

Trista E North

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11612530/publications.pdf>

Version: 2024-02-01

70
papers

6,311
citations

136740

32
h-index

110170

64
g-index

73
all docs

73
docs citations

73
times ranked

8839
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostaglandin E2 regulates vertebrate haematopoietic stem cell homeostasis. <i>Nature</i> , 2007, 447, 1007-1011.	13.7	1,037
2	The Wnt/ β -Catenin Pathway Is Required for the Development of Leukemia Stem Cells in AML. <i>Science</i> , 2010, 327, 1650-1653.	6.0	675
3	Genetic Interaction of PGE2 and Wnt Signaling Regulates Developmental Specification of Stem Cells and Regeneration. <i>Cell</i> , 2009, 136, 1136-1147.	13.5	628
4	Runx1 Expression Marks Long-Term Repopulating Hematopoietic Stem Cells in the Midgestation Mouse Embryo. <i>Immunity</i> , 2002, 16, 661-672.	6.6	523
5	Hematopoietic Stem Cell Development Is Dependent on Blood Flow. <i>Cell</i> , 2009, 137, 736-748.	13.5	393
6	Prostaglandin-modulated umbilical cord blood hematopoietic stem cell transplantation. <i>Blood</i> , 2013, 122, 3074-3081.	0.6	280
7	Prostaglandin E2 Enhances Human Cord Blood Stem Cell Xenotransplants and Shows Long-Term Safety in Preclinical Nonhuman Primate Transplant Models. <i>Cell Stem Cell</i> , 2011, 8, 445-458.	5.2	250
8	Identification of small molecules for human hepatocyte expansion and iPS differentiation. <i>Nature Chemical Biology</i> , 2013, 9, 514-520.	3.9	230
9	Inflammatory signaling regulates embryonic hematopoietic stem and progenitor cell production. <i>Genes and Development</i> , 2014, 28, 2597-2612.	2.7	214
10	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. <i>Developmental Biology</i> , 2008, 320, 161-174.	0.9	173
11	PGE2-regulated wnt signaling and N-acetylcysteine are synergistically hepatoprotective in zebrafish acetaminophen injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17315-17320.	3.3	133
12	Runx1 Is Expressed in Adult Mouse Hematopoietic Stem Cells and Differentiating Myeloid and Lymphoid Cells, But Not in Maturing Erythroid Cells. <i>Stem Cells</i> , 2004, 22, 158-168.	1.4	114
13	Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors. <i>Nature Methods</i> , 2007, 4, 551-553.	9.0	99
14	Developmental Vitamin D Availability Impacts Hematopoietic Stem Cell Production. <i>Cell Reports</i> , 2016, 17, 458-468.	2.9	97
15	Glucose metabolism impacts the spatiotemporal onset and magnitude of HSC induction in vivo. <i>Blood</i> , 2013, 121, 2483-2493.	0.6	96
16	Reconstruction of complex single-cell trajectories using CellRouter. <i>Nature Communications</i> , 2018, 9, 892.	5.8	78
17	Regulation of embryonic haematopoietic multipotency by EZH1. <i>Nature</i> , 2018, 553, 506-510.	13.7	70
18	Single-cell transcriptional analysis of normal, aberrant, and malignant hematopoiesis in zebrafish. <i>Journal of Experimental Medicine</i> , 2016, 213, 979-992.	4.2	69

#	ARTICLE	IF	CITATIONS
19	Estrogen Activation of G-Protein-Coupled Estrogen Receptor 1 Regulates Phosphoinositide 3-Kinase and mTOR Signaling to Promote Liver Growth in Zebrafish and Proliferation of Human Hepatocytes. <i>Gastroenterology</i> , 2019, 156, 1788-1804.e13.	0.6	69
20	YAP Regulates Hematopoietic Stem Cell Formation in Response to the Biomechanical Forces of Blood Flow. <i>Developmental Cell</i> , 2020, 52, 446-460.e5.	3.1	65
21	Small molecule screening identifies targetable zebrafish pigmentation pathways. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 131-143.	1.5	60
22	The Central Nervous System Regulates Embryonic HSPC Production via Stress-Responsive Glucocorticoid Receptor Signaling. <i>Cell Stem Cell</i> , 2016, 19, 370-382.	5.2	57
23	Modeling human hematopoietic and cardiovascular diseases in zebrafish. <i>Developmental Dynamics</i> , 2003, 228, 568-583.	0.8	51
24	Distinct Roles for Matrix Metalloproteinases 2 and 9 in Embryonic Hematopoietic Stem Cell Emergence, Migration, and Niche Colonization. <i>Stem Cell Reports</i> , 2017, 8, 1226-1241.	2.3	50
25	Metabolic Regulation of Inflammasome Activity Controls Embryonic Hematopoietic Stem and Progenitor Cell Production. <i>Developmental Cell</i> , 2020, 55, 133-149.e6.	3.1	50
26	Cannabinoid receptor signaling regulates liver development and metabolism. <i>Development (Cambridge)</i> , 2016, 143, 609-622.	1.2	47
27	Repairing quite swimmingly: advances in regenerative medicine using zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 769-776.	1.2	45
28	S-Nitrosothiol Signaling Regulates Liver Development and Improves Outcome following Toxic Liver Injury. <i>Cell Reports</i> , 2014, 6, 56-69.	2.9	45
29	Prostaglandin E2: Making More of Your Marrow. <i>Cell Cycle</i> , 2007, 6, 3054-3057.	1.3	43
30	Prostaglandin E2 Regulates Liver versus Pancreas Cell-Fate Decisions and Endodermal Outgrowth. <i>Developmental Cell</i> , 2014, 28, 423-437.	3.1	43
31	Oceans of opportunity: Exploring vertebrate hematopoiesis in zebrafish. <i>Experimental Hematology</i> , 2014, 42, 684-696.	0.2	39
32	Evi1 regulates Notch activation to induce zebrafish hematopoietic stem cell emergence. <i>EMBO Journal</i> , 2016, 35, 2315-2331.	3.5	39
33	Estrogen Defines the Dorsal-Ventral Limit of VEGF Regulation to Specify the Location of the Hemogenic Endothelial Niche. <i>Developmental Cell</i> , 2014, 29, 437-453.	3.1	36
34	Rargb regulates organ laterality in a zebrafish model of right atrial isomerism. <i>Developmental Biology</i> , 2012, 372, 178-189.	0.9	32
35	Iterative use of nuclear receptor Nr5a2 regulates multiple stages of liver and pancreas development. <i>Developmental Biology</i> , 2016, 418, 108-123.	0.9	32
36	Cannabinoid Receptor-2 Regulates Embryonic Hematopoietic Stem Cell Development via Prostaglandin E2 and P-Selectin Activity. <i>Stem Cells</i> , 2015, 33, 2596-2612.	1.4	31

#	ARTICLE	IF	CITATIONS
37	Teleost growth factor independence (gfi) genes differentially regulate successive waves of hematopoiesis. <i>Developmental Biology</i> , 2013, 373, 431-441.	0.9	30
38	Functional validation of GWAS gene candidates for abnormal liver function during zebrafish liver development. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1271-8.	1.2	30
39	HIF1 α -induced PDGFR β signaling promotes developmental HSC production via IL-6 activation. <i>Experimental Hematology</i> , 2017, 46, 83-95.e6.	0.2	27
40	The developmental stage of the hematopoietic niche regulates lineage in <i>MLL</i> -rearranged leukemia. <i>Journal of Experimental Medicine</i> , 2019, 216, 527-538.	4.2	27
41	Netting Novel Regulators of Hematopoiesis and Hematologic Malignancies in Zebrafish. <i>Current Topics in Developmental Biology</i> , 2017, 124, 125-160.	1.0	20
42	A systems biology pipeline identifies regulatory networks for stem cell engineering. <i>Nature Biotechnology</i> , 2019, 37, 810-818.	9.4	18
43	Accumulation of the Vitamin D Precursor Cholecalciferol Antagonizes Hedgehog Signaling to Impair Hemogenic Endothelium Formation. <i>Stem Cell Reports</i> , 2015, 5, 471-479.	2.3	17
44	Endothelial-to-hematopoietic transition: Notch signaling vessels into blood. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 97-108.	1.8	14
45	Inflammatory signals in HSPC development and homeostasis: Too much of a good thing?. <i>Experimental Hematology</i> , 2016, 44, 908-912.	0.2	14
46	Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis. <i>Cell Reports</i> , 2022, 39, 110587.	2.9	12
47	Hematopoietic Stem Cell Development: Using the Zebrafish to Identify the Signaling Networks and Physical Forces Regulating Hematopoiesis. <i>Methods in Cell Biology</i> , 2011, 105, 117-136.	0.5	11
48	A tool compound targeting the core binding factor Runt domain to disrupt binding to CBF β in leukemic cells. <i>Leukemia and Lymphoma</i> , 2018, 59, 2188-2200.	0.6	11
49	Sequential regulation of hemogenic fate and hematopoietic stem and progenitor cell formation from arterial endothelium by Ezh1/2. <i>Stem Cell Reports</i> , 2021, 16, 1718-1734.	2.3	11
50	CellComm infers cellular crosstalk that drives haematopoietic stem and progenitor cell development. <i>Nature Cell Biology</i> , 2022, 24, 579-589.	4.6	11
51	Endoderm Specification, Liver Development, and Regeneration. <i>Methods in Cell Biology</i> , 2011, 101, 205-223.	0.5	10
52	Making Blood from the Vessel: Extrinsic and Environmental Cues Guiding the Endothelial-to-Hematopoietic Transition. <i>Life</i> , 2021, 11, 1027.	1.1	9
53	Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 and Ly6a Reporter System. <i>Stem Cell Reports</i> , 2020, 14, 956-971.	2.3	8
54	Estrogen Acts Through Estrogen Receptor 2b to Regulate Hepatobiliary Fate During Vertebrate Development. <i>Hepatology</i> , 2020, 72, 1786-1799.	3.6	6

#	ARTICLE	IF	CITATIONS
55	NOTCHing an Arrow at Cord Blood: Translating Stem Cell Knowledge into Clinical Practice. <i>Cell Stem Cell</i> , 2010, 6, 186-187.	5.2	5
56	Lin28 paralogs regulate lung branching morphogenesis. <i>Cell Reports</i> , 2021, 36, 109408.	2.9	5
57	Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells. <i>Cell Reports</i> , 2022, 39, 110752.	2.9	5
58	Enumerating Hematopoietic Stem and Progenitor Cells in Zebrafish Embryos. <i>Methods in Molecular Biology</i> , 2016, 1451, 191-206.	0.4	4
59	Ddx41 loss R-loops in cGAS to fuel inflammatory HSPC production. <i>Developmental Cell</i> , 2021, 56, 571-572.	3.1	4
60	Haematopoietic stem cells show their true colours. <i>Nature Cell Biology</i> , 2017, 19, 10-12.	4.6	3
61	EnaBLEing Growth in the Fetal Liver. <i>Cell Stem Cell</i> , 2016, 18, 427-428.	5.2	1
62	Single-cell transcriptional analysis of normal, aberrant, and malignant hematopoiesis in zebrafish. <i>Journal of Cell Biology</i> , 2016, 213, 2133OIA95.	2.3	1
63	An induced pluripotent stem cell model of Fanconi anemia reveals mechanisms of p53-driven progenitor cell differentiation. <i>Blood Advances</i> , 2020, 4, 4679-4692.	2.5	1
64	Mechanisms of Leukemia Stem Cell Plasticity Revealed By Single Cell Analysis. <i>Blood</i> , 2020, 136, 32-32.	0.6	1
65	Repairing quite swimmingly: advances in regenerative medicine using zebrafish. <i>Development (Cambridge)</i> , 2014, 141, e1406-e1406.	1.2	0
66	Multiple Roles for the Zebrafish Homologue of the Murine Evi1 Gene during Primitive Myelopoiesis and HSC Development. <i>Blood</i> , 2014, 124, 2901-2901.	0.6	0
67	Inflammatory Signaling Regulates Embryonic Hematopoietic Stem and Lymphoid Progenitor Cell Formation. <i>Blood</i> , 2014, 124, 2902-2902.	0.6	0
68	Modeling Fanconi Anemia Using Human Induced Pluripotent Stem Cells By Reversible Complementation. <i>Blood</i> , 2018, 132, 3856-3856.	0.6	0
69	An Essential Role for the RNA Editor-Exonuclease Axis in Terminal Erythroid Differentiation. <i>Blood</i> , 2020, 136, 3-3.	0.6	0
70	Extrinsic Factors Governing Hematopoietic Stem Cell Development. <i>Blood</i> , 2020, 136, SC11-SC11.	0.6	0