# Brad Dykstra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10566329/publications.pdf

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|---|---|---|---|
| 20<br>papers | 2,297<br>citations | 567281<br>15<br>h-index | 794594<br>19<br>g-index |
| 20<br>all docs | 20<br>docs citations | 20<br>times ranked | 3212<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Long-Term Propagation of Distinct Hematopoietic Differentiation Programs In Vivo. Cell Stem Cell, 2007, 1, 218-229. | 11.1 | 520 |
| 2 | Clonal analysis reveals multiple functional defects of aged murine hematopoietic stem cells. Journal of Experimental Medicine, 2011, 208, 2691-2703. | 8.5 | 390 |
| 3 | Cellular barcoding tool for clonal analysis in the hematopoietic system. Blood, 2010, 115, 2610-2618. | 1.4 | 217 |
| 4 | Identification of a new intrinsically timed developmental checkpoint that reprograms key hematopoietic stem cell properties. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5878-5882. | 7.1 | 209 |
| 5 | The hematopoietic stem compartment consists of a limited number of discrete stem cell subsets. Blood, 2006, 107, 2311-2316. | 1.4 | 199 |
| 6 | Regulation of Hematopoietic Stem Cells by the Steel Factor/KIT Signaling Pathway. Clinical Cancer Research, 2008, 14, 1926-1930. | 7.0 | 155 |
| 7 | High-resolution video monitoring of hematopoietic stem cells cultured in single-cell arrays identifies new features of self-renewal. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8185-8190. | 7.1 | 110 |
| 8 | Different in vivo repopulating activities of purified hematopoietic stem cells before and after being stimulated to divide in vitro with the same kinetics. Experimental Hematology, 2003, 31, 1338-1347. | 0.4 | 105 |
| 9 | Hematopoietic stem cell aging and self-renewal. Cell and Tissue Research, 2008, 331, 91-101. | 2.9 | 96 |
| 10 | ABC transporter activities of murine hematopoietic stem cells vary according to their developmental and activation status. Blood, 2004, 103, 4487-4495. | 1.4 | 69 |
| 11 | Distinct human Î±(1,3)-fucosyltransferases drive Lewis-X/sialyl Lewis-X assembly in human cells. Journal of Biological Chemistry, 2018, 293, 7300-7314. | 3.4 | 61 |
| 12 | Glycoengineering of E-Selectin Ligands by Intracellular versus Extracellular Fucosylation Differentially Affects Osteotropism of Human Mesenchymal Stem Cells. Stem Cells, 2016, 34, 2501-2511. | 3.2 | 48 |
| 13 | Characterization of Mouse Hematopoietic Stem and Progenitor Cells. Current Protocols in Immunology, 2008, 80, Unit 22B.2. | 3.6 | 37 |
| 14 | Optimizing human Treg immunotherapy by Treg subset selection and E-selectin ligand expression. Scientific Reports, 2018, 8, 420. | 3.3 | 23 |
| 15 | mRNA-mediated glycoengineering ameliorates deficient homing of human stem cellâ€“derived hematopoietic progenitors. Journal of Clinical Investigation, 2017, 127, 2433-2437. | 8.2 | 23 |
| 16 | Isolation and Assessment of Longâ€Term Reconstituting Hematopoietic Stem Cells from Adult Mouse Bone Marrow. Current Protocols in Stem Cell Biology, 2007, 3, Unit 2A.4. | 3.0 | 16 |
| 17 | Progress and obstacles towards generating hematopoietic stem cells from pluripotent stem cells. Current Opinion in Hematology, 2015, 22, 317-323. | 2.5 | 12 |
| 18 | No Monkeying Around: Clonal Tracking of Stem Cells and Progenitors in the Macaque. Cell Stem Cell, 2014, 14, 419-420. | 11.1 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of Age and Environment on Short-Term Homing and Function of Mouse Hematopoietic Stem Cells.. Blood, 2010, 116, 1616-1616. | 1.4 | 2 |
| 20 | Tracking Reconstitution Dynamics in Mice Co-Transplanted with Hematopoietic Stem Cells From Nine Distinguishable Donor Types. Blood, 2011, 118, 1890-1890. | 1.4 | 0 |