

# Jonathan Hoggatt

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,301  
citations

304743

22  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3616  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hematopoietic Stem Cell Mobilization: Current Collection Approaches, Stem Cell Heterogeneity, and Proposed New Method for Stem Cell Transplant Conditioning. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1939-1953.	3.8	5
2	A Single Radioprotective Dose of Prostaglandin E2 Blocks Irradiation-Induced Apoptotic Signaling and Early Cycling of Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2020, 15, 358-373.	4.8	22
3	Selective hematopoietic stem cell ablation using CD117-antibody-drug-conjugates enables safe and effective transplantation with immunity preservation. <i>Nature Communications</i> , 2019, 10, 617.	12.8	130
4	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Cell</i> , 2018, 172, 191-204.e10.	28.9	92
5	Neuropeptide Y regulates a vascular gateway for hematopoietic stem and progenitor cells. <i>Journal of Clinical Investigation</i> , 2017, 127, 4527-4540.	8.2	36
6	Hematopoietic Stem Cell Niche in Health and Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 555-581.	22.4	129
7	Proximity-Based Differential Single-Cell Analysis of the Niche to Identify Stem/Progenitor Cell Regulators. <i>Cell Stem Cell</i> , 2016, 19, 530-543.	11.1	136
8	Gene Therapy for $\alpha$ -Bubble Boy Disease. <i>Cell</i> , 2016, 166, 263.	28.9	46
9	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
10	Bleeding the laboratory mouse: Not all methods are equal. <i>Experimental Hematology</i> , 2016, 44, 132-137.e1.	0.4	36
11	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Blood</i> , 2016, 128, 368-368.	1.4	0
12	Role of lipegfilgrastim in the management of chemotherapy-induced neutropenia. <i>International Journal of Nanomedicine</i> , 2015, 10, 2647.	6.7	13
13	Embigin Regulates HSPC Homing and Quiescence and Acts As a Cell Surface Marker for a Niche Factor-Enriched Subset of Osteolineage Cells. <i>Blood</i> , 2015, 126, 663-663.	1.4	2
14	New G-CSF agonists for neutropenia therapy. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 21-35.	4.1	24
15	Pharmacologic increase in HIF1 $\alpha$ enhances hematopoietic stem and progenitor homing and engraftment. <i>Blood</i> , 2014, 123, 203-207.	1.4	56
16	Hematopoietic Stem and Progenitor Cell Mobilization in Mice. <i>Methods in Molecular Biology</i> , 2014, 1185, 43-64.	0.9	8
17	Proximity-Based Single Cell Analysis of the Bone Marrow Niche Identifies Interleukin-18 As a Quiescence Regulator of Early Hematopoietic Progenitors. <i>Blood</i> , 2014, 124, 773-773.	1.4	1
18	How beneficial is the use of NSAIDs in stem-cell transplantation?. <i>Expert Opinion on Pharmacotherapy</i> , 2013, 14, 2453-2456.	1.8	1

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19	Recovery from hematopoietic injury by modulating prostaglandin E2 signaling post-irradiation. <i>Blood Cells, Molecules, and Diseases</i> , 2013, 50, 147-153.	1.4	52
20	Differential stem- and progenitor-cell trafficking by prostaglandin E2. <i>Nature</i> , 2013, 495, 365-369.	27.8	132
21	Concise Review: Sowing the Seeds of a Fruitful Harvest: Hematopoietic Stem Cell Mobilization. <i>Stem Cells</i> , 2013, 31, 2599-2606.	3.2	32
22	Prostaglandin-modulated umbilical cord blood hematopoietic stem cell transplantation. <i>Blood</i> , 2013, 122, 3074-3081.	1.4	280
23	Prostaglandin E2 enhances long-term repopulation but does not permanently alter inherent stem cell competitiveness. <i>Blood</i> , 2013, 122, 2997-3000.	1.4	29
24	Bone Marrow Sinusoidal Integrity Regulates Hematopoietic Stem and Progenitor Cell Trafficking. <i>Blood</i> , 2013, 122, 3687-3687.	1.4	0
25	Hif1 $\alpha$ and Rac1 Are Necessary For Enhanced HSPC Migration and Homing In Response To Prostaglandin E2 Treatment. <i>Blood</i> , 2013, 122, 889-889.	1.4	0
26	Blockade of prostaglandin E2 signaling through EP1 and EP3 receptors attenuates Flt3L-dependent dendritic cell development from hematopoietic progenitor cells. <i>Blood</i> , 2012, 119, 1671-1682.	1.4	37
27	Dipeptidylpeptidase 4 negatively regulates colony-stimulating factor activity and stress hematopoiesis. <i>Nature Medicine</i> , 2012, 18, 1786-1796.	30.7	199
28	Hematopoietic Stem Cell Mobilization with Agents Other than G-CSF. , 2012, 904, 49-67.		19
29	The stem cell niche: tissue physiology at a single cell level. <i>Journal of Clinical Investigation</i> , 2012, 122, 3029-3034.	8.2	33
30	Mobilization of hematopoietic stem cells from the bone marrow niche to the blood compartment. <i>Stem Cell Research and Therapy</i> , 2011, 2, 13.	5.5	58
31	Many mechanisms mediating mobilization: an alliterative review. <i>Current Opinion in Hematology</i> , 2011, 18, 231-238.	2.5	59
32	Pleiotropic effects of prostaglandin E2 in hematopoiesis; prostaglandin E2 and other eicosanoids regulate hematopoietic stem and progenitor cell function. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 96, 3-9.	1.9	30
33	Prostaglandin E2 Modulates Monocytes and Dendritic Cells Specific Progenitor Cell (MDP) Fate by Regulating M-CSF Receptor and Flt3 Receptor Expression.. <i>Blood</i> , 2010, 116, 2636-2636.	1.4	0
34	Survivin Modulates Gene Expression That Connects through An Extensive Functional Signaling Network and Regulates Proliferation of Hematopoietic Stem Cells through Evi-1. <i>Blood</i> , 2010, 116, 87-87.	1.4	0
35	Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Alter the Hematopoietic Niche and Treatment In Healthy Volunteers Results In Mobilization of CD34+ Cells, Hematopoietic Colony Forming Cells, and Endothelial Colony Forming Cells. <i>Blood</i> , 2010, 116, 556-556.	1.4	0
36	A spoonful of sugar helps the medicine go down: a novel technique to improve oral gavage in mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2010, 49, 329-34.	1.2	49

#	ARTICLE	IF	CITATIONS
37	Prostaglandin E2 enhances hematopoietic stem cell homing, survival, and proliferation. <i>Blood</i> , 2009, 113, 5444-5455.	1.4	376
38	CD26/Dipeptidylpeptidase IV Regulates Potency of Selected Hematopoietic Growth Factors through Truncation, and Recovery In Vivo After Cytotoxic Stress.. <i>Blood</i> , 2009, 114, 3602-3602.	1.4	1
39	Inhibition of Prostaglandin E2 (PGE2) Signaling by Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) or EP4 Receptor Antagonism Expands Hematopoietic Stem and Progenitor Cells (HSPC) and Enhances Their Mobilization to Peripheral Blood in Mice and Baboons.. <i>Blood</i> , 2009, 114, 84-84.	1.4	2
40	Cyclooxygenase-2 Derived Prostaglandin E2 Is Required for Dendritic Cell Differentiation From Hematopoietic Progenitor Cells.. <i>Blood</i> , 2009, 114, 1499-1499.	1.4	0