

Charlotte Hellmich

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

460
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#	ARTICLE	IF	CITATIONS
1	CD38-Driven Mitochondrial Trafficking Promotes Bioenergetic Plasticity in Multiple Myeloma. <i>Cancer Research</i> , 2019, 79, 2285-2297.	0.4	156
2	ROS-mediated PI3K activation drives mitochondrial transfer from stromal cells to hematopoietic stem cells in response to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24610-24619.	3.3	82
3	Acute myeloid leukemia induces protumoral p16INK4a-driven senescence in the bone marrow microenvironment. <i>Blood</i> , 2019, 133, 446-456.	0.6	67
4	Free fatty-acid transport via CD36 drives \hat{I}^2 -oxidation-mediated hematopoietic stem cell response to infection. <i>Nature Communications</i> , 2021, 12, 7130.	5.8	46
5	LC3-associated phagocytosis in bone marrow macrophages suppresses acute myeloid leukemia progression through STING activation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	26
6	Bone Marrow Senescence and the Microenvironment of Hematological Malignancies. <i>Frontiers in Oncology</i> , 2020, 10, 230.	1.3	23
7	Daratumumab inhibits acute myeloid leukaemia metabolic capacity by blocking mitochondrial transfer from mesenchymal stromal cells. <i>Haematologica</i> , 2021, 106, 589-592.	1.7	21
8	Metabolic Regulation of Macrophages by SIRT1 Determines Activation During Cholestatic Liver Disease in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1019-1039.	2.3	14
9	PGC-1 β induced mitochondrial biogenesis in stromal cells underpins mitochondrial transfer to melanoma. <i>British Journal of Cancer</i> , 2022, 127, 69-78.	2.9	11
10	Acute Myeloid Leukaemia Drives Metabolic Changes in the Bone Marrow Niche. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	9
11	Venetoclax and Daratumumab combination treatment demonstrates pre-clinical efficacy in mouse models of Acute Myeloid Leukemia. <i>Biomarker Research</i> , 2021, 9, 35.	2.8	3
12	Acute Myeloid Leukemia Export Mitochondria in Extracellular Vesicles Which Induces Pro-Tumoral Changes in Bone Marrow Macrophages. <i>Blood</i> , 2019, 134, 1427-1427.	0.6	1
13	Free Fatty Acid Uptake By Hematopoietic Stem and Progenitor Cells Drives Immune Cell Expansion in Response to Salmonella Typhimurium infection. <i>Blood</i> , 2019, 134, 1197-1197.	0.6	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. <i>Blood</i> , 2018, 132, 3153-3153.	0.6	0
15	Stressed Hematopoiesis Induces Mitochondrial Trafficking to Hematopoietic Stem Cells. <i>Blood</i> , 2018, 132, 3849-3849.	0.6	0
16	Superoxide Drives PI3 Kinase Mediated Mitochondria Transfer from the Bone Marrow Microenvironment to Hematopoietic Stem Cells in Response to Salmonella Typhimurium. <i>Blood</i> , 2019, 134, 2490-2490.	0.6	0
17	ARQ531: the therapy that targets multiple pathways in acute myeloid leukemia. <i>Haematologica</i> , 2020, 105, 2350-2352.	1.7	0
18	BCL-XI Driven Accumulation of Dysfunctional Mitochondria in Aged Stromal Cells Impairs the Haematopoietic Stem Cell Response to Stress. <i>Blood</i> , 2021, 138, 1097-1097.	0.6	0

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19	Multiple Myeloma Derived Mitochondrial Damps Induce Inflammation in the Bone Marrow Adipose Tissue Which Promotes Tumour Development. Blood, 2021, 138, 2654-2654.	0.6	0
20	Mitochondrial Function Is Impaired in a Subset of Aged Haematopoietic Stem Cells in Response to Infection. Blood, 2020, 136, 27-28.	0.6	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.	0.6	0