

# Christopher M Bunce

## List of Publications by Citations

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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.

44 papers	1,387 citations	18 h-index	37 g-index
45 ext. papers	1,530 ext. citations	4.2 avg, IF	3.59 L-index

#	Paper	IF	Citations
44	Optimized metabolite extraction from blood serum for $^1\text{H}$ nuclear magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , <b>2008</b> , 377, 16-23	3.1	144
43	Selective serotonin reuptake inhibitors directly signal for apoptosis in biopsy-like Burkitt lymphoma cells. <i>Blood</i> , <b>2003</b> , 101, 3212-9	2.2	131
42	PEP005, a selective small-molecule activator of protein kinase C, has potent antileukemic activity mediated via the delta isoform of PKC. <i>Blood</i> , <b>2005</b> , 106, 1362-8	2.2	117
41	The aldo-keto reductase AKR1C3 is a novel suppressor of cell differentiation that provides a plausible target for the non-cyclooxygenase-dependent antineoplastic actions of nonsteroidal anti-inflammatory drugs. <i>Cancer Research</i> , <b>2003</b> , 63, 505-12	10.1	106
40	Characterization of two novel aldo-keto reductases from Arabidopsis: expression patterns, broad substrate specificity, and an open active-site structure suggest a role in toxicant metabolism following stress. <i>Journal of Molecular Biology</i> , <b>2009</b> , 392, 465-80	6.5	101
39	Crystal structures of prostaglandin D(2) 11-ketoreductase (AKR1C3) in complex with the nonsteroidal anti-inflammatory drugs flufenamic acid and indomethacin. <i>Cancer Research</i> , <b>2004</b> , 64, 1802-10	10.1	98
38	Metabolomic profiling of drug responses in acute myeloid leukaemia cell lines. <i>PLoS ONE</i> , <b>2009</b> , 4, e42513	3.7	90
37	The serotonin transporter (SLC6A4) is present in B-cell clones of diverse malignant origin: probing a potential anti-tumor target for psychotropics. <i>FASEB Journal</i> , <b>2005</b> , 19, 1187-9	0.9	69
36	Elevated NCOR1 disrupts PPARalpha/gamma signaling in prostate cancer and forms a targetable epigenetic lesion. <i>Carcinogenesis</i> , <b>2010</b> , 31, 1650-60	4.6	49
35	A rapid procedure for isolating hemopoietic cell nuclei. <i>Analytical Biochemistry</i> , <b>1988</b> , 175, 67-73	3.1	42
34	Potential of myeloid differentiation by anti-inflammatory agents, by steroids and by retinoic acid involves a single intracellular target, probably an enzyme of the aldo-ketoreductase family. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1996</b> , 1311, 189-98	4.9	38
33	Proton NMR-based metabolite analyses of archived serial paired serum and urine samples from myeloma patients at different stages of disease activity identifies acetylcarnitine as a novel marker of active disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e56422	3.7	32
32	Intracellular concentrations of inositol, glycerophosphoinositol and inositol pentakisphosphate increase during haemopoietic cell differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1994</b> , 1222, 101-8	4.9	30
31	The haematopoietic stem cell niche: new insights into the mechanisms regulating haematopoietic stem cell behaviour. <i>Stem Cells International</i> , <b>2011</b> , 2011, 274564	5	28
30	The development of cell lineages: a sequential model. <i>Differentiation</i> , <b>1988</b> , 39, 83-9	3.5	27
29	Hypoxia triggers major metabolic changes in AML cells without altering indomethacin-induced TCA cycle deregulation. <i>ACS Chemical Biology</i> , <b>2011</b> , 6, 169-75	4.9	26
28	Variant cell lines from the human promyelocyte line HL60. <i>Leukemia Research</i> , <b>1982</b> , 6, 491-8	2.7	24

27	Estrone potentiates myeloid cell differentiation: a role for 17 beta-hydroxysteroid dehydrogenase in modulating hemopoiesis. <i>Experimental Hematology</i> , <b>1999</b> , 27, 451-60	3.1	22
26	Analysis of the role of COP9 Signalosome (CSN) subunits in K562; the first link between CSN and autophagy. <i>BMC Cell Biology</i> , <b>2009</b> , 10, 31		16
25	Nm23-h1 indirectly promotes the survival of acute myeloid leukemia blast cells by binding to more mature components of the leukemic clone. <i>Cancer Research</i> , <b>2011</b> , 71, 1177-86	10.1	16
24	Malonate as a ROS product is associated with pyruvate carboxylase activity in acute myeloid leukaemia cells. <i>Cancer &amp; Metabolism</i> , <b>2016</b> , 4, 15	5.4	14
23	The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. <i>Cell Reports</i> , <b>2017</b> , 21, 1507-1520	10.6	14
22	Evaluation of solvent accessibility epitopes for different dehydrogenase inhibitors. <i>ChemMedChem</i> , <b>2008</b> , 3, 1371-6	3.7	14
21	1 alpha,25-Dihydroxyvitamin D3 promotes monocytopoiesis and suppresses granulocytopoiesis in cultures of normal human myeloid blast cells. <i>Journal of Leukocyte Biology</i> , <b>1994</b> , 56, 124-32	6.5	14
20	Bistratene A induces a microtubule-dependent block in cytokinesis and altered stathmin expression in HL60 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 260, 80-8	3.4	13
19	Tracer-Based Metabolic NMR-Based Flux Analysis in a Leukaemia Cell Line. <i>ChemPlusChem</i> , <b>2016</b> , 81, 453-459	2.8	12
18	Knockdown of AKR1C3 exposes a potential epigenetic susceptibility in prostate cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 155, 47-55	5.1	11
17	Bezafibrate and medroxyprogesterone acetate in resistant and relapsed endemic Burkitt lymphoma in Malawi; an open-label, single-arm, phase 2 study (ISRCTN34303497). <i>British Journal of Haematology</i> , <b>2014</b> , 164, 888-90	4.5	11
16	Cathepsin B synthesis by the HL60 promyelocytic cell line: effects of stimulating agents and anti-inflammatory compounds. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1986</b> , 887, 283-90	4.9	11
15	Changes in inositol transport during DMSO-induced differentiation of HL60 cells towards neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1991</b> , 1091, 158-64	4.9	10
14	The case for extracellular Nm23-H1 as a driver of acute myeloid leukaemia (AML) progression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2015</b> , 388, 225-33	3.4	7
13	Growth of single HL60 cells in liquid culture: analysis of the influences of differentiative agents. <i>Leukemia Research</i> , <b>1996</b> , 20, 821-9	2.7	7
12	Models of haemopoiesis. <i>Leukemia Research</i> , <b>1990</b> , 14, 495-9	2.7	7
11	Phorbol myristate acetate treatment of normal human myeloid blast cells promotes monopoiesis and inhibits granulopoiesis. <i>Leukemia Research</i> , <b>1990</b> , 14, 1007-17	2.7	7
10	Triiodothyronine blocks potentiation of HL60 monocyte differentiation by anti-inflammatory agents and by steroids and induces apoptosis of all-trans retinoic acid "primed" cells. <i>Leukemia Research</i> , <b>1997</b> , 21, 623-34	2.7	5

9	Expression of a nuclear envelope protein recognized by the monoclonal antibody BU31 in lung tumours: relationship to Ki-67 antigen expression. <i>Journal of Pathology</i> , <b>1994</b> , 173, 89-96	9.4	5
8	Single arm phase II trial assessing the safety, compliance with and activity of Bezafibrate and medroxyProgesterone acetate (BaP) therapy against myeloid and lymphoid cancers. <i>Contemporary Clinical Trials Communications</i> , <b>2019</b> , 14, 100361	1.8	4
7	Metabolic Fluxes in Cancer Metabolism <b>2015</b> , 315-348		4
6	Bezafibrate and medroxyprogesterone acetate target resting and CD40L-stimulated primary marginal zone lymphoma and show promise in indolent B-cell non-Hodgkin lymphomas. <i>Leukemia and Lymphoma</i> , <b>2015</b> , 56, 1079-87	1.9	3
5	Protein phosphorylation events and changes in inositol metabolism during HL60 cell differentiation. <i>Biochemical Society Transactions</i> , <b>1991</b> , 19, 315-20	5.1	3
4	Inositol lipids and phosphates in the proliferation and differentiation of lymphocytes and myeloid cells. <i>Novartis Foundation Symposium</i> , <b>1992</b> , 164, 2-11; discussion 12-6		3
3	Where now in elderly AML?. <i>British Journal of Haematology</i> , <b>2009</b> , 145, 333	4.5	1
2	Expression of a 215,000-dalton nuclear envelope protein decreases during cell maturation. <i>Leukemia Research</i> , <b>1986</b> , 10, 1175-82	2.7	1
1	All-trans retinoic acid increases transgene expression in MSCV-transduced cells, via a mechanism that is retinoid receptor dependent but independent of cellular differentiation. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 132-8	4.8	