

Reuben Kapur

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,931
citations

304743

22
h-index

265206

42
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72
all docs

72
docs citations

72
times ranked

4237
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Hematopoietic Stem Cell Transplantation Efficacy by Mitigating Oxygen Shock. <i>Cell</i> , 2015, 161, 1553-1565.	28.9	273
2	Inhibition of Inflammatory Signaling in Tet2 Mutant Preleukemic Cells Mitigates Stress-Induced Abnormalities and Clonal Hematopoiesis. <i>Cell Stem Cell</i> , 2018, 23, 833-849.e5.	11.1	242
3	Notch-Dependent Repression of miR-155 in the Bone Marrow Niche Regulates Hematopoiesis in an NF- κ B-Dependent Manner. <i>Cell Stem Cell</i> , 2014, 15, 51-65.	11.1	161
4	ST2 blockade reduces sST2-producing T cells while maintaining protective mST2-expressing T cells during graft-versus-host disease. <i>Science Translational Medicine</i> , 2015, 7, 308ra160.	12.4	131
5	Sepsis Induces Hematopoietic Stem Cell Exhaustion and Myelosuppression through Distinct Contributions of TRIF and MYD88. <i>Stem Cell Reports</i> , 2016, 6, 940-956.	4.8	91
6	Blimp1 Prevents Methylation of Foxp3 and Loss of Regulatory T Cell Identity at Sites of Inflammation. <i>Cell Reports</i> , 2019, 26, 1854-1868.e5.	6.4	91
7	LIM kinases: cofilin and beyond. <i>Oncotarget</i> , 2017, 8, 41749-41763.	1.8	73
8	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1741-1758.	8.5	55
9	Mastocytosis: a mutated KIT receptor induced myeloproliferative disorder. <i>Oncotarget</i> , 2015, 6, 18250-18264.	1.8	53
10	Regulation of Stat5 by FAK and PAK1 in Oncogenic FLT3- and KIT-Driven Leukemogenesis. <i>Cell Reports</i> , 2014, 9, 1333-1348.	6.4	51
11	Specifically differentiated T cell subset promotes tumor immunity over fatal immunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 3577-3596.	8.5	42
12	PI3K p110 β uniquely promotes gain-of-function Shp2-induced GM-CSF hypersensitivity in a model of JMML. <i>Blood</i> , 2014, 123, 2838-2842.	1.4	35
13	p190-B RhoGAP and intracellular cytokine signals balance hematopoietic stem and progenitor cell self-renewal and differentiation. <i>Nature Communications</i> , 2017, 8, 14382.	12.8	35
14	Role of mTORC1-S6K1 signaling pathway in regulation of hematopoietic stem cell and acute myeloid leukemia. <i>Experimental Hematology</i> , 2017, 50, 13-21.	0.4	35
15	S6K1 regulates hematopoietic stem cell self-renewal and leukemia maintenance. <i>Journal of Clinical Investigation</i> , 2016, 126, 2621-2625.	8.2	33
16	SHP2 inhibition reduces leukemogenesis in models of combined genetic and epigenetic mutations. <i>Journal of Clinical Investigation</i> , 2019, 129, 5468-5473.	8.2	29
17	An IL-9-pulmonary macrophage axis defines the allergic lung inflammatory environment. <i>Science Immunology</i> , 2022, 7, eabi9768.	11.9	29
18	LIM Kinase Inhibitor Pyr1 Reduces the Growth and Metastatic Load of Breast Cancers. <i>Cancer Research</i> , 2016, 76, 3541-3552.	0.9	28

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19	Promoter demethylation of the asparagine synthetase gene is required for ATF4-dependent adaptation to asparagine depletion. <i>Journal of Biological Chemistry</i> , 2019, 294, 18674-18684.	3.4	26
20	Targeting phosphatidylinositol-3-kinase pathway for the treatment of Philadelphia-negative myeloproliferative neoplasms. <i>Molecular Cancer</i> , 2015, 14, 118.	19.2	25
21	P38 [±] /JNK signaling restrains erythropoiesis by suppressing Ezh2-mediated epigenetic silencing of Bim. <i>Nature Communications</i> , 2018, 9, 3518.	12.8	25
22	The Presence of Novel Amino Acids in the Cytoplasmic Domain of Stem Cell Factor Results in Hematopoietic Defects in Steel17H Mice. <i>Blood</i> , 1999, 94, 1915-1925.	1.4	24
23	Ras-Mek-Erk Signaling Regulates Nf1 Heterozygous Neointima Formation. <i>American Journal of Pathology</i> , 2014, 184, 79-85.	3.8	24
24	Internal Tandem Duplication Mutations in FLT3 Gene Augment Chemotaxis to Cxcl12 Protein by Blocking the Down-regulation of the Rho-associated Kinase via the Cxcl12/Cxcr4 Signaling Axis. <i>Journal of Biological Chemistry</i> , 2014, 289, 31053-31065.	3.4	21
25	Fate of Hematopoiesis During Aging. What Do We Really Know, and What are its Implications?. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1020-1048.	3.8	19
26	Loss of epigenetic regulator TET2 and oncogenic KIT regulate myeloid cell transformation via PI3K pathway. <i>JCI Insight</i> , 2018, 3, .	5.0	18
27	The mirn23a and mirn23b microrna clusters are necessary for proper hematopoietic progenitor cell production and differentiation. <i>Experimental Hematology</i> , 2018, 59, 14-29.	0.4	16
28	Targeting Bim via a lncRNA Morrbid Regulates the Survival of Preleukemic and Leukemic Cells. <i>Cell Reports</i> , 2020, 31, 107816.	6.4	15
29	ROCK1 via LIM kinase regulates growth, maturation and actin based functions in mast cells. <i>Oncotarget</i> , 2016, 7, 16936-16947.	1.8	15
30	Oncogenic KIT-induced aggressive systemic mastocytosis requires SHP2/PTPN11 phosphatase for disease progression in mice. <i>Oncotarget</i> , 2014, 5, 6130-6141.	1.8	14
31	<i>Nf1</i> ^{+/Δ} monocytes/macrophages induce neointima formation via CCR2 activation. <i>Human Molecular Genetics</i> , 2016, 25, 1129-1139.	2.9	13
32	Mutant p53 enhances leukemia-initiating cell self-renewal to promote leukemia development. <i>Leukemia</i> , 2019, 33, 1535-1539.	7.2	13
33	Role of intracellular tyrosines in activating KIT-induced myeloproliferative disease. <i>Leukemia</i> , 2012, 26, 1499-1506.	7.2	12
34	Regulation of Hematopoietic Stem Cell Self-Renewal and Leukemia Maintenance by the PI3K-mTORC1 Pathway. <i>Current Stem Cell Reports</i> , 2016, 2, 368-378.	1.6	12
35	Role of p38 and ERK MAP kinase in proliferation of erythroid progenitors in response to stimulation by soluble and membrane isoforms of stem cell factor. <i>Blood</i> , 2002, 100, 1287-93.	1.4	12
36	A quantitative proteomic analysis of cofilin phosphorylation in myeloid cells and its modulation using the LIM kinase inhibitor Pyr1. <i>PLoS ONE</i> , 2018, 13, e0208979.	2.5	11

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37	ROCK1 Functions As a Critical Regulator of Stress Erythropoiesis and Survival by Regulating p53. <i>Blood</i> , 2011, 118, 916-916.	1.4	11
38	Global microRNA expression is essential for murine mast cell development in vivo. <i>Experimental Hematology</i> , 2014, 42, 919-923.e1.	0.4	10
39	Clonal Hematopoiesis of Indeterminate Potential as a Novel Risk Factor for Donor-Derived Leukemia. <i>Stem Cell Reports</i> , 2020, 15, 279-291.	4.8	10
40	Targeting SHP2 phosphatase in hematological malignancies. <i>Expert Opinion on Therapeutic Targets</i> , 2022, 26, 319-332.	3.4	10
41	Driver Mutations in Leukemia Promote Disease Pathogenesis through a Combination of Cell-Autonomous and Niche Modulation. <i>Stem Cell Reports</i> , 2020, 15, 95-109.	4.8	8
42	Physioxia-induced downregulation of <i>Tet2</i> in hematopoietic stem cells contributes to enhanced self-renewal. <i>Blood</i> , 2022, 140, 1263-1277.	1.4	8
43	Targeting LIM kinases in taxane resistant tumors. <i>Oncotarget</i> , 2016, 7, 50816-50817.	1.8	6
44	Obesity-Induced Inflammation Co-Operates with Clonal Hematopoiesis of Indeterminate Potential (CHIP) Mutants to Promote Leukemia Development and Cardiovascular Disease. <i>Blood</i> , 2021, 138, 1094-1094.	1.4	6
45	Pharmacological inhibition of AKT activity in human CD34+ cells enhances their ability to engraft immunodeficient mice. <i>Experimental Hematology</i> , 2017, 45, 74-84.	0.4	5
46	Bmi1 Regulates Wnt Signaling in Hematopoietic Stem and Progenitor Cells. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2304-2313.	3.8	5
47	Role of LIM Kinase in Oncogenic Signaling from FLT3 and KIT Receptors and Its Targeting in Myeloid Leukemia. <i>Blood</i> , 2015, 126, 1257-1257.	1.4	5
48	Pharmacologic inhibition of PI3K p110 β in mutant Shp2E76K-expressing mice. <i>Oncotarget</i> , 2017, 8, 84776-84781.	1.8	5
49	Kinase inhibitors in clinical practice: An expanding world. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 522-524.	2.9	4
50	Putative Mechanisms Underlying Cardiovascular Disease Associated with Clonal Hematopoiesis of Indeterminate Potential. <i>Stem Cell Reports</i> , 2020, 15, 292-306.	4.8	4
51	Rapid development of myeloproliferative neoplasm in mice with <i>Ptpn11</i> <i>D61Y</i> mutation and haploinsufficient for <i>Dnmt3a</i> . <i>Oncotarget</i> , 2018, 9, 6055-6061.	1.8	4
52	Mitigation of a Newly Discovered Phenomenon, Extra Physiologic Oxygen Shock/Stress (EPOSS), Mediated By the Mitochondria Permeability Transition Pore, Greatly Improves Stem Cell Collection and Transplantation. <i>Blood</i> , 2014, 124, 2905-2905.	1.4	4
53	Immunotherapy Targeting ST2/IL-33 Signaling in Myeloid Leukemia Stem Cells. <i>Blood</i> , 2021, 138, 23-23.	1.4	4
54	SSMD: a semi-supervised approach for a robust cell type identification and deconvolution of mouse transcriptomics data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	3

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55	Kit Signaling Regulates Mitf Expression in Mastocytosis.. Blood, 2006, 108, 3601-3601.	1.4	3
56	IL-33/ST2 Triggering of IL-9-Secreting T Cells Alters the Balance of Fatal Immunity and Tumor Immunity. Blood, 2015, 126, 231-231.	1.4	3
57	Nuclear translocation of TFE3 under hypoxia enhances the engraftment of human hematopoietic stem cells. Leukemia, 2022, 36, 2144-2148.	7.2	3
58	Consecutive epigenetically-active agent combinations act in ID1-RUNX3-TET2 and HOXA pathways for Flt3ITD+ve AML. Oncotarget, 2018, 9, 5703-5715.	1.8	2
59	Repression of ROCKII by GATA-1 Inhibits Cell Proliferation during Erythroid Maturation.. Blood, 2007, 110, 3345-3345.	1.4	2
60	Novel Mechanisms of Growth Inhibition By Histone Deacetylase Inhibitors in MPN. Blood, 2015, 126, 1633-1633.	1.4	2
61	Inhibition of BTK and PI3K \hat{I} impairs the development of human JMML stem and progenitor cells. Molecular Therapy, 2022, 30, 2505-2521.	8.2	2
62	DNA damage on the DOCK in FLT3-ITD-driven acute myeloid leukemia. Haematologica, 2019, 104, 2330-2332.	3.5	0
63	Kit PY567- Directed Signals Are Important for Efficient Erythroid Progenitor Cell Proliferation and Survival, and Are Attenuated by Kit PY569.. Blood, 2004, 104, 2168-2168.	1.4	0
64	Gleevec Resistant Activating Mutation of c-Kit (D816V) Demonstrates Ligand Independent Growth and Promiscuous Cooperation with Multiple Cytokine Receptors Via the p85 \hat{I} Subunit of Class IA PI-3Kinase.. Blood, 2005, 106, 3530-3530.	1.4	0
65	ROCKI Regulates Critical Functions in Macrophages and Neutrophils.. Blood, 2007, 110, 2406-2406.	1.4	0
66	Focal Adhesion Kinase Regulates Critical Functions in Hematopoiesis.. Blood, 2007, 110, 1407-1407.	1.4	0
67	ROCKI Regulates Growth, Maturation and Migration of Mast Cells.. Blood, 2007, 110, 2191-2191.	1.4	0
68	Requirement for p85 \hat{I} Regulatory Subunit of Class IA PI3Kinase and Rac2 GTPase in Myeloproliferative Disease Driven by Activation Loop Mutant of KIT.. Blood, 2007, 110, 89-89.	1.4	0
69	PRL2 Maintains Hematopoietic Stem and Progenitor Cells Through Regulating SCF/KIT Signaling. Blood, 2013, 122, 3674-3674.	1.4	0
70	Imipramine Blue Sensitively and Selectively Targets FLT3 and c-Kit Mutant Acute Myeloid Leukemia. Blood, 2015, 126, 3688-3688.	1.4	0
71	S6K1 Regulates Self-Renewal of Leukemia Initiating Cells and Normal Hematopoietic Stem Cells. Blood, 2015, 126, 442-442.	1.4	0
72	Novel Functional Roles for Ten-Eleven-Translocation 2 (Tet2) in Normal and Leukemic Growth of Mast Cells. Blood, 2015, 126, 775-775.	1.4	0