

Charlotte Hellmich

List of Publications by Year in descending order

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papers

460
citations

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21
docs citations

21
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	CD38-Driven Mitochondrial Trafficking Promotes Bioenergetic Plasticity in Multiple Myeloma. Cancer Research, 2019, 79, 2285-2297.	0.9	156
2	ROS-mediated PI3K activation drives mitochondrial transfer from stromal cells to hematopoietic stem cells in response to infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24610-24619.	7.1	82
3	Acute myeloid leukemia induces protumoral p16INK4a-driven senescence in the bone marrow microenvironment. Blood, 2019, 133, 446-456.	1.4	67
4	Free fatty-acid transport via CD36 drives β^2 -oxidation-mediated hematopoietic stem cell response to infection. Nature Communications, 2021, 12, 7130.	12.8	46
5	LC3-associated phagocytosis in bone marrow macrophages suppresses acute myeloid leukemia progression through STING activation. Journal of Clinical Investigation, 2022, 132, .	8.2	26
6	Bone Marrow Senescence and the Microenvironment of Hematological Malignancies. Frontiers in Oncology, 2020, 10, 230.	2.8	23
7	Daratumumab inhibits acute myeloid leukaemia metabolic capacity by blocking mitochondrial transfer from mesenchymal stromal cells. Haematologica, 2021, 106, 589-592.	3.5	21
8	Metabolic Regulation of Macrophages by SIRT1 Determines Activation During Cholestatic Liver Disease in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1019-1039.	4.5	14
9	PGC-1 α induced mitochondrial biogenesis in stromal cells underpins mitochondrial transfer to melanoma. British Journal of Cancer, 2022, 127, 69-78.	6.4	11
10	Acute Myeloid Leukaemia Drives Metabolic Changes in the Bone Marrow Niche. Frontiers in Oncology, 2021, 11, .	2.8	9
11	Venetoclax and Daratumumab combination treatment demonstrates pre-clinical efficacy in mouse models of Acute Myeloid Leukemia. Biomarker Research, 2021, 9, 35.	6.8	3
12	Acute Myeloid Leukemia Export Mitochondria in Extracellular Vesicles Which Induces Pro-Tumoral Changes in Bone Marrow Macrophages. Blood, 2019, 134, 1427-1427.	1.4	1
13	Free Fatty Acid Uptake By Hematopoietic Stem and Progenitor Cells Drives Immune Cell Expansion in Response to Salmonella Typhimurium infection. Blood, 2019, 134, 1197-1197.	1.4	1
14	All-Trans Retinoic Acid (ATRA) up-Regulates Cell Surface CD38 Expression Which Promotes Pro-Tumoral Mitochondrial Trafficking from Stromal Cells to Multiple Myeloma. Blood, 2018, 132, 3153-3153.	1.4	0
15	Stressed Hematopoiesis Induces Mitochondrial Trafficking to Hematopoietic Stem Cells. Blood, 2018, 132, 3849-3849.	1.4	0
16	Superoxide Drives PI3 Kinase Mediated Mitochondria Transfer from the Bone Marrow Microenvironment to Hematopoietic Stem Cells in Response to Salmonella Typhimurium. Blood, 2019, 134, 2490-2490.	1.4	0
17	ARQ531: the therapy that targets multiple pathways in acute myeloid leukemia. Haematologica, 2020, 105, 2350-2352.	3.5	0
18	BCL-XL Driven Accumulation of Dysfunctional Mitochondria in Aged Stromal Cells Impairs the Haematopoietic Stem Cell Response to Stress. Blood, 2021, 138, 1097-1097.	1.4	0

#	ARTICLE	IF	CITATIONS
19	Multiple Myeloma Derived Mitochondrial Damps Induce Inflammation in the Bone Marrow Adipose Tissue Which Promotes Tumour Development. Blood, 2021, 138, 2654-2654.	1.4	0
20	Mitochondrial Function Is Impaired in a Subset of Aged Haematopoietic Stem Cells in Response to Infection. Blood, 2020, 136, 27-28.	1.4	0
21	Myeloma Derived Mitochondrial Damage Associated Molecular Patterns Promote Pro-Tumoral Expansion By Inducing a Pro-Inflammatory Signature in the Bone Marrow Microenvironment. Blood, 2020, 136, 1-1.	1.4	0