Stuart A Rushworth

List of Publications by Year
in descending order

96	3,492	147726	143943
papers	citations	31 h-index	57 g-index

98	98	98	5167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LC3-associated phagocytosis in bone marrow macrophages suppresses acute myeloid leukemia progression through STING activation. Journal of Clinical Investigation, 2022, 132, .	3.9	26
2	Metabolic Regulation of Macrophages by SIRT1 Determines Activation During Cholestatic Liver Disease in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1019-1039.	2.3	14
3	PGC-1Î± induced mitochondrial biogenesis in stromal cells underpins mitochondrial transfer to melanoma. British Journal of Cancer, 2022, 127, 69-78.	2.9	11
4	Modelling Metabolic Shifts during Cardiomyocyte Differentiation, Iron Deficiency and Transferrin Rescue Using Human Pluripotent Stem Cells. Metabolites, 2022, 12, 9.	1.3	7
5	Daratumumab inhibits acute myeloid leukaemia metabolic capacity by blocking mitochondrial transfer from mesenchymal stromal cells. Haematologica, 2021, 106, 589-592.	1.7	21
6	Mitochondrial oxidative phosphorylation in cutaneous melanoma. British Journal of Cancer, 2021, 124, 115-123.	2.9	39
7	Synthesis of Carboxamideâ€Containing Tranylcypromine Analogues as LSD1 (KDM1A) Inhibitors Targeting Acute Myeloid Leukemia. ChemMedChem, 2021, 16, 1316-1324.	1.6	5
8	Allosteric Site on SHIP2 Identified Through Fluorescent Ligand Screening and Crystallography: A Potential New Target for Intervention. Journal of Medicinal Chemistry, 2021, 64, 3813-3826.	2.9	5
9	Venetoclax and Daratumumab combination treatment demonstrates pre-clinical efficacy in mouse models of Acute Myeloid Leukemia. Biomarker Research, 2021, 9, 35.	2.8	3
10	Mitochondria and the Tumour Microenvironment in Blood Cancer. Advances in Experimental Medicine and Biology, 2021, 1329, 181-203.	0.8	1
11	BCL-Xl Driven Accumulation of Dysfunctional Mitochondria in Aged Stromal Cells Impairs the Haematopoietic Stem Cell Response to Stress. Blood, 2021, 138, 1097-1097.	0.6	0
12	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
13	LC3-Associated Phagocytosis in Bone Marrow Macrophages Suppresses AML Progression through Mitochondrial DAMP Induced Sting Activation. Blood, 2021, 138, 3441-3441.	0.6	0
14	Free fatty-acid transport via CD36 drives Î²-oxidation-mediated hematopoietic stem cell response to infection. Nature Communications, 2021, 12, 7130.	5.8	46
15	3098 â€“ SINGLE-CELL ANALYSIS OF ALTERNATIVE SPLICING IN HEMATOPOIETIC STEM AND PROGENITOR CELLS. Experimental Hematology, 2021, 100, S89.	0.2	0
16	Trypanosoma brucei: Inhibition of cathepsin L is sufficient to kill bloodstream forms. Molecular and Biochemical Parasitology, 2020, 235, 111246.	0.5	7
17	Bone Marrow Senescence and the Microenvironment of Hematological Malignancies. Frontiers in Oncology, 2020, 10, 230.	1.3	23
18	ARQ531: the therapy that targets multiple pathways in acute myeloid leukemia. Haematologica, 2020, 105, 2350-2352.	1.7	0

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19	Autophagy Driven Extracellular Vesicles in the Leukaemic Microenvironment. Current Cancer Drug Targets, 2020, 20, 501-512.	0.8	3
20	Enhanced Free Fatty Acid Uptake Via CD36 Promotes a Metabolic Switch to B-Oxidation within Hematopoietic Stem Cells in Response to Acute Infection. Blood, 2020, 136, 39-40.	0.6	1
21	Mitochondrial Function Is Impaired in a Subset of Aged Haematopoietic Stem Cells in Response to Infection. Blood, 2020, 136, 27-28.	0.6	0
22	Investigating the Dual Targeting of BCL-2 and CD38 in Models of Acute Myeloid Leukemia. Blood, 2020, 136, 10-10.	0.6	0
23	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
24	Effect of Bruton's tyrosine kinase inhibitors on platelet aggregation in patients with acute myocardial infarction. Thrombosis Research, 2019, 179, 64-68.	0.8	6
25	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.	3.3	82
26	Acute myeloid leukemia induces protumoral p16INK4a-driven senescence in the bone marrow microenvironment. Blood, 2019, 133, 446-456.	0.6	67
27	CD38-Driven Mitochondrial Trafficking Promotes Bioenergetic Plasticity in Multiple Myeloma. Cancer Research, 2019, 79, 2285-2297.	0.4	156
28	Daratumumab Inhibits AML Metabolic Capacity and Tumor Growth through Inhibition of CD38 Mediated Mitochondrial Transfer from Bone Marrow Stromal Cells to Blasts in the Leukemic Microenvironment. Blood, 2019, 134, 1385-1385.	0.6	9
29	Acute Myeloid Leukemia Export Mitochondria in Extracellular Vesicles Which Induces Pro-Tumoral Changes in Bone Marrow Macrophages. Blood, 2019, 134, 1427-1427.	0.6	1
30	Myeloma Derived Extracellular Vesicles Containing Endoplasmic Reticulum Remodel the Bone Marrow Microenvironment Towards a Pro-Tumoral Senescent Phenotype. Blood, 2019, 134, 689-689.	0.6	0
31	Diffuse Large B Cell Lymphoma (DLBCL)-Released NM23-H1 Promotes Monocyte Survival and Inflammatory Cytokine Release: A Mechanistic Link between the Dual Impacts of NM23-H1 Expression and Reduced Lymphocyte:Monocyte Ratio in DLBCL Prognosis. Blood, 2019, 134, 2803-2803.	0.6	0
32	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.	0.6	1
33	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.	0.6	0
34	HIF1Î± drives chemokine factor pro-tumoral signaling pathways in acute myeloid leukemia. Oncogene, 2018, 37, 2676-2686.	2.6	25
35	High NRF2 expression controls endoplasmic reticulum stress induced apoptosis in multiple myeloma. Cancer Letters, 2018, 412, 37-45.	3.2	32
36	Myeloma-derived macrophage inhibitory factor regulates bone marrow stromal cell-derived IL-6 via c-MYC. Journal of Hematology and Oncology, 2018, 11, 66.	6.9	19

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37	PGC-1Î± driven mitochondrial biogenesis in stromal cells underpins mitochondrial trafficking to leukemic blasts. Leukemia, 2018, 32, 2073-2077.	3.3	17
38	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.	0.6	0
39	Stressed Hematopoiesis Induces Mitochondrial Trafficking to Hematopoietic Stem Cells. Blood, 2018, 132, 3849-3849.	0.6	0
40	NOX2 Derived Superoxide Induces Pro-Tumoral p16INK4a Driven Senescence in the AML Bone Marrow Microenvironment. Blood, 2018, 132, 2770-2770.	0.6	0
41	Inflammatory Differences in Plaque Erosion and Rupture in Patients With STâ€Segment Elevation Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	36
42	Front-line glioblastoma chemotherapeutic temozolomide is toxic to Trypanosoma brucei and potently enhances melarsoprol and eflornithine. Experimental Parasitology, 2017, 178, 45-50.	0.5	6
43	The bone marrow microenvironment â€“ Home of the leukemic blasts. Blood Reviews, 2017, 31, 277-286.	2.8	119
44	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. Blood, 2017, 129, 1320-1332.	0.6	226
45	NADPH oxidase-2 derived superoxide drives mitochondrial transfer from bone marrow stromal cells to leukemic blasts. Blood, 2017, 130, 1649-1660.	0.6	242
46	MIF-Induced Stromal PKCÎ²/IL8 Is Essential in Human Acute Myeloid Leukemia. Cancer Research, 2017, 77, 303-311.	0.4	66
47	The Role of PI3K Isoforms in Regulating Bone Marrow Microenvironment Signaling Focusing on Acute Myeloid Leukemia and Multiple Myeloma. Cancers, 2017, 9, 29.	1.7	31
48	Pulling the plug â€“ halting cancer's theft of mitochondria. Oncoscience, 2017, 4, 173-174.	0.9	2
49	Targeting PI3KÎ´ and PI3KÎ³ signalling disrupts human AML survival and bone marrow stromal cell mediated protection. Oncotarget, 2016, 7, 39784-39795.	0.8	24
50	Trypanocidal and cysteine protease inhibitory activity of isopentyl caffeate is not linked in Trypanosoma brucei. Parasitology Research, 2016, 115, 4397-4403.	0.6	12
51	Dual Activation of NRF2 in Multiple Myeloma and Bone Marrow Mesenchymal Stromal Cells Regulates Chemotherapy Resistance. Blood, 2016, 128, 3287-3287.	0.6	4
52	Bone Marrow Mesenchymal Stromal Cells Transfer Their Mitochondria to Acute Myeloid Leukaemia Blasts to Support Their Proliferation and Survival. Blood, 2016, 128, 772-772.	0.6	2
53	Hypoxia Drives AML Proliferation in the Bone Marrow Microenvironment Via Macrophage Inhibitory Factor. Blood, 2016, 128, 1721-1721.	0.6	1
54	Targeting BTK for the treatment of FLT3-ITD mutated acute myeloid leukemia. Scientific Reports, 2015, 5, 12949.	1.6	32

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55	Oxidative Stress Responses and NRF2 in Human Leukaemia. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-7.	1.9	48
56	Ibrutinib inhibits BTK-driven NF-Î¹B p65 activity to overcome bortezomib-resistance in multiple myeloma. Cell Cycle, 2015, 14, 2367-2375.	1.3	47
57	Activity of Bruton's tyrosine-kinase inhibitor ibrutinib in patients with CD117-positive acute myeloid leukaemia: a mechanistic study using patient-derived blast cells. Lancet Haematology,the, 2015, 2, e204-e211.	2.2	22
58	Targeting KEAP1/NRF2 pathway to manipulate the expression of oncogenic and oncosuppressive miRNAs in human leukemia. Molecular and Cellular Oncology, 2015, 5, 0-0.	0.3	2
59	Macrophage Migration Inhibitory Factor Drives Multiple Myeloma IL-6/8 Pro-Survival Signals in the Tumor Microenvironment. Blood, 2015, 126, 2988-2988.	0.6	1
60	FABP4 Regulates Fatty Acid Transfer from Bone Marrow Adipocytes to Acute Myeloid Leukemia Blasts. Blood, 2015, 126, 3065-3065.	0.6	0
61	Protein Kinase C-ÃŸ Dependent IL-8 Release Promotes Acute Myeloid Leukemia Blast Cell Survival in Co-Cultures with Bone Marrow Stromal Cells. Blood, 2015, 126, 3064-3064.	0.6	0
62	A Novel Feed-Forward Loop Involving the High Mobility Group A1 (HMGA1) Chromatin Remodeling Protein and cMYC in Acute Myeloid Leukemia Is Targeted By JQ1. Blood, 2015, 126, 2466-2466.	0.6	8
63	Ibrutinib inhibits SDF1/CXCR4 mediated migration in AML. Oncotarget, 2014, 5, 9930-9938.	0.8	63
64	Identification of Brutonâ€™s tyrosine kinase as a therapeutic target in acute myeloid leukemia. Blood, 2014, 123, 1229-1238.	0.6	101
65	Understanding life and death decisions in human leukaemias. Biochemical Society Transactions, 2014, 42, 747-751.	1.6	0
66	The BTK Inhibitor Ibrutinib Blocks SDF1/CXCR4 Mediated Migration of Acute Myeloid Leukemia Cells. Blood, 2014, 124, 915-915.	0.6	0
67	High Mobility Group A1 (HMGA1) Chromatin Remodeling Protein Mediates Crosstalk Between Acute Myeloid Leukemia Blasts & the Tumor Microenvironment. Blood, 2014, 124, 3564-3564.	0.6	1
68	BTK inhibitor ibrutinib is cytotoxic to myeloma and potently enhances bortezomib and lenalidomide activities through NF-Î¹B. Cellular Signalling, 2013, 25, 106-112.	1.7	99
69	Attenuation of dexamethasone-induced cell death in multiple myeloma is mediated by miR-125b expression. Cell Cycle, 2013, 12, 2144-2153.	1.3	64
70	Understanding the role of NRF2-regulated miRNAs in human malignancies. Oncotarget, 2013, 4, 1130-1142.	0.8	57
71	NRF2 Signaling Promotes Survival and Drug Resistance Of Acute Myeloid Leukaemia Through Induction Of Mir-125b-1. Blood, 2013, 122, 3741-3741.	0.6	1
72	Bortezomib induces heme oxygenase-1 expression in multiple myeloma. Cell Cycle, 2012, 11, 2248-2252.	1.3	41

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73	The high Nrf2 expression in human acute myeloid leukemia is driven by NF-Î²B and underlies its chemo-resistance. Blood, 2012, 120, 5188-5198.	0.6	225
74	Micro RNAs as a new therapeutic target towards leukaemia signalling. Cellular Signalling, 2012, 24, 363-368.	1.7	16
75	Understanding the role of miRNA in regulating NF-Î²B in blood cancer. American Journal of Cancer Research, 2012, 2, 65-74.	1.4	13
76	Protection of acute myeloid leukaemia cells from apoptosis induced by front-line chemotherapeutics is mediated by haem oxygenase-1. Oncotarget, 2011, 2, 658-668.	0.8	67
77	Targeting the oncogenic role of miRNA in human cancer using naturally occurring compounds. British Journal of Pharmacology, 2011, 162, 346-348.	2.7	11
78	TNF Mediates the Sustained Activation of Nrf2 in Human Monocytes. Journal of Immunology, 2011, 187, 702-707.	0.4	63
79	Silencing FLIPL modifies TNF-induced apoptotic protein expression. Cell Cycle, 2011, 10, 1067-1072.	1.3	6
80	High Basal Nuclear Levels of Nrf2 in Acute Myeloid Leukemia Reduces Sensitivity to Proteasome Inhibitors. Cancer Research, 2011, 71, 1999-2009.	0.4	81
81	The Role of Nrf2 and Cytoprotection in Regulating Chemotherapy Resistance of Human Leukemia Cells. Cancers, 2011, 3, 1605-1621.	1.7	45
82	NF-Î²Bâ€“Inhibited Acute Myeloid Leukemia Cells Are Rescued from Apoptosis by Heme Oxygenase-1 Induction. Cancer Research, 2010, 70, 2973-2983.	0.4	64
83	FLIP regulation of HO-1 and TNF signalling in human acute myeloid leukemia provides a unique secondary anti-apoptotic mechanism. Oncotarget, 2010, 1, 359-366.	0.8	31
84	FLIP regulation of HO-1 and TNF signalling in human acute myeloid leukemia provides a unique secondary anti-apoptotic mechanism. Oncotarget, 2010, 1, 359-66.	0.8	16
85	Molecular crosstalk between TRAIL and natural antioxidants in the treatment of cancer. British Journal of Pharmacology, 2009, 157, 1186-1188.	2.7	23
86	Epigallocatechin activates haem oxygenase-1 expression via protein kinase CÎ´ and Nrf2. Biochemical and Biophysical Research Communications, 2008, 373, 584-588.	1.0	46
87	TNF signaling gets FLIPped off: TNF-induced regulation of FLIP. Cell Cycle, 2008, 7, 194-199.	1.3	12
88	Lipopolysaccharide-Induced Expression of NAD(P)H:Quinone Oxidoreductase 1 and Heme Oxygenase-1 Protects against Excessive Inflammatory Responses in Human Monocytes. Journal of Immunology, 2008, 181, 6730-6737.	0.4	177
89	HO-1 underlies resistance of AML cells to TNF-induced apoptosis. Blood, 2008, 111, 3793-3801.	0.6	127
90	Role of protein kinase C Î´ in curcumin-induced antioxidant response element-mediated gene expression in human monocytes. Biochemical and Biophysical Research Communications, 2006, 341, 1007-1016.	1.0	160

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91	Lipopolysaccharide-Induced Heme Oxygenase-1 Expression in Human Monocytic Cells Is Mediated via Nrf2 and Protein Kinase C. Journal of Immunology, 2005, 175, 4408-4415.	0.4	171
92	Î±-Lipoic Acidâ€“Induced Heme Oxygenase-1 Expression Is Mediated by Nuclear Factor Erythroid 2-Related Factor 2 and p38 Mitogen-Activated Protein Kinase in Human Monocytic Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2100-2105.	1.1	113
93	HUMAN CD154 INDUCES ACTIVATION OF PORCINE ENDOTHELIAL CELLS AND UP-REGULATION OF MHC CLASS II EXPRESSION. Transplantation, 2001, 72, 127-132.	0.5	16
94	HIGH SEQUENCE HOMOLOGY BETWEEN HUMAN AND PIG CD40 WITH CONSERVED BINDING TO HUMAN CD154. Transplantation, 2000, 69, 936-940.	0.5	10
95	p16INK4A dependent senescence in the bone marrow niche drives age-related metabolic changes of hematopoietic progenitors. Blood Advances, 0, , .	2.5	4
96	Acute Myeloid Leukaemia Drives Metabolic Changes in the Bone Marrow Niche. Frontiers in Oncology, 0, 12, .	1.3	9