Robert F Paulson

List of Publications by Year
in descending order

48 papers	2,352 citations	236925 25 h-index	233421 45 g-index
48 all docs	48 docs citations	48 times ranked	2910 citing authors

#	Article	IF	Citations
1	Interleukinâ€4 treatment reduces leukemia burden in acute myeloid leukemia. FASEB Journal, 2022, 36, e22328.	0.5	7
2	Overexpression of Human TLR8 Causes Fatal Anemia in SLE-Prone Mice By Altering the Bone Marrow Erythropoietic Niche. Blood, 2021, 138, 1989-1989.	1.4	0
3	Stress erythropoiesis: definitions and models for its study. Experimental Hematology, 2020, 89, 43-54.e2.	0.4	47
4	Stress Erythropoiesis is a Key Inflammatory Response. Cells, 2020, 9, 634.	4.1	50
5	Epo receptor signaling in macrophages alters the splenic niche to promote erythroid differentiation. Blood, 2020, 136, 235-246.	1.4	34
6	Inflammation induces stress erythropoiesis through heme-dependent activation of SPI-C. Science Signaling, 2019, 12, .	3.6	56
7	Crth2 receptor signaling downâ€regulates lipopolysaccharideâ€induced NFâ€Î±B activation in murine macrophages <i>via</i> changes in intracellular calcium. FASEB Journal, 2019, 33, 12838-12852.	0.5	8
8	Epo receptor marks the spot. Blood, 2019, 134, 413-414.	1.4	10
9	Gdf15 regulates murine stress erythroid progenitor proliferation and the development of the stress erythropoiesis niche. Blood Advances, 2019, 3, 2205-2217.	5.2	36
10	Yap1 promotes proliferation of transiently amplifying stress erythroid progenitors during erythroid regeneration. Experimental Hematology, 2019, 80, 42-54.e4.	0.4	8
11	Selenoproteins regulate stress erythroid progenitors and spleen microenvironment during stress erythropoiesis. Blood, 2018, 131, 2568-2580.	1.4	39
12	Mechanisms of erythrocyte development and regeneration: implications for regenerative medicine and beyond. Development (Cambridge), 2018, 145, .	2.5	107
13	The intricate role of selenium and selenoproteins in erythropoiesis. Free Radical Biology and Medicine, 2018, 127, 165-171.	2.9	38
14	Stress Erythropoiesis Model Systems. Methods in Molecular Biology, 2018, 1698, 91-102.	0.9	17
15	Monocyte-derived macrophages expand the murine stress erythropoietic niche during the recovery from anemia. Blood, 2018, 132, 2580-2593.	1.4	55
16	Activation of PPARÎ³ by endogenous prostaglandin J2 mediates the antileukemic effect of selenium in murine leukemia. Blood, 2017, 129, 1802-1810.	1.4	24
17	GATA Factor-Regulated Samd14 Enhancer Confers Red Blood Cell Regeneration and Survival in Severe Anemia. Developmental Cell, 2017, 42, 213-225.e4.	7.0	29
18	The Regulation of Pathways of Inflammation and Resolution in Immune Cells and Cancer Stem Cells by Selenium. Advances in Cancer Research, 2017, 136, 153-172.	5.0	25

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19	In vitro culture of stress erythroid progenitors identifies distinct progenitor populations and analogous human progenitors. Blood, 2015, 125, 1803-1812.	1.4	63
20	Chemopreventive Effects of Dietary Eicosapentaenoic Acid Supplementation in Experimental Myeloid Leukemia. Cancer Prevention Research, 2015, 8, 989-999.	1.5	6
21	Targeting a new regulator of erythropoiesis to alleviate anemia. Nature Medicine, 2014, 20, 334-335.	30.7	25
22	Selenium Suppresses Leukemia through the Action of Endogenous Eicosanoids. Cancer Research, 2014, 74, 3890-3901.	0.9	30
23	Regeneration After Injury: Activation of Stem Cell Stress Response Pathways to Rapidly Repair Tissues. Pancreatic Islet Biology, 2014, , 375-387.	0.3	0
24	Evaluation of the Stability, Bioavailability, and Hypersensitivity of the Omega-3 Derived Anti-Leukemic Prostaglandin: Î”12-Prostaglandin J3. PLoS ONE, 2013, 8, e80622.	2.5	15
25	Self-Renewal of Leukemia Stem Cells in Friend Virus-Induced Erythroleukemia Requires Proviral Insertional Activation of Spi1 and Hedgehog Signaling but Not Mutation of p53. Stem Cells, 2012, 30, 121-130.	3.2	16
26	The Regulation of Erythropoiesis by Selenium in Mice. Antioxidants and Redox Signaling, 2011, 14, 1403-1412.	5.4	48
27	Lineage Regulators Direct BMP and Wnt Pathways to Cell-Specific Programs during Differentiation and Regeneration. Cell, 2011, 147, 577-589.	28.9	277
28	Î”12-prostaglandin J3, an omega-3 fatty acidâ€“derived metabolite, selectively ablates leukemia stem cells in mice. Blood, 2011, 118, 6909-6919.	1.4	61
29	Stress erythropoiesis: new signals and new stress progenitor cells. Current Opinion in Hematology, 2011, 18, 139-145.	2.5	193
30	Selenoprotein-dependent Up-regulation of Hematopoietic Prostaglandin D2 Synthase in Macrophages Is Mediated through the Activation of Peroxisome Proliferator-activated Receptor (PPAR) Î³. Journal of Biological Chemistry, 2011, 286, 27471-27482.	3.4	93
31	Erythropoiesis lagging? pIgA1 steps in to assist Epo. Nature Medicine, 2011, 17, 1346-1348.	30.7	2
32	Murine erythroid short-term radioprotection requires a BMP4-dependent, self-renewing population of stress erythroid progenitors. Journal of Clinical Investigation, 2010, 120, 4507-4519.	8.2	86
33	Hypoxia Regulates BMP4 Expression in the Murine Spleen during the Recovery from Acute Anemia. PLoS ONE, 2010, 5, e11303.	2.5	52
34	Podocalyxin selectively marks erythroid-committed progenitors during anemic stress but is dispensable for efficient recovery. Experimental Hematology, 2009, 37, 10-18.	0.4	9
35	Extramedullary erythropoiesis in the adult liver requires BMP-4/Smad5â€“dependent signaling. Experimental Hematology, 2009, 37, 549-558.	0.4	49
36	Maintenance of the BMP4-dependent stress erythropoiesis pathway in the murine spleen requires hedgehog signaling. Blood, 2009, 113, 911-918.	1.4	93

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37	BMP4/Smad5 dependent stress erythropoiesis is required for the expansion of erythroid progenitors during fetal development. Developmental Biology, 2008, 317, 24-35.	2.0	49
38	Friend Virus Utilizes the BMP4-Dependent Stress Erythropoiesis Pathway To Induce Erythroleukemia. Journal of Virology, 2008, 82, 382-393.	3.4	22
39	A Novel Stat3 Binding Motif in Gab2 Mediates Transformation of Primary Hematopoietic Cells by the Stk/Ron Receptor Tyrosine Kinase in Response to Friend Virus Infection. Molecular and Cellular Biology, 2007, 27, 3708-3715.	2.3	31
40	BMP4, SCF, and hypoxia cooperatively regulate the expansion of murine stress erythroid progenitors. Blood, 2007, 109, 4494-4502.	1.4	134
41	An intronic sequence mutated in flexed-tail mice regulates splicing of Smad5. Mammalian Genome, 2007, 18, 852-860.	2.2	25
42	Podocalyxin Is a Selective Marker of Erythroid Progenitors but Is Dispensable for Anemia Recovery.. Blood, 2007, 110, 1731-1731.	1.4	0
43	Mutation of the Lyn tyrosine kinase delays the progression of Friend virus induced erythroleukemia without affecting susceptibility. Leukemia Research, 2006, 30, 1141-1149.	0.8	6
44	BMP4 and Madh5 regulate the erythroid response to acute anemia. Blood, 2005, 105, 2741-2748.	1.4	174
45	Resistance to Friend Virus-Induced Erythroleukemia in W / W v Mice Is Caused by a Spleen-Specific Defect Which Results in a Severe Reduction in Target Cells and a Lack of Sf-Stk Expression. Journal of Virology, 2005, 79, 14586-14594.	3.4	9
46	Co-targeting a selectable marker to the Escherichia coli chromosome improves the recovery rate for mutations induced in BAC clones by homologous recombination. BioTechniques, 2004, 36, 936-940.	1.8	6
47	Sf-Stk kinase activity and the Grb2 binding site are required for Epo-independent growth of primary erythroblasts infected with Friend virus. Oncogene, 2002, 21, 3562-3570.	5.9	50
48	Fv2 encodes a truncated form of the Stk receptor tyrosine kinase. Nature Genetics, 1999, 23, 159-165.	21.4	138