

Amir Schajnovitz

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,237
citations

759233

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794594

19
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docs citations

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times ranked

4287
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	27.8	553
2	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Cell</i> , 2016, 167, 171-186.e15.	28.9	353
3	Monocytes-macrophages that express β -smooth muscle actin preserve primitive hematopoietic cells in the bone marrow. <i>Nature Immunology</i> , 2012, 13, 1072-1082.	14.5	196
4	Rapid mobilization of hematopoietic progenitors by AMD3100 and catecholamines is mediated by CXCR4-dependent SDF-1 release from bone marrow stromal cells. <i>Leukemia</i> , 2011, 25, 1286-1296.	7.2	180
5	Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. <i>Nature Biotechnology</i> , 2016, 34, 738-745.	17.5	176
6	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
7	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
8	Enhanced c-Met activity promotes G-CSF-induced mobilization of hematopoietic progenitor cells via ROS signaling. <i>Blood</i> , 2011, 117, 419-428.	1.4	114
9	FGF-2 expands murine hematopoietic stem and progenitor cells via proliferation of stromal cells, c-Kit activation, and CXCL12 down-regulation. <i>Blood</i> , 2012, 120, 1843-1855.	1.4	99
10	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Cell</i> , 2018, 172, 191-204.e10.	28.9	92
11	Induction of a Timed Metabolic Collapse to Overcome Cancer Chemoresistance. <i>Cell Metabolism</i> , 2020, 32, 391-403.e6.	16.2	79
12	Inhibiting stromal cell heparan sulfate synthesis improves stem cell mobilization and enables engraftment without cytotoxic conditioning. <i>Blood</i> , 2014, 124, 2937-2947.	1.4	39
13	The Wave2 scaffold Hem-1 is required for transition of fetal liver hematopoiesis to bone marrow. <i>Nature Communications</i> , 2018, 9, 2377.	12.8	15
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	Bone's dark side: mutated osteoblasts implicated in leukemia. <i>Cell Research</i> , 2014, 24, 383-384.	12.0	5
16	Inhibition of the Enzyme Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Blood</i> , 2016, 128, 1656-1656.	1.4	3
17	Distinct Bone Marrow Blood Vessels Differentially Regulate Normal and Malignant Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2015, 126, 664-664.	1.4	1
18	Expansion of Normal and Leukemic Hematopoietic Progenitor Cells by PTH Requires bFGF Activation of c-Kit and Its Downstream JAK2/STAT5 Signaling. <i>Blood</i> , 2009, 114, 2511-2511.	1.4	1

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19	Functional SDF-1 Secretion from BM Stromal Cells Is a Cell Contact-Dependent Event Mediated by Cx43 and Cx45 Gap-Junctions. <i>Blood</i> , 2008, 112, 319-319.	1.4	0
20	In Vivo Mobilization of Leukemic Human Precursor-B-ALL Cells by the CXCR4-Antagonist AMD3100 Is Via Secretion of SDF-1 and Synergistically by Catecholamine Action.. <i>Blood</i> , 2008, 112, 1920-1920.	1.4	0
21	Human and Murine β^2 -Defensin-Derived Peptides Induce Rapid Mobilization Of Murine Hematopoietic Stem and Progenitor Cells Via Activation Of CXCR4 Signaling and CXCL12 Release. <i>Blood</i> , 2013, 122, 890-890.	1.4	0
22	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Blood</i> , 2016, 128, 368-368.	1.4	0
23	Induction of a Timed Metabolic Collapse to Overcome Cancer Chemoresistance. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0