

G Vignir Helgason

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,382
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3747
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting autophagy potentiates tyrosine kinase inhibitor-induced cell death in Philadelphia chromosome-positive cells, including primary CML stem cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 1109-1123.	8.2	503
2	Targeting mitochondrial oxidative phosphorylation eradicates therapy-resistant chronic myeloid leukemia stem cells. <i>Nature Medicine</i> , 2017, 23, 1234-1240.	30.7	382
3	Chronic myeloid leukemia stem cells are not dependent on Bcr-Abl kinase activity for their survival. <i>Blood</i> , 2012, 119, 1501-1510.	1.4	359
4	The leukaemia stem cell: similarities, differences and clinical prospects in CML and AML. <i>Nature Reviews Cancer</i> , 2020, 20, 158-173.	28.4	181
5	Kill one bird with two stones: potential efficacy of BCR-ABL and autophagy inhibition in CML. <i>Blood</i> , 2011, 118, 2035-2043.	1.4	106
6	Targeting quiescent leukemic stem cells using second generation autophagy inhibitors. <i>Leukemia</i> , 2019, 33, 981-994.	7.2	99
7	ATG7 regulates energy metabolism, differentiation and survival of Philadelphia-chromosome-positive cells. <i>Autophagy</i> , 2016, 12, 936-948.	9.1	84
8	The Antiproliferative Activity of Kinase Inhibitors in Chronic Myeloid Leukemia Cells Is Mediated by FOXO Transcription Factors. <i>Stem Cells</i> , 2014, 32, 2324-2337.	3.2	83
9	Targeting BCR-ABL-Independent TKI Resistance in Chronic Myeloid Leukemia by mTOR and Autophagy Inhibition. <i>Journal of the National Cancer Institute</i> , 2018, 110, 467-478.	6.3	76
10	Autophagy in blood cancers: biological role and therapeutic implications. <i>Haematologica</i> , 2013, 98, 1335-1343.	3.5	54
11	Mitochondrial metabolism as a potential therapeutic target in myeloid leukaemia. <i>Leukemia</i> , 2022, 36, 1-12.	7.2	54
12	Utilizing Stimulated Raman Scattering Microscopy To Study Intracellular Distribution of Label-Free Ponatinib in Live Cells. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2028-2034.	6.4	50
13	hsa-mir183/EGR1-mediated regulation of E2F1 is required for CML stem/progenitor cell survival. <i>Blood</i> , 2018, 131, 1532-1544.	1.4	40
14	Axl Blockade by BGB324 Inhibits BCR-ABL Tyrosine Kinase Inhibitor-Sensitive and -Resistant Chronic Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2017, 23, 2289-2300.	7.0	38
15	Folate metabolism: a re-emerging therapeutic target in haematological cancers. <i>Leukemia</i> , 2021, 35, 1539-1551.	7.2	38
16	Do we need more drugs for chronic myeloid leukemia?. <i>Immunological Reviews</i> , 2015, 263, 106-123.	6.0	37
17	Role of autophagy in cancer prevention, development and therapy. <i>Essays in Biochemistry</i> , 2013, 55, 133-151.	4.7	33
18	Autophagy in Chronic Myeloid Leukaemia: Stem Cell Survival and Implication in Therapy. <i>Current Cancer Drug Targets</i> , 2013, 13, 724-734.	1.6	32

#	ARTICLE	IF	CITATIONS
19	Targeting Chronic Myeloid Leukemia Stem Cells. <i>Current Hematologic Malignancy Reports</i> , 2010, 5, 81-87.	2.3	30
20	ULK1 inhibition promotes oxidative stressâ€“induced differentiation and sensitizes leukemic stem cells to targeted therapy. <i>Science Translational Medicine</i> , 2021, 13, eabd5016.	12.4	26
21	The Ins and Outs of Autophagy and Metabolism in Hematopoietic and Leukemic Stem Cells: Food for Thought. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 120.	3.7	17
22	Mechanisms and novel approaches in overriding tyrosine kinase inhibitor resistance in chronic myeloid leukemia. <i>Expert Review of Anticancer Therapy</i> , 2012, 12, 381-392.	2.4	15
23	BCR signaling contributes to autophagy regulation in chronic lymphocytic leukemia. <i>Leukemia</i> , 2020, 34, 640-644.	7.2	12
24	Autophagy and mitochondrial metabolism: insights into their role and therapeutic potential in chronic myeloid leukaemia. <i>FEBS Journal</i> , 2019, 286, 1271-1283.	4.7	11
25	Oncogene-Induced Sensitization to Chemotherapy-Induced Death Requires Induction as well as Deregulation of E2F1. <i>Cancer Research</i> , 2010, 70, 4074-4080.	0.9	10
26	Targeting ULK1 in cancer stem cells: insight from chronic myeloid leukemia. <i>Autophagy</i> , 2022, 18, 1734-1736.	9.1	3
27	Combined BCR-ABL inhibition with lentiviral-delivered shRNA and dasatinib augments induction of apoptosis in Philadelphia-positive cells. <i>Experimental Hematology</i> , 2009, 37, 206-214.	0.4	2
28	Auto-Commentary on: â€œTargeting mitochondrial oxidative phosphorylation eradicates therapy-resistant chronic myeloid leukemia stem cellsâ€•. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1403532.	0.7	2
29	Therapy Resistant CML Stem Cells Are Dependent on Mitochondrial Oxidative Metabolism for Their Survival. <i>Blood</i> , 2016, 128, 932-932.	1.4	2
30	Targeting autophagy potentiates tyrosine kinase inhibitorâ€“induced cell death in Philadelphia chromosomeâ€“positive cells, including primary CML stem cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 3634-3634.	8.2	2
31	Autophagy in hematopoiesis and leukemogenesis. , 2022, , 125-141.		1