

Kristian M Bowles

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

4,492
citations

126901

33
h-index

110368

64
g-index

105
all docs

105
docs citations

105
times ranked

7285
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , 2018, 559, 400-404.	27.8	617
2	NADPH oxidase-2 derived superoxide drives mitochondrial transfer from bone marrow stromal cells to leukemic blasts. <i>Blood</i> , 2017, 130, 1649-1660.	1.4	242
3	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. <i>Blood</i> , 2017, 129, 1320-1332.	1.4	226
4	The high Nrf2 expression in human acute myeloid leukemia is driven by NF- κ B and underlies its chemo-resistance. <i>Blood</i> , 2012, 120, 5188-5198.	1.4	225
5	Diagnosis of post-transplant lymphoproliferative disorder in solid organ transplant recipients – BCSH and BTS Guidelines. <i>British Journal of Haematology</i> , 2010, 149, 675-692.	2.5	211
6	Management of post-transplant lymphoproliferative disorder in adult solid organ transplant recipients – BCSH and BTS Guidelines. <i>British Journal of Haematology</i> , 2010, 149, 693-705.	2.5	191
7	CD38-Driven Mitochondrial Trafficking Promotes Bioenergetic Plasticity in Multiple Myeloma. <i>Cancer Research</i> , 2019, 79, 2285-2297.	0.9	156
8	Splenomegaly: Investigation, diagnosis and management. <i>Blood Reviews</i> , 2009, 23, 105-111.	5.7	132
9	The bone marrow microenvironment – Home of the leukemic blasts. <i>Blood Reviews</i> , 2017, 31, 277-286.	5.7	119
10	Impact of Hemoglobin Levels and Anemia on Mortality in Acute Stroke: Analysis of UK Regional Registry Data, Systematic Review, and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	106
11	Identification of Bruton's tyrosine kinase as a therapeutic target in acute myeloid leukemia. <i>Blood</i> , 2014, 123, 1229-1238.	1.4	101
12	BTK inhibitor ibrutinib is cytotoxic to myeloma and potently enhances bortezomib and lenalidomide activities through NF- κ B. <i>Cellular Signalling</i> , 2013, 25, 106-112.	3.6	99
13	Impact of stroke-associated pneumonia on mortality, length of hospitalization, and functional outcome. <i>Acta Neurologica Scandinavica</i> , 2018, 138, 293-300.	2.1	93
14	Prognostic value of end-of-induction PET response after first-line immunochemotherapy for follicular lymphoma (GALLIUM): secondary analysis of a randomised, phase 3 trial. <i>Lancet Oncology</i> , The, 2018, 19, 1530-1542.	10.7	91
15	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.	7.1	82
16	How much residual plasma may cause TRALI?. <i>Transfusion Medicine</i> , 2008, 18, 276-280.	1.1	81
17	High Basal Nuclear Levels of Nrf2 in Acute Myeloid Leukemia Reduces Sensitivity to Proteasome Inhibitors. <i>Cancer Research</i> , 2011, 71, 1999-2009.	0.9	81
18	HOXB4 Overexpression Promotes Hematopoietic Development by Human Embryonic Stem Cells. <i>Stem Cells</i> , 2006, 24, 1359-1369.	3.2	79

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19	Protection of acute myeloid leukaemia cells from apoptosis induced by front-line chemotherapeutics is mediated by haem oxygenase-1. <i>Oncotarget</i> , 2011, 2, 658-668.	1.8	67
20	Acute myeloid leukemia induces protumoral p16INK4a-driven senescence in the bone marrow microenvironment. <i>Blood</i> , 2019, 133, 446-456.	1.4	67
21	MIF-Induced Stromal PKC β /IL8 Is Essential in Human Acute Myeloid Leukemia. <i>Cancer Research</i> , 2017, 77, 303-311.	0.9	66
22	NF- κ B-Inhibited Acute Myeloid Leukemia Cells Are Rescued from Apoptosis by Heme Oxygenase-1 Induction. <i>Cancer Research</i> , 2010, 70, 2973-2983.	0.9	64
23	Attenuation of dexamethasone-induced cell death in multiple myeloma is mediated by miR-125b expression. <i>Cell Cycle</i> , 2013, 12, 2144-2153.	2.6	64
24	Ibrutinib inhibits SDF1/CXCR4 mediated migration in AML. <i>Oncotarget</i> , 2014, 5, 9930-9938.	1.8	63
25	NRF2-driven miR-125B1 and miR-29B1 transcriptional regulation controls a novel anti-apoptotic miRNA regulatory network for AML survival. <i>Cell Death and Differentiation</i> , 2015, 22, 654-664.	11.2	58
26	Understanding the role of NRF2-regulated miRNAs in human malignancies. <i>Oncotarget</i> , 2013, 4, 1130-1142.	1.8	57
27	Overcoming bortezomib resistance in multiple myeloma. <i>Biochemical Society Transactions</i> , 2014, 42, 804-808.	3.4	51
28	Oxidative Stress Responses and NRF2 in Human Leukaemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7.	4.0	48
29	Ibrutinib inhibits BTK-driven NF- κ B p65 activity to overcome bortezomib-resistance in multiple myeloma. <i>Cell Cycle</i> , 2015, 14, 2367-2375.	2.6	47
30	Free fatty-acid transport via CD36 drives β -oxidation-mediated hematopoietic stem cell response to infection. <i>Nature Communications</i> , 2021, 12, 7130.	12.8	46
31	Anthracycline-based Chemotherapy as First-line Treatment in Adults with Malignant Posttransplant Lymphoproliferative Disorder after Solid Organ Transplantation. <i>Transplantation</i> , 2006, 82, 375-381.	1.0	41
32	Bortezomib induces heme oxygenase-1 expression in multiple myeloma. <i>Cell Cycle</i> , 2012, 11, 2248-2252.	2.6	41
33	Mitochondrial oxidative phosphorylation in cutaneous melanoma. <i>British Journal of Cancer</i> , 2021, 124, 115-123.	6.4	39
34	Inflammatory Differences in Plaque Erosion and Rupture in Patients With ST-segment Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	36
35	Targeting BTK for the treatment of FLT3-ITD mutated acute myeloid leukemia. <i>Scientific Reports</i> , 2015, 5, 12949.	3.3	32
36	High NRF2 expression controls endoplasmic reticulum stress induced apoptosis in multiple myeloma. <i>Cancer Letters</i> , 2018, 412, 37-45.	7.2	32

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37	Dectin-2 Recognizes Mannosylated O-antigens of Human Opportunistic Pathogens and Augments Lipopolysaccharide Activation of Myeloid Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 17629-17638.	3.4	31
38	The Role of PI3K Isoforms in Regulating Bone Marrow Microenvironment Signaling Focusing on Acute Myeloid Leukemia and Multiple Myeloma. <i>Cancers</i> , 2017, 9, 29.	3.7	31
39	FLIP regulation of HO-1 and TNF signalling in human acute myeloid leukemia provides a unique secondary anti-apoptotic mechanism. <i>Oncotarget</i> , 2010, 1, 359-366.	1.8	31
40	Efficacy of bendamustine and rituximab as first salvage treatment in chronic lymphocytic leukemia and indirect comparison with ibrutinib: a GIMEMA, ERIC and UK CLL FORUM study. <i>Haematologica</i> , 2018, 103, 1209-1217.	3.5	30
41	LC3-associated phagocytosis in bone marrow macrophages suppresses acute myeloid leukemia progression through STING activation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	26
42	Hyponatremia predicts mortality after stroke. <i>International Journal of Stroke</i> , 2015, 10, 50-55.	5.9	25
43	HIF1 α drives chemokine factor pro-tumoral signaling pathways in acute myeloid leukemia. <i>Oncogene</i> , 2018, 37, 2676-2686.	5.9	25
44	Necrotizing cervical lymphadenopathy caused by Kikuchi's Fujimoto disease. <i>British Journal of Radiology</i> , 2003, 76, 656-658.	2.2	24
45	Targeting PI3K γ and PI3K δ signalling disrupts human AML survival and bone marrow stromal cell mediated protection. <i>Oncotarget</i> , 2016, 7, 39784-39795.	1.8	24
46	Bone Marrow Senescence and the Microenvironment of Hematological Malignancies. <i>Frontiers in Oncology</i> , 2020, 10, 230.	2.8	23
47	Platelet mass has prognostic value in patients with myelodysplastic syndromes. <i>British Journal of Haematology</i> , 2006, 135, 198-200.	2.5	22
48	Activity of Bruton's tyrosine-kinase inhibitor ibrutinib in patients with CD117-positive acute myeloid leukaemia: a mechanistic study using patient-derived blast cells. <i>Lancet Haematology</i> , 2015, 2, e204-e211.	4.6	22
49	PI3K γ and PI3K δ isoforms have distinct functions in regulating pro-tumoural signalling in the multiple myeloma microenvironment. <i>Blood Cancer Journal</i> , 2017, 7, e539-e539.	6.2	22
50	Daratumumab inhibits acute myeloid leukaemia metabolic capacity by blocking mitochondrial transfer from mesenchymal stromal cells. <i>Haematologica</i> , 2021, 106, 589-592.	3.5	21
51	Myeloma-derived macrophage inhibitory factor regulates bone marrow stromal cell-derived IL-6 via c-MYC. <i>Journal of Hematology and Oncology</i> , 2018, 11, 66.	17.0	19
52	PGC-1 α driven mitochondrial biogenesis in stromal cells underpins mitochondrial trafficking to leukemic blasts. <i>Leukemia</i> , 2018, 32, 2073-2077.	7.2	17
53	Long-Term Factors Associated With Falls and Fractures Poststroke. <i>Frontiers in Neurology</i> , 2018, 9, 210.	2.4	16
54	FLIP regulation of HO-1 and TNF signalling in human acute myeloid leukemia provides a unique secondary anti-apoptotic mechanism. <i>Oncotarget</i> , 2010, 1, 359-66.	1.8	16

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55	Predicting response to recombinant factor VIIa in non-haemophilic patients with severe haemorrhage. <i>British Journal of Anaesthesia</i> , 2006, 97, 476-481.	3.4	15
56	Discrepancy between impedance and immunofluorescence platelet counting has implications for clinical decision making in patients with idiopathic thrombocytopenia purpura. <i>British Journal of Haematology</i> , 2006, 134, 320-322.	2.5	13
57	The clinical utility of <i>M</i> ultiplate analyser measurement in platelet function testing following stroke and transient ischaemic attack. <i>European Journal of Haematology</i> , 2015, 94, 138-144.	2.2	13
58	Results of a multicentre UK-wide compassionate use programme evaluating the efficacy of idelalisib monotherapy in relapsed, refractory follicular lymphoma. <i>British Journal of Haematology</i> , 2018, 181, 555-559.	2.5	13
59	A Phase II Study of Venetoclax in Combination With Pomalidomide and Dexamethasone in Relapsed/Refractory Multiple Myeloma. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, 775-784.	0.4	12
60	PGC-1 α induced mitochondrial biogenesis in stromal cells underpins mitochondrial transfer to melanoma. <i>British Journal of Cancer</i> , 2022, 127, 69-78.	6.4	11
61	Bonding in women with postnatal anaemia: a pilot case control study looking at postnatal bonding in women who have been diagnosed with anaemia at a University Hospital in the East of England. <i>Archives of Gynecology and Obstetrics</i> , 2012, 285, 1243-1248.	1.7	10
62	Myocardial infarction after acute ischaemic stroke: Incidence, mortality and risk factors. <i>Acta Neurologica Scandinavica</i> , 2019, 140, 219-228.	2.1	10
63	Impact of anaemia on acute stroke outcomes depends on the type of anaemia: Evidence from a UK stroke register. <i>Journal of the Neurological Sciences</i> , 2017, 383, 26-30.	0.6	9
64	Acute Myeloid Leukaemia Drives Metabolic Changes in the Bone Marrow Niche. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	9
65	Effect of Antiplatelet Therapy (Aspirin + Dipyridamole Versus Clopidogrel) on Mortality Outcome in Ischemic Stroke. <i>American Journal of Cardiology</i> , 2018, 122, 1085-1090.	1.6	8
66	Daratumumab, Cyclophosphamide, Bortezomib, Lenalidomide, Dexamethasone (Dara-CVRd), V-Augmented Autologous Stem Cell Transplant (V-ASCT) and Dara-Vrd Consolidation in Ultra-High Risk (UHR) Newly Diagnosed Myeloma (NDMM) and Primary Plasma Cell Leukemia (pPCL) Compared with Myeloma XI/XI+ Trial Treatment for UHR MM: The UK Optimum/Muknine Trial. <i>Blood</i> , 2021, 138, 465-465.	1.4	8
67	Hyperglycaemia and the SOAR stroke score in predicting mortality. <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 114-121.	2.0	7
68	Erdheim-Chester Disease: Two cases from an ophthalmic perspective. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 100984.	0.7	7
69	A 6-Point TACS Score Predicts In-Hospital Mortality Following Total Anterior Circulation Stroke.		

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73	Synthesis of Carboxamide-Containing Tranylcypromine Analogues as LSD1 (KDM1A) Inhibitors Targeting Acute Myeloid Leukemia. <i>ChemMedChem</i> , 2021, 16, 1316-1324.	3.2	5
74	Addition of sodium criterion to SOAR stroke score. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 553-559.	2.1	4
75	Determinants of Length of Stay Following Total Anterior Circulatory Stroke. <i>Geriatrics (Switzerland)</i> , 2017, 2, 26.	1.7	4
76	Low estimated glomerular filtration rate and pneumonia in stroke patients: findings from a prospective stroke registry in the East of England. <i>Clinical Epidemiology</i> , 2018, Volume 10, 887-896.	3.0	4
77	Dual Activation of NRF2 in Multiple Myeloma and Bone Marrow Mesenchymal Stromal Cells Regulates Chemotherapy Resistance. <i>Blood</i> , 2016, 128, 3287-3287.	1.4	4
78	p16INK4A dependent senescence in the bone marrow niche drives age-related metabolic changes of hematopoietic progenitors. <i>Blood Advances</i> , 0, , .	5.2	4
79	Does prior antithrombotic therapy influence recurrence and bleeding risk in stroke patients with atrial fibrillation or atrial flutter?. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 729-737.	1.8	3
80	Venetoclax and Daratumumab combination treatment demonstrates pre-clinical efficacy in mouse models of Acute Myeloid Leukemia. <i>Biomarker Research</i> , 2021, 9, 35.	6.8	3
81	A 35-year-old with swollen knees who had recurrent fever and pericarditis, then diarrhoea before getting better. <i>Lancet, The</i> , 1996, 348, 1356.	13.7	2
82	Resolution of Roth spots in chronic myeloid leukaemia after treatment with imatinib. <i>British Journal of Haematology</i> , 2015, 170, 744-744.	2.5	2
83	Targeting KEAP1/NRF2 pathway to manipulate the expression of oncogenic and oncosuppressive miRNAs in human leukemia. <i>Molecular and Cellular Oncology</i> , 2015, 5, 0-0.	0.7	2
84	Response to COVID-19 Vaccines in Patients Receiving Intensified Post-ASCT Therapy with Daratumumab, Lenalidomide, Bortezomib (Dara-VR) Due to Ultra-High Risk (UHiR) Newly Diagnosed Myeloma (NDMM) or Primary Plasma Cell Leukemia (pPCL): Exploratory Analysis of the UK Optimum/Muknine Trial. <i>Blood</i> , 2021, 138, 2699-2699.	1.4	2
85	You can't have your cake and eat it too. <i>Gut</i> , 2011, 60, 852-852.	12.1	1
86	“Haemorrhagic disease of the newborn” 89 years later than expected: vitamin K deficiency bleeding. <i>Lancet, The</i> , 2014, 384, 556.	13.7	1
87	Nodular Lymphocyte Predominant Hodgkin Lymphoma: A Real-world Case Series of Consecutive Patients Treated by a Single Multidisciplinary Team in the East of England From 1999 to 2015. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2017, 17, e75-e78.	0.4	1
88	Macrophage Migration Inhibitory Factor Drives Multiple Myeloma IL-6/8 Pro-Survival Signals in the Tumor Microenvironment. <i>Blood</i> , 2015, 126, 2988-2988.	1.4	1
89	NRF2 Signaling Promotes Survival and Drug Resistance Of Acute Myeloid Leukaemia Through Induction Of Mir-125b-1. <i>Blood</i> , 2013, 122, 3741-3741.	1.4	1
90	High Mobility Group A1 (HMGA1) Chromatin Remodeling Protein Mediates Crosstalk Between Acute Myeloid Leukemia Blasts & the Tumor Microenvironment. <i>Blood</i> , 2014, 124, 3564-3564.	1.4	1

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91	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
92	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
93	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.	1.4	1
94	Follicular lymphoma. , 2001, , 111-125.		0
95	Follicular lymphoma. , 0, , 87-103.		0
96	A History of Falls is Associated with a Significant Increase in Acute Mortality in Women after Stroke.		