Christopher M Bunce

List of Publications by Year
in descending order

45 papers	1,625 citations	394421 19 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	2511 citing authors

#	Article	IF	Citations
1	Optimized metabolite extraction from blood serum for 1H nuclear magnetic resonance spectroscopy. Analytical Biochemistry, 2008, 377, 16-23.	2.4	164
2	Selective serotonin reuptake inhibitors directly signal for apoptosis in biopsy-like Burkitt lymphoma cells. Blood, 2003, 101, 3212-3219.	1.4	158
3	PEP005, a selective small-molecule activator of protein kinase C, has potent antileukemic activity mediated via the delta isoform of PKC. Blood, 2005, 106, 1362-1368.	1.4	127
4	Characterization of Two Novel Aldoâ€"Keto Reductases from Arabidopsis: Expression Patterns, Broad Substrate Specificity, and an Open Active-Site Structure Suggest a Role in Toxicant Metabolism Following Stress. Journal of Molecular Biology, 2009, 392, 465-480.	4.2	123
5	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. Cancer Research, 2003, 63, 505-12.	0.9	117
6	Crystal Structures of Prostaglandin D2 11-Ketoreductase (AKR1C3) in Complex with the Nonsteroidal Anti-Inflammatory Drugs Flufenamic Acid and Indomethacin. Cancer Research, 2004, 64, 1802-1810.	0.9	106
7	Metabolomic Profiling of Drug Responses in Acute Myeloid Leukaemia Cell Lines. PLoS ONE, 2009, 4, e4251.	2.5	101
8	The serotonin transporter (SLC6A4) is present in Bâ€cell clones of diverse malignant origin: probing a potential antitumor target for psychotropics. FASEB Journal, 2005, 19, 1187-1189.	0.5	77
9	Elevated NCOR1 disrupts PPARÎ±/Î³ signaling in prostate cancer and forms a targetable epigenetic lesion. Carcinogenesis, 2010, 31, 1650-1660.	2.8	56
10	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. PLoS ONE, 2013, 8, e56422.	2.5	56
11	Potentiation of myeloid differentiation by anti-inflammatory agents, by steroids and by retinoic acid involves a single intracellular target, probably an enzyme of the aldoketoreductase family. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1311, 189-198.	4.1	45
12	A rapid procedure for isolating hemopoietic cell nuclei. Analytical Biochemistry, 1988, 175, 67-73.	2.4	44
13	The Haematopoietic Stem Cell Niche: New Insights into the Mechanisms Regulating Haematopoietic Stem Cell Behaviour. Stem Cells International, 2011, 2011, 1-10.	2.5	36
14	Intracellular concentrations of inositol, glycerophosphoinositol and inositol pentakisphosphate increase during haemopoietic cell differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1222, 101-108.	4.1	34
15	Hypoxia Triggers Major Metabolic Changes in AML Cells without Altering Indomethacin-Induced TCA Cycle Deregulation. ACS Chemical Biology, 2011, 6, 169-175.	3.4	31
16	Variant cell lines from the human promyelocyte line HL60. Leukemia Research, 1982, 6, 491-498.	0.8	28
17	The development of cell lineages: A sequential model. Differentiation, 1988, 39, 83-89.	1.9	28
18	Estrone potentiates myeloid cell differentiation. Experimental Hematology, 1999, 27, 451-460.	0.4	24

#	Article	IF	Citations
19	The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. Cell Reports, 2017, 21, 1507-1520.	6.4	22
20	Analysis of the role of COP9 Signalosome (CSN) subunits in K562; the first link between CSN and autophagy. BMC Cell Biology, 2009, 10, 31.	3.0	20
21	Malonate as a ROS product is associated with pyruvate carboxylase activity in acute myeloid leukaemia cells. Cancer & Metabolism, 2016, 4, 15.	5.0	20
22	Nm23-H1 Indirectly Promotes the Survival of Acute Myeloid Leukemia Blast Cells by Binding to More Mature Components of the Leukemic Clone. Cancer Research, 2011, 71, 1177-1186.	0.9	18
23	1Î±,25-Dihydroxyvitamin D3 promotes monocytopoiesis and suppresses granulocytopoiesis in cultures of normal human myeloid blast cells. Journal of Leukocyte Biology, 1994, 56, 124-132.	3.3	17
24	Evaluation of Solvent Accessibility Epitopes for Different Dehydrogenase Inhibitors. ChemMedChem, 2008, 3, 1371-1376.	3.2	16
25	Tracerâ€Based Metabolic NMRâ€Based Flux Analysis in a Leukaemia Cell Line. ChemPlusChem, 2016, 81, 453-459.	2.8	15
26	Knockdown of AKR1C3 exposes a potential epigenetic susceptibility in prostate cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2016, 155, 47-55.	2.5	15
27	Cathepsin B synthesis by the HL60 promyelocytic cell line: effects of stimulating agents and anti-inflammatory compounds. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 887, 283-290.	4.1	14
28	Bistratene A Induces a Microtubule-Dependent Block in Cytokinesis and Altered Stathmin Expression in HL60 Cells. Biochemical and Biophysical Research Communications, 1999, 260, 80-88.	2.1	14
29	Bezafibrate and medroxyprogesterone acetate in resistant and relapsed endemic <scp>B</scp>urkitt lymphoma in <scp>M</scp>alawi; an openâ€label, singleâ€arm, phase 2 study (ISRCTN34303497). British Journal of Haematology, 2014, 164, 888-890.	2.5	13
30	Changes in inositol transport during DMSO-induced differentiation of HL60 cells towards neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1091, 158-164.	4.1	10
31	Growth of single HL60 cells in liquid culture: Analysis of the influences of differentiative agents. Leukemia Research, 1996, 20, 821-829.	0.8	10
32	The case for extracellular Nm23-H1 as a driver of acute myeloid leukaemia (AML) progression. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 225-233.	3.0	9
33	Phorbol myristate acetate treatment of normal human myeloid blast cells promotes monopoiesis and inhibits granulopoiesis. Leukemia Research, 1990, 14, 1007-1017.	0.8	8
34	Models of haemopoiesis. Leukemia Research, 1990, 14, 495-499.	0.8	7
35	Expression of a nuclear envelope protein recognized by the monoclonal antibody BU31 in lung tumours: Relationship to Ki-67 antigen expression. Journal of Pathology, 1994, 173, 89-96.	4.5	6
36	Single arm phase II trial assessing the safety, compliance with and activity of Bezafibrate and medroxyProgesterone acetate (BaP) therapy against myeloid and lymphoid cancers. Contemporary Clinical Trials Communications, 2019, 14, 100361.	1.1	6

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37	Triiodothyronine blocks potentiation of HL60 monocyte differentiation by anti-inflammatory agents and by steroids and induces apoptosis of all-trans retinoic acid â€œprimedâ€•cells. Leukemia Research, 1997, 21, 623-634.	0.8	5
38	Bezafibrate and medroxyprogesterone acetate target resting and CD40L-stimulated primary marginal zone lymphoma and show promise in indolent B-cell non-Hodgkin lymphomas. Leukemia and Lymphoma, 2015, 56, 1079-1087.	1.3	5
39	Combined bezafibrate, medroxyprogesterone acetate and valproic acid treatment inhibits osteosarcoma cell growth without adversely affecting normal mesenchymal stem cells. Bioscience Reports, 2021, 41, .	2.4	5
40	Metabolic Fluxes in Cancer Metabolism. , 2015, , 315-348.		5
41	Expression of a 215,000-dalton nuclear envelope protein decreases during cell maturation. Leukemia Research, 1986, 10, 1175-1182.	0.8	3
42	Protein phosphorylation events and changes in inositol metabolism during HL60 cell differentiation. Biochemical Society Transactions, 1991, 19, 315-320.	3.4	3
43	Inositol Lipids and Phosphates in the Proliferation and Differentiation of Lymphocytes and Myeloid Cells. Novartis Foundation Symposium, 1992, 164, 2-16.	1.1	3
44	Where now in elderly AML?. British Journal of Haematology, 2009, 145, 333-333.	2.5	1
45	All-transRetinoic Acid Increases Transgene Expression in MSCV-Transduced Cells, via a Mechanism That Is Retinoid Receptor Dependent but Independent of Cellular Differentiation. Human Gene Therapy, 2005, 16, 132-138.	2.7	0