

Brad Dykstra

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,297
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing human Treg immunotherapy by Treg subset selection and E-selectin ligand expression. <i>Scientific Reports</i> , 2018, 8, 420.	3.3	23
2	Distinct human $\alpha(1,3)$ -fucosyltransferases drive Lewis-X/sialyl Lewis-X assembly in human cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 7300-7314.	3.4	61
3	mRNA-mediated glycoengineering ameliorates deficient homing of human stem cell-derived hematopoietic progenitors. <i>Journal of Clinical Investigation</i> , 2017, 127, 2433-2437.	8.2	23
4	Glycoengineering of E-Selectin Ligands by Intracellular versus Extracellular Fucosylation Differentially Affects Osteotropism of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2016, 34, 2501-2511.	3.2	48
5	Progress and obstacles towards generating hematopoietic stem cells from pluripotent stem cells. <i>Current Opinion in Hematology</i> , 2015, 22, 317-323.	2.5	12
6	No Monkeying Around: Clonal Tracking of Stem Cells and Progenitors in the Macaque. <i>Cell Stem Cell</i> , 2014, 14, 419-420.	11.1	5
7	Clonal analysis reveals multiple functional defects of aged murine hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 2691-2703.	8.5	390
8	Tracking Reconstitution Dynamics in Mice Co-Transplanted with Hematopoietic Stem Cells From Nine Distinguishable Donor Types. <i>Blood</i> , 2011, 118, 1890-1890.	1.4	0
9	Cellular barcoding tool for clonal analysis in the hematopoietic system. <i>Blood</i> , 2010, 115, 2610-2618.	1.4	217
10	Effects of Age and Environment on Short-Term Homing and Function of Mouse Hematopoietic Stem Cells. <i>Blood</i> , 2010, 116, 1616-1616.	1.4	2
11	Hematopoietic stem cell aging and self-renewal. <i>Cell and Tissue Research</i> , 2008, 331, 91-101.	2.9	96
12	Characterization of Mouse Hematopoietic Stem and Progenitor Cells. <i>Current Protocols in Immunology</i> , 2008, 80, Unit 22B.2.	3.6	37
13	Regulation of Hematopoietic Stem Cells by the Steel Factor/KIT Signaling Pathway. <i>Clinical Cancer Research</i> , 2008, 14, 1926-1930.	7.0	155
14	Identification of a new intrinsically timed developmental checkpoint that reprograms key hematopoietic stem cell properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5878-5882.	7.1	209
15	Long-Term Propagation of Distinct Hematopoietic Differentiation Programs In Vivo. <i>Cell Stem Cell</i> , 2007, 1, 218-229.	11.1	520
16	Isolation and Assessment of Long-Term Reconstituting Hematopoietic Stem Cells from Adult Mouse Bone Marrow. <i>Current Protocols in Stem Cell Biology</i> , 2007, 3, Unit 2A.4.	3.0	16
17	The hematopoietic stem compartment consists of a limited number of discrete stem cell subsets. <i>Blood</i> , 2006, 107, 2311-2316.	1.4	199
18	High-resolution video monitoring of hematopoietic stem cells cultured in single-cell arrays identifies new features of self-renewal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8185-8190.	7.1	110

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19	ABC transporter activities of murine hematopoietic stem cells vary according to their developmental and activation status. <i>Blood</i> , 2004, 103, 4487-4495.	1.4	69
20	Different in vivo repopulating activities of purified hematopoietic stem cells before and after being stimulated to divide in vitro with the same kinetics. <i>Experimental Hematology</i> , 2003, 31, 1338-1347.	0.4	105