Anthony D Whetton

List of Publications by Citations

184 papers	6,156 citations	43 h-index	70 g-index
190 ext. papers	6,920 ext. citations	7 avg, IF	5.53 L-index

#	Paper	IF	Citations
184	The role of the tumor-microenvironment in lung cancer-metastasis and its relationship to potential therapeutic targets. *Cancer Treatment Reviews*, **2014**, 40, 558-66	14.4	243
183	Systems-level dynamic analyses of fate change in murine embryonic stem cells. *Nature*, **2009**, 462, 358-62	50.4	237
182	Eight-channel iTRAQ enables comparison of the activity of six leukemogenic tyrosine kinases. *Molecular and Cellular Proteomics*, **2008**, 7, 853-63	7.6	203
181	Homing and mobilization in the stem cell niche. *Trends in Cell Biology*, **1999**, 9, 233-8	18.3	197
180	Simultaneous analysis of relative protein expression levels across multiple samples using iTRAQ isobaric tags with 2D nano LC-MS/MS. *Nature Protocols*, **2010**, 5, 1574-82	18.8	188
179	Multiple reaction monitoring to identify sites of protein phosphorylation with high sensitivity. *Molecular and Cellular Proteomics*, **2005**, 4, 1134-44	7.6	183
178	Quantitative proteomics reveals posttranslational control as a regulatory factor in primary hematopoietic stem cells. *Blood*, **2006**, 107, 4687-94	2.2	147
177	Dual targeting of p53 and c-MYC selectively eliminates leukaemic stem cells. *Nature*, **2016**, 534, 341-6	50.4	141
176	Molecular histology of lung cancer: from targets to treatments. *Cancer Treatment Reviews*, **2015**, 41, 361-75	14.4	117
175	Regulation of embryonic and induced pluripotency by aurora kinase-p53 signaling. *Cell Stem Cell*, **2012**, 11, 179-94	18	117
174	The phorbol ester, TPA inhibits glucagon-stimulated adenylate cyclase activity. *FEBS Letters*, **1984**, 170, 38-42	3.8	111
173	The role of hemopoietic growth factors in self-renewal and differentiation of IL-3-dependent multipotential stem cells. *Growth Factors*, **1990**, 2, 197-211	1.6	110
172	Is serum or plasma more appropriate for intersubject comparisons in metabolomic studies? An assessment in patients with small-cell lung cancer. *Analytical Chemistry*, **2011**, 83, 6689-97	7.8	106
171	JAK2/STAT5 inhibition by nilotinib with ruxolitinib contributes to the elimination of CML CD34+ cells in vitro and in vivo. *Blood*, **2014**, 124, 1492-501	2.2	101
170	THOC5/FMIP, an mRNA export TREX complex protein, is essential for hematopoietic primitive cell survival in vivo. *BMC Biology*, **2010**, 8, 1	7.3	100
169	Quantitative proteomic analysis using isobaric protein tags enables rapid comparison of changes in transcript and protein levels in transformed cells. *Molecular and Cellular Proteomics*, **2005**, 4, 924-35	7.6	91
168	Proteomics techniques and their application to hematology. *Blood*, **2004**, 103, 3624-34	2.2	90

167	Effect of haematopoietic cell growth factor on intracellular ATP levels. *Nature*, **1983**, 303, 629-31	50.4	87
166	A sensitive mass spectrometric method for hypothesis-driven detection of peptide post-translational modifications: multiple reaction monitoring-initiated detection and sequencing (MIDAS). *Nature Protocols*, **2009**, 4, 870-7	18.8	85
165	SRC-induced disassembly of adherens junctions requires localized phosphorylation and degradation of the rac activator tiam1. *Molecular Cell*, **2009**, 33, 639-53	17.6	74
164	Chronic myeloid leukaemia: an investigation into the role of Bcr-Abl-induced abnormalities in glucose transport regulation. *Oncogene*, **2005**, 24, 3257-67	9.2	73
163	The antiproliferative activity of kinase inhibitors in chronic myeloid leukemia cells is mediated by FOXO transcription factors. *Stem Cells*, **2014**, 32, 2324-37	5.8	71
162	Forskolin and ethanol both perturb the structure of liver plasma membranes and activate adenylate cyclase activity. *Biochemical Pharmacology*, **1983**, 32, 1601-8	6	65
161	Lysophospholipids synergistically promote primitive hematopoietic cell chemotaxis via a mechanism involving Vav 1. *Blood*, **2003**, 102, 2798-802	2.2	64
160	Quantitative proteomics analysis demonstrates post-transcriptional regulation of embryonic stem cell differentiation to hematopoiesis. *Molecular and Cellular Proteomics*, **2008**, 7, 459-72	7.6	63
159	Quantitative mass spectrometry-based techniques for clinical use: biomarker identification and quantification. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2009**, 877, 1240-9	3.2	62
158	A novel mechanism for BCR-ABL action: stimulated secretion of CCN3 is involved in growth and differentiation regulation. *Blood*, **2006**, 108, 1716-23	2.2	60
157	Comparative proteomics of primitive hematopoietic cell populations reveals differences in expression of proteins regulating motility. *Blood*, **2004**, 103, 3751-9	2.2	60
156	Further characterisation of the in situ terminal deoxynucleotidyl transferase (TdT) assay for the flow cytometric analysis of apoptosis in drug resistant and drug sensitive leukaemic cells. *Cytometry*, **1995**, 20, 245-56		57
155	Interleukin-3-mediated cell survival signals include phosphatidylinositol 3-kinase-dependent translocation of the glucose transporter GLUT1 to the cell surface. *Journal of Biological Chemistry*, **2003**, 278, 39337-48	5.4	55
154	The application of quantification techniques in proteomics for biomedical research. *Mass Spectrometry Reviews*, **2013**, 32, 1-26	11	51
153	Relative quantification in proteomics: new approaches for biochemistry. *Trends in Biochemical Sciences*, **2006**, 31, 473-84	10.3	51
152	Transforming growth factor-beta 1 induces apoptosis independently of p53 and selectively reduces expression of Bcl-2 in multipotent hematopoietic cells. *Journal of Biological Chemistry*, **2000**, 275, 39137-45	5.4	51
151	The survival of differentiating embryonic stem cells is dependent on the SCF-KIT pathway. *Journal of Cell Science*, **2006**, 119, 3039-46	5.3	50
150	Proteomics and Informatics for Understanding Phases and Identifying Biomarkers in COVID-19 Disease. *Journal of Proteome Research*, **2020**, 19, 4219-4232	5.6	48

149	Neuropeptide control of bone marrow neutrophil production is mediated by both direct and indirect effects on CFU-GM. *British Journal of Haematology*, **2000**, 108, 140-50	4.5	48
148	Role of cytokines and extracellular matrix in the regulation of haemopoietic stem cells. *Current Opinion in Cell Biology*, **1998**, 10, 721-6	9	47
147	PEDRo: a database for storing, searching and disseminating experimental proteomics data. *BMC Genomics*, **2004**, 5, 68	4.5	47
146	Statistical considerations of optimal study design for human plasma proteomics and biomarker discovery. *Journal of Proteome Research*, **2012**, 11, 2103-13	5.6	45
145	The potential for proteomic definition of stem cell populations. *Experimental Hematology*, **2003**, 31, 1147-59	3.1	44
144	Systematic proteome and transcriptome analysis of stem cell populations. *Cell Cycle*, **2006**, 5, 1587-91	4.7	43
143	Erythroid development of the FDCP-Mix A4 multipotent cell line is governed by the relative concentrations of erythropoietin and interleukin 3. *British Journal of Haematology*, **1995**, 91, 15-22	4.5	43
142	An activated protein kinase C alpha gives a differentiation signal for hematopoietic progenitor cells and mimicks macrophage colony-stimulating factor-stimulated signaling events. *Journal of Cell Biology*, **1998**, 140, 1511-8	7.3	42
141	A label-free selected reaction monitoring workflow identifies a subset of pregnancy specific glycoproteins as potential predictive markers of early-onset pre-eclampsia. *Molecular and Cellular Proteomics*, **2013**, 12, 3148-59	7.6	39
140	v-Abl-mediated apoptotic suppression is associated with SHC phosphorylation without concomitant mitogen-activated protein kinase activation. *Journal of Biological Chemistry*, **1995**, 270, 5956-62	5.4	38
139	Thermotropic lipid phase separations in human platelet and rat liver plasma membranes. *Journal of Membrane Biology*, **1983**, 76, 139-49	2.3	37
138	Global effects of BCR/ABL and TEL/PDGFRbeta expression on the proteome and phosphoproteome: identification of the Rho pathway as a target of BCR/ABL. *Journal of Biological Chemistry*, **2005**, 280, 6316-26	5.4	36
137	Glucose transport regulation by p210 Bcr-Abl in a chronic myeloid leukaemia model. *British Journal of Haematology*, **2001**, 112, 212-5	4.5	36
136	Influence of growth factors and substrates on differentiation of haemopoietic stem cells. *Current Opinion in Cell Biology*, **1993**, 5, 1044-9	9	35
135	Protein Z: A putative novel biomarker for early detection of ovarian cancer. *International Journal of Cancer*, **2016**, 138, 2984-92	7.5	35
134	Glucocorticoid receptor regulates accurate chromosome segregation and is associated with malignancy. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5479-84	11.5	34
133	A hierarchical statistical modeling approach to analyze proteomic isobaric tag for relative and absolute quantitation data. *Bioinformatics*, **2014**, 30, 549-58	7.2	34
132	Comparative quantification of the surfaceome of human multipotent mesenchymal progenitor cells. *Stem Cell Reports*, **2015**, 4, 473-88	8	33

131	Drosophila F-BAR protein Syndapin contributes to coupling the plasma membrane and contractile ring in cytokinesis. *Open Biology*, **2013**, 3, 130081	7	33
130	Activation of Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-3 Receptor Subunits in a Multipotential Hematopoietic Progenitor Cell Line Leads to Differential Effects on Development. *Blood*, **1999**, 94, 1504-1514	2.2	33
129	Proteomic Biomarkers for the Detection of Endometrial Cancer. *Cancers*, **2019**, 11,	6.6	32
128	p210 Bcr-Abl expression in a primitive multipotent haematopoietic cell line models the development of chronic myeloid leukaemia. *Oncogene*, **1998**, 17, 667-72	9.2	32
127	The rho-kinase inhibitors Y-27632 and fasudil act synergistically with imatinib to inhibit the expansion of ex vivo CD34(+) CML progenitor cells. *Leukemia*, **2007**, 21, 1708-14	10.7	32
126	Role of phosphatidylinositol 3-kinase and specific protein kinase B isoforms in the suppression of apoptosis mediated by the Abelson protein-tyrosine kinase. *Journal of Biological Chemistry*, **2000**, 275, 13142-8	5.4	32
125	Liquid chromatography-mass spectrometry calibration transfer and metabolomics data fusion. *Analytical Chemistry*, **2012**, 84, 9848-57	7.8	31
124	The use of isobaric tag peptide labeling (iTRAQ) and mass spectrometry to examine rare, primitive hematopoietic cells from patients with chronic myeloid leukemia. *Molecular Biotechnology*, **2007**, 36, 81-9	3	31
123	The M-CSF receptor substrate and interacting protein FMIP is governed in its subcellular localization by protein kinase C-mediated phosphorylation, and thereby potentiates M-CSF-mediated differentiation. *Oncogene*, **2004**, 23, 6581-9	9.2	31
122	A combined biomarker panel shows improved sensitivity for the early detection of ovarian cancer allowing the identification of the most aggressive type II tumours. *British Journal of Cancer*, **2017**, 117, 666-674	8.7	29
121	FMIP controls the adipocyte lineage commitment of C2C12 cells by downmodulation of C/EBP alpha. *Oncogene*, **2007**, 26, 1020-7	9.2	29
120	Guanidination chemistry for qualitative and quantitative proteomics. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 3245-56	2.2	29
119	-mediated regulation of E2F1 is required for CML stem/progenitor cell survival. *Blood*, **2018**, 131, 1532-1544	2.4	28
118	Proteomic analysis of chronic lymphocytic leukemia subtypes with mutated or unmutated Ig V(H) genes. *Molecular and Cellular Proteomics*, **2003**, 2, 1331-41	7.6	28
117	Genome-wide analysis of transcriptional reprogramming in mouse models of acute myeloid leukaemia. *PLoS ONE*, **2011**, 6, e16330	3.7	27
116	Glucocorticoid receptor isoforms direct distinct mitochondrial programs to regulate ATP production. *Scientific Reports*, **2016**, 6, 26419	4.9	26
115	BCR-ABL affects STAT5A and STAT5B differentially. *PLoS ONE*, **2014**, 9, e97243	3.7	26
114	The application of a hypothesis-driven strategy to the sensitive detection and location of acetylated lysine residues. *Journal of the American Society for Mass Spectrometry*, **2007**, 18, 1423-8	3.5	26

113	Bcr-Abl protein tyrosine kinase activity induces a loss of p53 protein that mediates a delay in myeloid differentiation. *Oncogene*, **2000**, 19, 5487-97	9.2	26
112	The methyltransferase WBSCR22/Merm1 enhances glucocorticoid receptor function and is regulated in lung inflammation and cancer. *Journal of Biological Chemistry*, **2014**, 289, 8931-46	5.4	25
111	Proteomic analyses of intermediate filaments reveals cytokeratin8 is highly acetylated--implications for colorectal epithelial homeostasis. *Proteomics*, **2008**, 8, 279-88	4.8	25
110	Haemopoietic growth factors. *Trends in Biochemical Sciences*, **1986**, 11, 207-211	10.3	25
109	THOC5 controls 3′-end-processing of immediate early genes via interaction with polyadenylation specific factor 100 (CPSF100). *Nucleic Acids Research*, **2014**, 42, 12249-60	20.1	24
108	Flt3 ligand can promote survival and macrophage development without proliferation in myeloid progenitor cells. *Experimental Hematology*, **1999**, 27, 663-72	3.1	24
107	Changes in the proteome associated with the action of Bcr-Abl tyrosine kinase are not related to transcriptional regulation. *Molecular and Cellular Proteomics*, **2002**, 1, 876-84	7.6	23
106	Identification of primary structural features that define the differential actions of IL-3 and GM-CSF receptors. *Blood*, **2002**, 100, 3164-74	2.2	23
105	Perturbations of liver plasma membranes induced by Ca2+ are detected using a fatty acid spin label and adenylate cyclase as membrane probes. *Biochimica Et Biophysica Acta - Biomembranes*, **1983**, 729, 104-14	3.8	23
104	Transcriptional regulation of immediate-early gene response by THOC5, a member of mRNA export complex, contributes to the M-CSF-induced macrophage differentiation. *Cell Death and Disease*, **2013**, 4, e879	9.8	22
103	Amplification and translocation of 3q26 with overexpression of EVI1 in Fanconi anemia-derived childhood acute myeloid leukemia with biallelic FANCD1/BRCA2 disruption. *Genes Chromosomes and Cancer*, **2007**, 46, 359-72	5	22
102	Integrated nuclear proteomics and transcriptomics identifies S100A4 as a therapeutic target in acute myeloid leukemia. *Leukemia*, **2020**, 34, 427-440	10.7	22
101	A caspase-3 'death-switch' in colorectal cancer cells for induced and synchronous tumor apoptosis in vitro and in vivo facilitates the development of minimally invasive cell death biomarkers. *Cell Death and Disease*, **2013**, 4, e613	9.8	21
100	Developmental fate determination and marker discovery in hematopoietic stem cell biology using proteomic fingerprinting. *Molecular and Cellular Proteomics*, **2008**, 7, 573-81	7.6	21
99	A pathway from leukemogenic oncogenes and stem cell chemokines to RNA processing via THOC5. *Leukemia*, **2013**, 27, 932-40	10.7	20
98	BCR-ABL alters the proliferation and differentiation response of multipotent hematopoietic cells to stem cell factor. *Oncogene*, **2002**, 21, 3068-75	9.2	20
97	Development of multipotential haemopoietic stem cells to neutrophils is associated with increased expression of receptors for granulocyte macrophage colony-stimulating factor: altered biological responses to GM-CSF during development. *Growth Factors*, **1991**, 5, 87-98	1.6	20
96	Discovery and Validation of Predictive Biomarkers of Survival for Non-small Cell Lung Cancer Patients Undergoing Radical Radiotherapy: Two Proteins With Predictive Value. *EBioMedicine*, **2015**, 2, 841-50	8.8	19

95	How will haematologists use proteomics?. *Blood Reviews*, **2007**, 21, 315-26	11.1	19
94	5'Nucleotidase is activated upon cholesterol-depletion of liver plasma membranes. *FEBS Letters*, **1983**, 157, 70-4	3.8	19
93	Antibody-based detection of protein phosphorylation status to track the efficacy of novel therapies using nanogram protein quantities from stem cells and cell lines. *Nature Protocols*, **2015**, 10, 149-68	18.8	17
92	A proof-of-principle gel-free proteomics strategy for the identification of predictive biomarkers for the onset of pre-eclampsia. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2009**, 116, 1473-80	3.7	17
91	The time is right: proteome biology of stem cells. *Cell Stem Cell*, **2008**, 2, 215-7	18	17
90	The local anaesthetic and bilayer fluidising agent, benzyl alcohol decreases the thermostability of the integral membrane protein adenylate cyclase. *FEBS Letters*, **1982**, 140, 85-8	3.8	17
89	A gel-free quantitative proteomics analysis of factors released from hypoxic-conditioned placentae. *Reproductive Sciences*, **2010**, 17, 247-57	3	16
88	Assessment of downstream effectors of BCR/ABL protein tyrosine kinase using combined proteomic approaches. *Proteomics*, **2010**, 10, 3321-42	4.8	16
87	Transglutaminase 2 expression in acute myeloid leukemia: association with adhesion molecule expression and leukemic blast motility. *Proteomics*, **2013**, 13, 2216-2224	4.8	15
86	Heterozygote FANCD2 mutations associated with childhood T Cell ALL and testicular seminoma. *Familial Cancer*, **2012**, 11, 661-5	3	15
85	Nuclear localization of the pre-mRNA associating protein THOC7 depends upon its direct interaction with Fms tyrosine kinase interacting protein (FMIP). *FEBS Letters*, **2009**, 583, 13-8	3.8	15
84	THOC5 couples M-CSF receptor signaling to transcription factor expression. *Cellular Signalling*, **2009**, 21, 309-16	4.9	15
83	THOC5 spliceosome protein: a target for leukaemogenic tyrosine kinases that affects inositol lipid turnover. *British Journal of Haematology*, **2008**, 141, 641-50	4.5	15
82	Protein kinase C delta is phosphorylated on five novel Ser/Thr sites following inducible overexpression in human colorectal cancer cells. *Protein Science*, **2007**, 16, 2711-5	6.3	15
81	The Effect of Bcr-Abl Protein Tyrosine Kinase on Maturation and Proliferation of Primitive Haematopoietic Cells. *Molecular Medicine*, **2000**, 6, 892-902	6.2	15
80	The effect of the chemokine rhMIP-1 alpha, and a non-aggregating variant BB-10010, on blast cells from patients with acute myeloid leukaemia. *British Journal of Haematology*, **1996**, 95, 77-84	4.5	15
79	Adenosine triphosphate can maintain multipotent haemopoietic stem cells in the absence of interleukin 3 via a membrane permeabilization mechanism. *Biochemical and Biophysical Research Communications*, **1988**, 152, 1173-8	3.4	15
78	The lipid fluidity of rat liver membrane subfractions. *Biochemical Journal*, **1983**, 214, 851-4	3.8	15

77	The thermodependence of the activity of integral enzymes in liver plasma membranes: evidence consistent with a functionally asymmetric lipid bilayer. *FEBS Letters*, **1982**, 143, 147-52	3.8	15
76	Novel manifestations of immune dysregulation and granule defects in gray platelet syndrome. *Blood*, **2020**, 136, 1956-1967	2.2	15
75	Metabolomic Biomarkers for Detection, Prognosis and Identifying Recurrence in Endometrial Cancer. *Metabolites*, **2020**, 10,	5.6	15
74	Diagnosis of epithelial ovarian cancer using a combined protein biomarker panel. *British Journal of Cancer*, **2019**, 121, 483-489	8.7	14
73	Fanconi anemia (FA)-associated 3q gains in leukemic transformation consistently target EVI1, but do not affect low TERC expression in FA. *Blood*, **2011**, 117, 6047-50	2.2	14
72	An ataxia-telangiectasia-mutated (ATM) kinase mediated response to DNA damage down-regulates the mRNA-binding potential of THOC5. *Rna*, **2011**, 17, 1957-66	5.8	14
71	A comparison of the effect of bcr/abl breakpoint specific phosphothiorate oligodeoxynucleotides on colony formation by bcr/abl positive and negative, CD34 enriched mononuclear cell populations. *Leukemia Research*, **1996**, 20, 391-5	2.7	14
70	Urinary Biomarkers and Their Potential for the Non-Invasive Detection of Endometrial Cancer. *Frontiers in Oncology*, **2020**, 10, 559016	5.3	14
69	ERK and AKT phosphorylation status in lung cancer and emphysema using nanocapillary isoelectric focusing. *BMJ Open Respiratory Research*, **2016**, 3, e000114	5.6	13
68	Proteome biology of stem cells. *Stem Cell Research*, **2007**, 1, 7-8	1.6	13
67	Identification of a Biomarker Panel for Early Detection of Lung Cancer Patients. *Journal of Proteome Research*, **2019**, 18, 3369-3382	5.6	12
66	Quantitative proteomic analysis reveals maturation as a mechanism underlying glucocorticoid resistance in B lineage ALL and re-sensitization by JNK inhibition. *British Journal of Haematology*, **2015**, 171, 595-605	4.5	12
65	A specific PTPRC/CD45 phosphorylation event governed by stem cell chemokine CXCL12 regulates primitive hematopoietic cell motility. *Molecular and Cellular Proteomics*, **2013**, 12, 3319-29	7.6	12
64	The requirement for proteomics to unravel stem cell regulatory mechanisms. *Journal of Cellular Physiology*, **2011**, 226, 2478-83	7	12
63	Bcr-Abl-mediated molecular mechanism for apoptotic suppression in multipotent haemopoietic cells: a role for PKCbetaII. *Cellular Signalling*, **2004**, 16, 145-56	4.9	12
62	Identification of nuclear protein targets for six leukemogenic tyrosine kinases governed by post-translational regulation. *PLoS ONE*, **2012**, 7, e38928	3.7	12
61	The specific enhancement of interferon alpha induced growth inhibition by BCR/ABL only occurs in multipotent cells. *The Hematology Journal*, **2001**, 2, 257-64		12
60	The use of missing values in proteomic data-independent acquisition mass spectrometry to enable disease activity discrimination. *Bioinformatics*, **2020**, 36, 2217-2223	7.2	12

59	Oncogenic MYC amplifies mitotic perturbations. *Open Biology*, **2019**, 9, 190136	7	11
58	Ribosome-associated nucleophosmin 1: increased expression and shuttling activity distinguishes prognostic subtypes in chronic lymphocytic leukaemia. *British Journal of Haematology*, **2010**, 148, 534-43	4.5	11
57	Macrophage inflammatory protein-1 alpha mediated growth inhibition in a haemopoietic stem cell line is associated with inositol 1,4,5 triphosphate generation. *Growth Factors*, **1995**, 12, 165-72	1.6	11
56	The biology and clinical potential of growth factors that regulate myeloid cell production. *Trends in Pharmacological Sciences*, **1990**, 11, 285-9	13.2	11
55	Phosphorylation of the leukemic oncoprotein EVI1 on serine 196 modulates DNA binding, transcriptional repression and transforming ability. *PLoS ONE*, **2013**, 8, e66510	3.7	11
54	Acquired cross-linker resistance associated with a novel spliced BRCA2 protein variant for molecular phenotyping of BRCA2 disruption. *Cell Death and Disease*, **2017**, 8, e2875	9.8	10
53	Proteome biology of stem cells: a new joint HUPO and ISSCR initiative. *Molecular and Cellular Proteomics*, **2008**, 7, 204-5	7.6	10
52	Novel risk models for early detection and screening of ovarian cancer. *Oncotarget*, **2017**, 8, 785-797	3.3	10
51	Monocyte-derived dendritic cells from chronic myeloid leukaemia have abnormal maturation and cytoskeletal function that is associated with defective localisation and signalling by normal ABL1 protein. *European Journal of Haematology*, **2014**, 93, 96-102	3.8	9
50	An assessment of peptide enrichment methods employing mTRAQ quantification approaches. *Analytical Chemistry*, **2012**, 84, 5604-10	7.8	9
49	Molecular pathogenesis of chronic myeloid leukaemia. *Expert Reviews in Molecular Medicine*, **2003**, 5, 1-27	6.7	9
48	The role of growth factors in haemopoiesis. *BioEssays*, **1985**, 2, 154-158	4.1	9
47	The use of proteomics for systematic analysis of normal and transformed hematopoietic stem cells. *Current Pharmaceutical Design*, **2012**, 18, 1730-50	3.3	8
46	Proteomic analysis reveals a novel mechanism induced by the leukemic oncogene Tel/PDGFR□n stem cells: activation of the interferon response pathways. *Stem Cell Research*, **2010**, 5, 226-43	1.6	8
45	Mechanism of glucagon activation of adenylate cyclase in the presence of Mn2+. *FEBS Letters*, **1983** , 155, 311-6	3.8	8
44	BCR/ABL modulates protein phosphorylation associated with the etoposide-induced DNA damage response. *Journal of Proteomics*, **2012**, 77, 14-26	3.9	7
43	Mutation of a phosphorylatable residue in Put3p affects the magnitude of rapamycin-induced PUT1 activation in a Gat1p-dependent manner. *Journal of Biological Chemistry*, **2009**, 284, 24115-22	5.4	7
42	Dimethylnitrosamine inhibits the glucagon-stimulated adenylate cyclase activity of rat liver plasma membranes and decreases plasma membrane fluidity. *Biochimica Et Biophysica Acta - Biomembranes* , **1984**, 773, 106-12	3.8	7

41	Development of a selected reaction monitoring mass spectrometry-based assay to detect asparaginyl endopeptidase activity in biological fluids. *Oncotarget*, **2016**, 7, 70822-70831	3.3	7
40	Data Independent Acquisition Mass Spectrometry Can Identify Circulating Proteins That Predict Future Weight Loss with a Diet and Exercise Programme. *Journal of Clinical Medicine*, **2019**, 8,	5.1	6
39	Activation of Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-3 Receptor Subunits in a Multipotential Hematopoietic Progenitor Cell Line Leads to Differential Effects on Development. *Blood*, **1999**, 94, 1504-1514	2.2	6
38	Quantitative phosphoproteome analysis of embryonic stem cell differentiation toward blood. *Oncotarget*, **2015**, 6, 10924-39	3.3	6
37	Metabolomic Biomarkers for the Detection of Obesity-Driven Endometrial Cancer. *Cancers*, **2021**, 13,	6.6	6
36	Pride and prejudice - What can we learn from peer review?. *Medical Teacher*, **2020**, 42, 1012-1018	3	5
35	EVI1 carboxy-terminal phosphorylation is ATM-mediated and sustains transcriptional modulation and self-renewal via enhanced CtBP1 association. *Nucleic Acids Research*, **2018**, 46, 7662-7674	20.1	5
34	Quantitative proteomics analysis of BMS-214662 effects on CD34 positive cells from chronic myeloid leukaemia patients. *Proteomics*, **2013**, 13, 153-68	4.8	5
33	Application of the MIDAS approach for analysis of lysine acetylation sites. *Methods in Molecular Biology*, **2013**, 981, 25-36	1.4	5
32	Differential effect of leukaemogenic tyrosine kinases on cell motility is governed by subcellular localisation. *British Journal of Haematology*, **2006**, 133, 345-52	4.5	5
31	Chronic myeloid leukemia CD34+ cells have elevated levels of phosphatidylinositol 3,4,5 trisphosphate (PtdIns(3,4,5)P3) and lack a PtdIns(3,4,5)P3 response to cytokines and chemotactic factors; effects reversed by imatinib. *Leukemia*, **2005**, 19, 1851-3	10.7	5
30	The effect of vinblastine on the glucagon, basal and GTP-stimulated states of the adenylate cyclase from rat liver plasma membranes. *FEBS Letters*, **1980**, 111, 290-4	3.8	5
29	Apoptosis is regulated by the rate of glucose transport in an IL-3-dependent haemopoietic cell line. *Biochemical Society Transactions*, **1994**, 22, 275S	5.1	4
28	MPL W515L expression induces TGF□ secretion and leads to an increase in chemokinesis via phosphorylation of THOC5. *Oncotarget*, **2016**, 7, 10739-55	3.3	4
27	Comprehensive Library Generation for Identification and Quantification of Endometrial Cancer Protein Biomarkers in Cervico-Vaginal Fluid. *Cancers*, **2021**, 13,	6.6	4
26	AXL Inhibition Extinguishes Primitive JAK2 Mutated Myeloproliferative Neoplasm Progenitor Cells. *HemaSphere*, **2019**, 3, e233	0.3	4
25	Role of the C-terminal actin binding domain in BCR/ABL-mediated survival and drug resistance. *British Journal of Haematology*, **2006**, 132, 774-83	4.5	3
24	v-Abl protein-tyrosine kinase up-regulates p21WAF-1 in cell cycle arrested and proliferating myeloid cells. *Journal of Biological Chemistry*, **2001**, 276, 11143-50	5.4	3

23	A consideration of publication-derived immune-related associations in Coronavirus and related lung damaging diseases. *Journal of Translational Medicine*, **2020**, 18, 297	8.5	3
22	Generation of a mouse SWATH-MS spectral library to quantify 10148 proteins involved in cell reprogramming. *Scientific Data*, **2021**, 8, 118	8.2	3
21	Development of approaches for systematic analysis of protein networks in stem cells. *Advances in Enzyme Regulation*, **2010**, 50, 273-84		2
20	Chemotactic peptides but not macrophage colony stimulating factor effect the synthesis of inositol lipids in macrophages. *Growth Factors*, **1991**, 4, 175-81	1.6	2
19	IL-3 stimulated haemopoietic stem cell proliferation: evidence for G protein independent mitogenic signalling events. *Journal of Cellular Physiology*, **1992**, 152, 245-52	7	2
18	Regulation of haemopoietic cell development by growth factors. *Cellular Signalling*, **1990**, 2, 323-8	4.9	2
17	Proteomic Analysis of an Induced Pluripotent Stem Cell Model Reveals Strategies to Treat Juvenile Myelomonocytic Leukemia. *Journal of Proteome Research*, **2020**, 19, 194-203	5.6	2
16	OptiMissP: A dashboard to assess missingness in proteomic data-independent acquisition mass spectrometry. *PLoS ONE*, **2021**, 16, e0249771	3.7	2
15	Models to Study Chronic Myeloid Leukemia Cancer Stem Cells **2014**, 119-131		1
14	Generation of a conditionally immortalized myeloid progenitor cell line requiring the presence of both interleukin-3 and stem cell factor to survive and proliferate. *British Journal of Haematology*, **2003**, 122, 985-95	4.5	1
13	Control of proliferation by myeloid growth factors. *Biochemical Society Transactions*, **1991**, 19, 307-15	5.1	1
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11	PTMProphet: Fast and Accurate Mass Modification Localization for the Trans-Proteomic Pipeline		1
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