

Saghi Ghaffari

List of Publications by Year in descending order

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46
papers

2,742
citations

331670

21
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315739

38
g-index

70
all docs

70
docs citations

70
times ranked

7370
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cells and the impact of ROS signaling. <i>Development (Cambridge)</i> , 2014, 141, 4206-4218.	2.5	492
2	Oxidative Stress in the Regulation of Normal and Neoplastic Hematopoiesis. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1923-1940.	5.4	298
3	Foxo3 is required for the regulation of oxidative stress in erythropoiesis. <i>Journal of Clinical Investigation</i> , 2007, 117, 2133-2144.	8.2	270
4	Foxo3 Is Essential for the Regulation of Ataxia Telangiectasia Mutated and Oxidative Stress-mediated Homeostasis of Hematopoietic Stem Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 25692-25705.	3.4	225
5	Restraining Lysosomal Activity Preserves Hematopoietic Stem Cell Quiescence and Potency. <i>Cell Stem Cell</i> , 2020, 26, 359-376.e7.	11.1	169
6	Aging-like Phenotype and Defective Lineage Specification in SIRT1-Deleted Hematopoietic Stem and Progenitor Cells. <i>Stem Cell Reports</i> , 2014, 3, 44-59.	4.8	135
7	ROS-mediated amplification of AKT/mTOR signalling pathway leads to myeloproliferative syndrome in Foxo3 ^{-/-} mice. <i>EMBO Journal</i> , 2010, 29, 4118-4131.	7.8	126
8	CDKN1A regulates Langerhans cell survival and promotes Treg cell generation upon exposure to ionizing irradiation. <i>Nature Immunology</i> , 2015, 16, 1060-1068.	14.5	110
9	Mitochondrial metabolism in hematopoietic stem cells requires functional FOXO3. <i>EMBO Reports</i> , 2015, 16, 1164-1176.	4.5	109
10	Mitochondria in the maintenance of hematopoietic stem cells: new perspectives and opportunities. <i>Blood</i> , 2019, 133, 1943-1952.	1.4	95
11	Stem Cells, Redox Signaling, and Stem Cell Aging. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1902-1916.	5.4	89
12	Targeting the BRD4/FOXO3a/CDK6 axis sensitizes AKT inhibition in luminal breast cancer. <i>Nature Communications</i> , 2018, 9, 5200.	12.8	71
13	AKT induces erythroid-cell maturation of JAK2-deficient fetal liver progenitor cells and is required for Epo regulation of erythroid-cell differentiation. <i>Blood</i> , 2006, 107, 1888-1891.	1.4	69
14	The exosome complex establishes a barricade to erythroid maturation. <i>Blood</i> , 2014, 124, 2285-2297.	1.4	58
15	A Systems Approach Identifies Essential FOXO3 Functions at Key Steps of Terminal Erythropoiesis. <i>PLoS Genetics</i> , 2015, 11, e1005526.	3.5	55
16	FOXO3 Transcription Factor Is Essential for Protecting Hematopoietic Stem and Progenitor Cells from Oxidative DNA Damage. <i>Journal of Biological Chemistry</i> , 2017, 292, 3005-3015.	3.4	51
17	Advances in understanding the mechanisms of erythropoiesis in homeostasis and disease. <i>British Journal of Haematology</i> , 2016, 174, 661-673.	2.5	41
18	Stem Cells Seen Through the FOXO Lens: An Evolving Paradigm. <i>Current Topics in Developmental Biology</i> , 2018, 127, 23-47.	2.2	32

#	ARTICLE	IF	CITATIONS
19	Erythroid enucleation: a gateway into a "bloody" world. <i>Experimental Hematology</i> , 2021, 95, 13-22.	0.4	30
20	Evidence for AKT-independent regulation of FOXO1 and FOXO3 in haematopoietic stem and progenitor cells. <i>Cell Cycle</i> , 2016, 15, 861-867.	2.6	29
21	Fyn kinase is a novel modulator of erythropoietin signaling and stress erythropoiesis. <i>American Journal of Hematology</i> , 2019, 94, 10-20.	4.1	28
22	Transcription factors FOXO in the regulation of homeostatic hematopoiesis. <i>Current Opinion in Hematology</i> , 2018, 25, 290-298.	2.5	24
23	Mitochondria and FOXO3 in stem cell homeostasis, a window into hematopoietic stem cell fate determination. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 343-346.	2.3	23
24	Lysosomal Regulation of Metabolism in Quiescent Hematopoietic Stem Cells: More than Just Autophagy. <i>Cell Stem Cell</i> , 2021, 28, 374-377.	11.1	18
25	Using mitochondrial activity to select for potent human hematopoietic stem cells. <i>Blood Advances</i> , 2021, 5, 1605-1616.	5.2	17
26	Mitochondrial localization and moderated activity are key to murine erythroid enucleation. <i>Blood Advances</i> , 2021, 5, 2490-2504.	5.2	16
27	Mild anemia as a single independent predictor of mortality in patients with COVID-19. <i>EJHaem</i> , 2021, 2, 319-326.	1.0	13
28	Fibrillin-1 microfibrils influence adult bone marrow hematopoiesis. <i>Matrix Biology</i> , 2016, 52-54, 88-94.	3.6	10
29	Red cell distribution width is associated with mortality in non-anemic patients with COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 4130-4132.	5.0	9
30	Loss Of p53 Rescues The Defective Function Of Foxo3-/- Hematopoietic Stem Cells But Enhances Their Predisposition To Malignancy. <i>Blood</i> , 2013, 122, 4199-4199.	1.4	9
31	Steady State Differences In Metabolic Properties Of Bone Marrow Versus Spleen Erythroid Cells. <i>Blood</i> , 2013, 122, 943-943.	1.4	5
32	Following Transcriptome to Uncover FOXO Biological Functions. <i>Methods in Molecular Biology</i> , 2019, 1890, 219-227.	0.9	4
33	Metabolic Cross Talk Between Foxo3 and mTOR Is Essential for Hematopoietic Stem Cell Function. <i>Blood</i> , 2012, 120, 856-856.	1.4	3
34	PIAS adds methyl-bias to HSC-differentiation. <i>EMBO Journal</i> , 2014, 33, 93-95.	7.8	2
35	Loss of Foxo3 Reduces Erythroblast Apoptosis and Enhances RBC Production in Beta-Thalassemic Mice. <i>Blood</i> , 2015, 126, 756-756.	1.4	2
36	Foxo3 Modulation of ATM and Oxidative Stress Mediates Distinct Functions in the Regulation of Hematopoietic Stem and Progenitor Cell Fate.. <i>Blood</i> , 2007, 110, 1272-1272.	1.4	1

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37	Metabolic Pathways Control Normal and Beta-Thalassemic Erythroid Cell Maturation. Blood, 2012, 120, 369-369.	1.4	1
38	Elevated P21 (CDKN1a) Mediates Apoptosis of Beta-Thalassemic Erythroid Cells in Mice but Its Ablation Doesn't Improve Erythroid Maturation. Blood, 2020, 136, 19-19.	1.4	1
39	Preface. Current Topics in Developmental Biology, 2018, 127, xi-xii.	2.2	0
40	Epo Induces Phosphorylation of GATA-1 Transcription Factor Via a PI3-Kinase-Dependent Signaling Pathway.. Blood, 2004, 104, 816-816.	1.4	0
41	Foxo3 Transcription Factor Regulates Oxidative Stress in In Vivo Erythropoiesis.. Blood, 2006, 108, 468-468.	1.4	0
42	Regulation of Erythroid Cell Maturation Is Mediated by a Foxo3-mTOR Cross Talk: Outcome for Beta-Thalassemic Erythropoiesis. Blood, 2011, 118, 176-176.	1.4	0
43	The RNA-Degrading Exosome Complex Is an Endogenous Suppressor of Erythroid Maturation. Blood, 2014, 124, 2659-2659.	1.4	0
44	Regulation of Hematopoietic Stem Cell Mitochondrial Metabolism. Blood, 2016, 128, SCI-33-SCI-33.	1.4	0
45	Identification of Potent Quiescent Human Hematopoietic Stem Cells Using Mitochondrial Profile. Blood, 2019, 134, 5602-5602.	1.4	0
46	Mild Anemia As a Single Independent Predictor of Mortality in Patients with COVID-19. Blood, 2020, 136, 41-42.	1.4	0