

Karin Golan

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,765
citations

759233

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677142

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times ranked

3341
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#	ARTICLE	IF	CITATIONS
1	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	27.8	553
2	Reactive Oxygen Species Regulate Hematopoietic Stem Cell Self-Renewal, Migration and Development, As Well As Their Bone Marrow Microenvironment. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1605-1619.	5.4	241
3	An MTCH2 pathway repressing mitochondria metabolism regulates haematopoietic stem cell fate. <i>Nature Communications</i> , 2015, 6, 7901.	12.8	187
4	S1P promotes murine progenitor cell egress and mobilization via S1P1-mediated ROS signaling and SDF-1 release. <i>Blood</i> , 2012, 119, 2478-2488.	1.4	175
5	CXCL12 secretion by bone marrow stromal cells is dependent on cell contact and mediated by connexin-43 and connexin-45 gap junctions. <i>Nature Immunology</i> , 2011, 12, 391-398.	14.5	142
6	PAR1 signaling regulates the retention and recruitment of EPCR-expressing bone marrow hematopoietic stem cells. <i>Nature Medicine</i> , 2015, 21, 1307-1317.	30.7	125
7	Lactate released by inflammatory bone marrow neutrophils induces their mobilization via endothelial GPR81 signaling. <i>Nature Communications</i> , 2020, 11, 3547.	12.8	93
8	Daily Onset of Light and Darkness Differentially Controls Hematopoietic Stem Cell Differentiation and Maintenance. <i>Cell Stem Cell</i> , 2018, 23, 572-585.e7.	11.1	86
9	Bone marrow regeneration requires mitochondrial transfer from donor Cx43-expressing hematopoietic progenitors to stroma. <i>Blood</i> , 2020, 136, 2607-2619.	1.4	47
10	Dynamic Cross Talk between S1P and CXCL12 Regulates Hematopoietic Stem Cells Migration, Development and Bone Remodeling. <i>Pharmaceuticals</i> , 2013, 6, 1145-1169.	3.8	37
11	Daily light and darkness onset and circadian rhythms metabolically synchronize hematopoietic stem cell differentiation and maintenance: The role of bone marrow norepinephrine, tumor necrosis factor, and melatonin cycles. <i>Experimental Hematology</i> , 2019, 78, 1-10.	0.4	23
12	MT1-MMP and RECK: opposite and essential roles in hematopoietic stem and progenitor cell retention and migration. <i>Journal of Molecular Medicine</i> , 2011, 89, 1167-1174.	3.9	20
13	Mitochondria Transfer from Hematopoietic Stem and Progenitor Cells to Pdgfr β ⁺ /Sca-1 ⁻ /CD48 ^{dim} BM Stromal Cells Via CX43 Gap Junctions and AMPK Signaling Inversely Regulate ROS Generation in Both Cell Populations. <i>Blood</i> , 2016, 128, 5-5.	1.4	11
14	The Chemotactic Lipid S1P Regulates Hematopoietic Progenitor Cell Egress and Mobilization Via Its Major Receptor S1P1 and by SDF-1 Inhibition In a p38/Akt/mTOR Dependent Manner. <i>Blood</i> , 2010, 116, 553-553.	1.4	7
15	Microrna-155 Promotes Hematopoietic Stem and Progenitor Cell Mobilization and Proliferation. <i>Blood</i> , 2012, 120, 214-214.	1.4	4
16	Daily light-and-darkness onset regulates mouse hematopoietic stem cells. <i>Blood Advances</i> , 2019, 3, 704-704.	5.2	3
17	EPCR/PAR1 Signaling Navigates Long-Term Repopulating Hematopoietic Stem Cell Bone Marrow Homing to Thrombomodulin-Enriched Blood Vessels. <i>Blood</i> , 2015, 126, 33-33.	1.4	3
18	Bone Marrow Hematopoietic Connexin 43 Is Required for Mitotransfer and AMPK Dependent Mesenchymal Microenvironment Regeneration after Irradiation. <i>Blood</i> , 2018, 132, 872-872.	1.4	2

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19	Regulation Of Hematopoietic Stem Cell Trafficking By The Coagulation Pathway. Blood, 2013, 122, 456-456.	1.4	2
20	Connexin-43 Is a Negative Regulator of Mitochondrial Fission, Mitophagy and Apoptosis of Dividing Hematopoietic Stem Cells through the Drp1-Pink1 Axis. Blood, 2018, 132, 639-639.	1.4	2
21	Coagulation Factor Thrombin Regulates Hematopoietic Stem and Progenitor Cell Egress and Mobilization Via PAR-1 & CXCR4 Upregulation, SDF-1 Secretion and EPCR Shedding. Blood, 2011, 118, 2341-2341.	1.4	1
22	Daily Light and Darkness Signals Regulate Bone Marrow Stem Cell Development and Leukocyte Production Via Tnf α and an Interplay Between Norepinephrine and Melatonin. Blood, 2016, 128, 721-721.	1.4	1
23	GSK3 β Signaling Regulates the Motility of Hematopoietic Progenitors Via Prune.. Blood, 2010, 116, 1553-1553.	1.4	0
24	Endothelial Blood-Bone Marrow-Barrier Dynamically Regulates Balanced Stem and Progenitor Cell Trafficking and Maintenance. Blood, 2012, 120, 507-507.	1.4	0
25	Hematopoietic Stem Cells and Their BM Stromal Microenvironment Share a Dynamic Inverse Metabolic State During Quiescence and Proliferation Via ROS Transfer Between The Two Populations. Blood, 2013, 122, 587-587.	1.4	0
26	EPCR Limits Nitric Oxide Levels, Mediating Human and Murine Stem Cell Adhesion and Retention In The Bone Marrow, By Conjugating PAR1 and CXCR4 Signaling. Blood, 2013, 122, 795-795.	1.4	0
27	Blood Cell Replenishment and Bone Marrow Stem Cell Pool Renewal Are Regulated By Different Circadian Peaks Via Norepinephrine and TNF α /S1P Signaling. Blood, 2013, 122, 217-217.	1.4	0
28	Human and Murine β -Defensin-Derived Peptides Induce Rapid Mobilization Of Murine Hematopoietic Stem and Progenitor Cells Via Activation Of CXCR4 Signaling and CXCL12 Release. Blood, 2013, 122, 890-890.	1.4	0
29	EPCR Guides Hematopoietic Stem Cells Homing to the Bone Marrow Independently of Niche Clearance. Blood, 2016, 128, 4538-4538.	1.4	0
30	Nocturnal Melatonin Renews Bone and Blood Forming Stem Cells Reservoir By Metabolic Reprograming. Blood, 2018, 132, 3326-3326.	1.4	0
31	Acute Inflammation Induces Lactate Release By Bone Marrow Neutrophils That Promotes Their Mobilization Via Endothelial GPR81 Signaling. Blood, 2019, 134, 3582-3582.	1.4	0