

# G Vignir Helgason

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

1,710  
citations

17  
h-index

31  
g-index

31  
ext. papers

2,084  
ext. citations

9.6  
avg. IF

4.72  
L-index

#	Paper	IF	Citations
30	Autophagy in hematopoiesis and leukemogenesis <b>2022</b> , 125-141		0
29	Targeting ULK1 in cancer stem cells: insight from chronic myeloid leukemia.. <i>Autophagy</i> , <b>2022</b> , 1-3	10.2	0
28	Folate metabolism: a re-emerging therapeutic target in haematological cancers. <i>Leukemia</i> , <b>2021</b> , 35, 1539-1551	10.7	4
27	ULK1 inhibition promotes oxidative stress-induced differentiation and sensitizes leukemic stem cells to targeted therapy. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabd5016	17.5	2
26	Mitochondrial metabolism as a potential therapeutic target in myeloid leukaemia. <i>Leukemia</i> , <b>2021</b> ,	10.7	7
25	The leukaemia stem cell: similarities, differences and clinical prospects in CML and AML. <i>Nature Reviews Cancer</i> , <b>2020</b> , 20, 158-173	31.3	74
24	Utilizing Stimulated Raman Scattering Microscopy To Study Intracellular Distribution of Label-Free Ponatinib in Live Cells. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 2028-2034	8.3	21
23	BCR signaling contributes to autophagy regulation in chronic lymphocytic leukemia. <i>Leukemia</i> , <b>2020</b> , 34, 640-644	10.7	6
22	Autophagy and mitochondrial metabolism: insights into their role and therapeutic potential in chronic myeloid leukaemia. <i>FEBS Journal</i> , <b>2019</b> , 286, 1271-1283	5.7	9
21	Targeting quiescent leukemic stem cells using second generation autophagy inhibitors. <i>Leukemia</i> , <b>2019</b> , 33, 981-994	10.7	63
20	-mediated regulation of E2F1 is required for CML stem/progenitor cell survival. <i>Blood</i> , <b>2018</b> , 131, 1532-1544		28
19	Auto-Commentary on: "Targeting mitochondrial oxidative phosphorylation eradicates therapy-resistant chronic myeloid leukemia stem cells". <i>Molecular and Cellular Oncology</i> , <b>2018</b> , 5, e1403532	1.3	1
18	Targeting BCR-ABL-Independent TKI Resistance in Chronic Myeloid Leukemia by mTOR and Autophagy Inhibition. <i>Journal of the National Cancer Institute</i> , <b>2018</b> , 110, 467-478	9.7	51
17	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> , <b>2018</b> , 6, 120	5.7	12
16	Targeting mitochondrial oxidative phosphorylation eradicates therapy-resistant chronic myeloid leukemia stem cells. <i>Nature Medicine</i> , <b>2017</b> , 23, 1234-1240	50.5	247
15	Axl Blockade by BGB324 Inhibits BCR-ABL Tyrosine Kinase Inhibitor-Sensitive and -Resistant Chronic Myeloid Leukemia. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 2289-2300	12.9	30
14	Therapy Resistant CML Stem Cells Are Dependent on Mitochondrial Oxidative Metabolism for Their Survival. <i>Blood</i> , <b>2016</b> , 128, 932-932	2.2	2

13	ATG7 regulates energy metabolism, differentiation and survival of Philadelphia-chromosome-positive cells. <i>Autophagy</i> , <b>2016</b> , 12, 936-48	10.2	65
12	Do we need more drugs for chronic myeloid leukemia?. <i>Immunological Reviews</i> , <b>2015</b> , 263, 106-23	11.3	34
11	The antiproliferative activity of kinase inhibitors in chronic myeloid leukemia cells is mediated by FOXO transcription factors. <i>Stem Cells</i> , <b>2014</b> , 32, 2324-37	5.8	71
10	Autophagy in blood cancers: biological role and therapeutic implications. <i>Haematologica</i> , <b>2013</b> , 98, 1335-43	4.8	42
9	Role of autophagy in cancer prevention, development and therapy. <i>Essays in Biochemistry</i> , <b>2013</b> , 55, 133-56	5.6	30
8	Autophagy in chronic myeloid leukaemia: stem cell survival and implication in therapy. <i>Current Cancer Drug Targets</i> , <b>2013</b> , 13, 724-34	2.8	26
7	Mechanisms and novel approaches in overriding tyrosine kinase inhibitor resistance in chronic myeloid leukemia. <i>Expert Review of Anticancer Therapy</i> , <b>2012</b> , 12, 381-92	3.5	15
6	Chronic myeloid leukemia stem cells are not dependent on Bcr-Abl kinase activity for their survival. <i>Blood</i> , <b>2012</b> , 119, 1501-10	2.2	301
5	Kill one bird with two stones: potential efficacy of BCR-ABL and autophagy inhibition in CML. <i>Blood</i> , <b>2011</b> , 118, 2035-43	2.2	93
4	Oncogene-induced sensitization to chemotherapy-induced death requires induction as well as deregulation of E2F1. <i>Cancer Research</i> , <b>2010</b> , 70, 4074-80	10.1	9
3	Targeting chronic myeloid leukemia stem cells. <i>Current Hematologic Malignancy Reports</i> , <b>2010</b> , 5, 81-7	4.4	26
2	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> , <b>2009</b> , 119, 1109-23	15.9	439
1	Combined BCR-ABL inhibition with lentiviral-delivered shRNA and dasatinib augments induction of apoptosis in Philadelphia-positive cells. <i>Experimental Hematology</i> , <b>2009</b> , 37, 206-14	3.1	2