenerative Hematopoiesis. Cell Reports, 2013, 4, 1022-1034. | 6.4 | 224 |
| 107 | Circadian control of the immune system. Nature Reviews Immunology, 2013, 13, 190-198. | 22.7 | 782 |
| 108 | CD169+ macrophages provide a niche promoting erythropoiesis under homeostasis and stress. Nature Medicine, 2013, 19, 429-436. | 30.7 | 370 |

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|---|---|---|---|
| 109 | MSC Niche for Hematopoiesis. , 2013, , 91-106. | | 0 |
| 110 | Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. Immunity, 2013, 38, 792-804. | 14.3 | 1,767 |
| 111 | This Niche Is a Maze; An Amazing Niche. Cell Stem Cell, 2013, 12, 391-392. | 11.1 | 47 |
| 112 | Rhythmic Modulation of the Hematopoietic Niche through Neutrophil Clearance. Cell, 2013, 153, 1025-1035. | 28.9 | 555 |
| 113 | Chemotherapy-induced bone marrow nerve injury impairs hematopoietic regeneration. Nature Medicine, 2013, 19, 695-703. | 30.7 | 232 |
| 114 | PDGFRÎ± and CD51 mark human Nestin+ sphere-forming mesenchymal stem cells capable of hematopoietic progenitor cell expansion. Journal of Experimental Medicine, 2013, 210, 1351-1367. | 8.5 | 425 |
| 115 | A novel role for factor VIII and thrombin/PAR1 in regulating hematopoiesis and its interplay with the bone structure. Blood, 2013, 122, 2562-2571. | 1.4 | 38 |
| 116 | Vaso-occlusion in sickle cell disease: pathophysiology and novel targeted therapies. Hematology American Society of Hematology Education Program, 2013, 2013, 362-369. | 2.5 | 53 |
| 117 | Megakaryocytes Regulate Hematopoietic Stem Cell Quiescence Via PF4 Secretion. Blood, 2013, 122, 3-3. | 1.4 | 2 |
| 118 | Nestin+ Pericytes In The Fetal Liver Are Necessary To Maintain HSCs. Blood, 2013, 122, 583-583. | 1.4 | 2 |
| 119 | Neutrophil Aging, Regulated By Microbiota-Derived Signals, Promotes Sickle Cell Vaso-Occlusion. Blood, 2013, 122, 324-324. | 1.4 | 0 |
| 120 | Acute Myeloid Leukemia Alters The Mesenchymal Stem Cell Potential Of The HSC Niche: Evidence For Modulation By Î²-Adrenergic Signals. Blood, 2013, 122, 342-342. | 1.4 | 0 |
| 121 | Heme-Induced Neutrophil Extracellular Traps (NETs) Formation Contributes To Sickle Cell Disease Pathogenesis. Blood, 2013, 122, 184-184. | 1.4 | 1 |
| 122 | Intravenous Immunoglobulins Modulate Neutrophil Activation and Vascular Injury Through FcÎ³RIII and SHP-1. Circulation Research, 2012, 110, 1057-1066. | 4.5 | 40 |
| 123 | Norepinephrine reuptake inhibition promotes mobilization in mice: potential impact to rescue low stem cell yields. Blood, 2012, 119, 3962-3965. | 1.4 | 86 |
| 124 | Hydroxyurea and a cGMP-amplifying agent have immediate benefits on acute vaso-occlusive events in sickle cell disease mice. Blood, 2012, 120, 2879-2888. | 1.4 | 86 |
| 125 | Adrenergic Nerves Govern Circadian Leukocyte Recruitment to Tissues. Immunity, 2012, 37, 290-301. | 14.3 | 406 |
| 126 | GM-CSF Controls Nonlymphoid Tissue Dendritic Cell Homeostasis but Is Dispensable for the Differentiation of Inflammatory Dendritic Cells. Immunity, 2012, 36, 1031-1046. | 14.3 | 365 |

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|---|---|---|---|
| 127 | Deciphering the transcriptional network of the dendritic cell lineage. Nature Immunology, 2012, 13, 888-899. | 14.5 | 688 |
| 128 | The secrets of the bone marrow niche: Enigmatic niche brings challenge for HSC expansion. Nature Medicine, 2012, 18, 864-865. | 30.7 | 36 |
| 129 | Bone Marrow Arteriolar Niches Maintain Hematopoietic Stem Cell Quiescence. Blood, 2012, 120, 638-638. | 1.4 | 1 |
| 130 | An Anillin-Ect2 Complex Stabilizes Central Spindle Microtubules at the Cortex during Cytokinesis. PLoS ONE, 2012, 7, e34888. | 2.5 | 73 |
| 131 | PDGFRÎ± and CD51 Mark Human Nestin+ Sphere-Forming Mesenchymal Stem Cells Capable of Robust Hematopoietic Stem Cell Expansion. Blood, 2012, 120, 505-505. | 1.4 | 0 |
| 132 | CD169+ Macrophages Regulate Erythropoiesis Under Homeostasis, Recovery From Erythron Injury and in JAK2V617F-Induced Polycythemia Vera. Blood, 2012, 120, 80-80. | 1.4 | 0 |
| 133 | Trafficking of Stem Cells. Methods in Molecular Biology, 2011, 750, 3-24. | 0.9 | 23 |
| 134 | Physiological Contribution of CD44 as a Ligand for E-Selectin during Inflammatory T-Cell Recruitment. American Journal of Pathology, 2011, 178, 2437-2446. | 3.8 | 43 |
| 135 | Rapid mobilization of hematopoietic progenitors by AMD3100 and catecholamines is mediated by CXCR4-dependent SDF-1 release from bone marrow stromal cells. Leukemia, 2011, 25, 1286-1296. | 7.2 | 180 |
| 136 | Bone Marrow Mesenchymal Stem and Progenitor Cells Induce Monocyte Emigration in Response to Circulating Toll-like Receptor Ligands. Immunity, 2011, 34, 590-601. | 14.3 | 425 |
| 137 | Pretransplant CSF-1 therapy expands recipient macrophages and ameliorates GVHD after allogeneic hematopoietic cell transplantation. Journal of Experimental Medicine, 2011, 208, 1069-1082. | 8.5 | 145 |
| 138 | Diabetes Impairs Hematopoietic Stem Cell Mobilization by Altering Niche Function. Science Translational Medicine, 2011, 3, 104ra101. | 12.4 | 254 |
| 139 | Bone marrow CD169+ macrophages promote the retention of hematopoietic stem and progenitor cells in the mesenchymal stem cell niche. Journal of Experimental Medicine, 2011, 208, 261-271. | 8.5 | 732 |
| 140 | CXCL1 and its receptor, CXCR2, mediate murine sickle cell vaso-occlusion during hemolytic transfusion reactions. Journal of Clinical Investigation, 2011, 121, 1397-1401. | 8.2 | 37 |
| 141 | Bone Marrow Neuropathy Prevents Hematopoietic Regeneration. Blood, 2011, 118, 139-139. | 1.4 | 26 |
| 142 | Urinary Excretion of Epinephrine and Dopamine Correlates with Efficiency of G-CSF Mobilized Stem Cells in Patients with AL Amyloidosis. Blood, 2011, 118, 316-316. | 1.4 | 2 |
| 143 | CXCL1 and its receptor, CXCR2, mediate murine sickle cell vasoâ€occlusion during hemolytic transfusion reactions. FASEB Journal, 2011, 25, 116.8. | 0.5 | 0 |
| 144 | Abstract 507: Autonomic intratumoral neo-nerves drive prostate cancer development and metastasis. , 2011, , . | | 1 |

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|---|---|---|---|
| 145 | Local Adrenergic Nerves Regulate Diurnal Leukocyte Adhesion: Impact In Sickle Cell Disease. Blood, 2011, 118, 1099-1099. | 1.4 | 6 |
| 146 | Neutrophil microdomains: linking heterocellular interactions with vascular injury. Current Opinion in Hematology, 2010, 17, 25-30. | 2.5 | 14 |
| 147 | GMI-1070, a novel pan-selectin antagonist, reverses acute vascular occlusions in sickle cell mice. Blood, 2010, 116, 1779-1786. | 1.4 | 205 |
| 148 | Mesenchymal and haematopoietic stem cells form a unique bone marrow niche. Nature, 2010, 466, 829-834. | 27.8 | 2,935 |
| 149 | Bad Blood: A trigger for TRALI. Nature Medicine, 2010, 16, 382-383. | 30.7 | 12 |
| 150 | Cooperation of Î²<sub>2</sub>â€•and Î²<sub>3</sub>â€adrenergic receptors in hematopoietic progenitor cell mobilization. Annals of the New York Academy of Sciences, 2010, 1192, 139-144. | 3.8 | 163 |
| 151 | Targeting CXCR4, SDF1 and Beta-Adrenergic Receptors In the AML Microenvironment by Novel Antagonist POL6326, G-CSF and Isoproterenol. Blood, 2010, 116, 2179-2179. | 1.4 | 11 |
| 152 | Leukocyte recruitment to the cremaster muscle exhibits circadian oscillations. FASEB Journal, 2010, 24, 355.6. | 0.5 | 0 |
| 153 | Circadian Adrenergic Regulation of Bone Marrow Endothelial Adhesion Molecule Expression Impacts Progenitor Recruitment and Engraftment Efficiency. Blood, 2010, 116, 398-398. | 1.4 | 0 |
| 154 | Heterotypic interactions enabled by polarized neutrophil microdomains mediate thromboinflammatory injury. Nature Medicine, 2009, 15, 384-391. | 30.7 | 307 |
| 155 | When integrins fail to integrate. Nature Medicine, 2009, 15, 249-250. | 30.7 | 7 |
| 156 | GÎ±s Uncouples Hematopoietic Stem Cell Homing and Mobilization. Cell Stem Cell, 2009, 4, 379-380. | 11.1 | 9 |
| 157 | Circadian rhythms influence hematopoietic stem cells. Current Opinion in Hematology, 2009, 16, 235-242. | 2.5 | 114 |
| 158 | Coordinated Regulation of Hematopoietic and Mesenchymal Stem Cells in a Bone Marrow Niche.. Blood, 2009, 114, 2-2. | 1.4 | 6 |
| 159 | The Hematopoietic Stem Cell Niche.. Blood, 2009, 114, SCI-49-SCI-49. | 1.4 | 0 |
| 160 | Haematopoietic stem cell release is regulated by circadian oscillations. Nature, 2008, 452, 442-447. | 27.8 | 1,103 |
| 161 | Mobilized Hematopoietic Stem Cell Yield Depends on Species-Specific Circadian Timing. Cell Stem Cell, 2008, 3, 364-366. | 11.1 | 207 |
| 162 | The vessel wall and its interactions. Blood, 2008, 111, 5271-5281. | 1.4 | 301 |

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|---|---|---|---|
| 163 | Intravenous immunoglobulins reverse acute vaso-occlusive crises in sickle cell mice through rapid inhibition of neutrophil adhesion. Blood, 2008, 111, 915-923. | 1.4 | 88 |
| 164 | Osteoblasts: yes, they can. Blood, 2008, 112, 455-455. | 1.4 | 5 |
| 165 | The Sympathetic Nervous System Regulates Hematopoietic Stem and Progenitor Cell Homing and Engraftment.. Blood, 2008, 112, 1387-1387. | 1.4 | 1 |
| 166 | Granulocyte Colony-Stimulating Factor (G-CSF) Stimulates Sympathetic Nervous System Activity in the Bone Marrow. Blood, 2008, 112, 2419-2419. | 1.4 | 1 |
| 167 | Mesenchymal Stem Cells, Regulated by the Sympathetic Nervous System, Form the Hematopoietic Stem Cell Niche. Blood, 2008, 112, 4-4. | 1.4 | 5 |
| 168 | Effects of Pan-Selectin Antagonist GMI-1070 on the Treatment of Vaso-Occlusion in Sickle Cell Mice. Blood, 2008, 112, 535-535. | 1.4 | 2 |
| 169 | Dynamic Pattern of Adhesion Receptor Expression during the Maturation of Ex-Vivo Generated Human Adult and Neonatal Erythroid Cells.. Blood, 2008, 112, 997-997. | 1.4 | 2 |
| 170 | A New Model of Acute Sickle Cell Vaso-Occlusion Elicited by IgGMediated Hemolytic Transfusion Reactions. Blood, 2008, 112, 122-122. | 1.4 | 1 |
| 171 | Circadian Expression of Endothelial Selectins, Regulated by the Sympathetic Nervous System, Controls Peripheral Leukocyte Homeostasis. Blood, 2008, 112, 548-548. | 1.4 | 0 |
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