

Anthony D Whetton

List of Publications by Year in descending order

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185
papers

7,391
citations

57752

44
h-index

71682

76
g-index

190
all docs

190
docs citations

190
times ranked

10703
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The role of the tumor-microenvironment in lung cancer-metastasis and its relationship to potential therapeutic targets. <i>Cancer Treatment Reviews</i> , 2014, 40, 558-566. | 7.7 | 350 |
| 2 | Systems-level dynamic analyses of fate change in murine embryonic stem cells. <i>Nature</i> , 2009, 462, 358-362. | 27.8 | 277 |
| 3 | Eight-channel iTRAQ Enables Comparison of the Activity of Six Leukemogenic Tyrosine Kinases. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 853-863. | 3.8 | 224 |
| 4 | Simultaneous analysis of relative protein expression levels across multiple samples using iTRAQ isobaric tags with 2D nano LC-MS/MS. <i>Nature Protocols</i> , 2010, 5, 1574-1582. | 12.0 | 221 |
| 5 | Homing and mobilization in the stem cell niche. <i>Trends in Cell Biology</i> , 1999, 9, 233-238. | 7.9 | 218 |
| 6 | Dual targeting of p53 and c-MYC selectively eliminates leukaemic stem cells. <i>Nature</i> , 2016, 534, 341-346. | 27.8 | 204 |
| 7 | Multiple Reaction Monitoring to Identify Sites of Protein Phosphorylation with High Sensitivity. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1134-1144. | 3.8 | 195 |
| 8 | Quantitative proteomics reveals posttranslational control as a regulatory factor in primary hematopoietic stem cells. <i>Blood</i> , 2006, 107, 4687-4694. | 1.4 | 162 |
| 9 | THOC5/FMIP, an mRNA export TREX complex protein, is essential for hematopoietic primitive cell survival in vivo. <i>BMC Biology</i> , 2010, 8, 1. | 3.8 | 161 |
| 10 | Regulation of Embryonic and Induced Pluripotency by Aurora Kinase-p53 Signaling. <i>Cell Stem Cell</i> , 2012, 11, 179-194. | 11.1 | 142 |
| 11 | Molecular histology of lung cancer: From targets to treatments. <i>Cancer Treatment Reviews</i> , 2015, 41, 361-375. | 7.7 | 142 |
| 12 | JAK2/STAT5 inhibition by nilotinib with ruxolitinib contributes to the elimination of CML CD34+ cells in vitro and in vivo. <i>Blood</i> , 2014, 124, 1492-1501. | 1.4 | 134 |
| 13 | The phorbol ester, TPA inhibits glucagon-stimulated adenylate cyclase activity. <i>FEBS Letters</i> , 1984, 170, 38-42. | 2.8 | 126 |
| 14 | The Role of Hemopoietic Growth Factors in Self-Renewal and Differentiation of IL-3-Dependent Multipotential Stem Cells. <i>Growth Factors</i> , 1990, 2, 197-211. | 1.7 | 120 |
| 15 | Is Serum or Plasma More Appropriate for Intersubject Comparisons in Metabolomic Studies? An Assessment in Patients with Small-Cell Lung Cancer. <i>Analytical Chemistry</i> , 2011, 83, 6689-6697. | 6.5 | 119 |
| 16 | Proteomics techniques and their application to hematology. <i>Blood</i> , 2004, 103, 3624-3634. | 1.4 | 103 |
| 17 | Effect of haematopoietic cell growth factor on intracellular ATP levels. <i>Nature</i> , 1983, 303, 629-631. | 27.8 | 101 |
| 18 | Quantitative Proteomic Analysis Using Isobaric Protein Tags Enables Rapid Comparison of Changes in Transcript and Protein Levels in Transformed Cells. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 924-935. | 3.8 | 101 |

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|----|---|------|-----------|
| 19 | A sensitive mass spectrometric method for hypothesis-driven detection of peptide post-translational modifications: multiple reaction monitoring-initiated detection and sequencing (MIDAS). <i>Nature Protocols</i> , 2009, 4, 870-877. | 12.0 | 91 |
| 20 | The Antiproliferative Activity of Kinase Inhibitors in Chronic Myeloid Leukemia Cells Is Mediated by FOXO Transcription Factors. <i>Stem Cells</i> , 2014, 32, 2324-2337. | 3.2 | 83 |
| 21 | Src-Induced Disassembly of Adherens Junctions Requires Localized Phosphorylation and Degradation of the Rac Activator Tiam1. <i>Molecular Cell</i> , 2009, 33, 639-653. | 9.7 | 82 |
| 22 | Chronic myeloid leukaemia: an investigation into the role of Bcr-Abl-induced abnormalities in glucose transport regulation. <i>Oncogene</i> , 2005, 24, 3257-3267. | 5.9 | 80 |
| 23 | Forskolin and ethanol both perturb the structure of liver plasma membranes and activate adenylate cyclase activity. <i>Biochemical Pharmacology</i> , 1983, 32, 1601-1608. | 4.4 | 73 |
| 24 | Quantitative mass spectrometry-based techniques for clinical use: Biomarker identification and quantification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1240-1249. | 2.3 | 73 |
| 25 | Quantitative Proteomics Analysis Demonstrates Post-transcriptional Regulation of Embryonic Stem Cell Differentiation to Hematopoiesis. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 459-472. | 3.8 | 67 |
| 26 | Lysophospholipids synergistically promote primitive hematopoietic cell chemotaxis via a mechanism involving Vav 1. <i>Blood</i> , 2003, 102, 2798-2802. | 1.4 | 64 |
| 27 | Comparative proteomics of primitive hematopoietic cell populations reveals differences in expression of proteins regulating motility. <i>Blood</i> , 2004, 103, 3751-3759. | 1.4 | 63 |
| 28 | A novel mechanism for BCR-ABL action: stimulated secretion of CCN3 is involved in growth and differentiation regulation. <i>Blood</i> , 2006, 108, 1716-1723. | 1.4 | 63 |
| 29 | Proteomics and Informatics for Understanding Phases and Identifying Biomarkers in COVID-19 Disease. <i>Journal of Proteome Research</i> , 2020, 19, 4219-4232. | 3.7 | 63 |
| 30 | 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. <i>Cytometry</i> , 1995, 20, 245-256. | 1.8 | 61 |
| 31 | Interleukin-3-mediated Cell Survival Signals Include Phosphatidylinositol 3-Kinase-dependent Translocation of the Glucose Transporter GLUT1 to the Cell Surface. <i>Journal of Biological Chemistry</i> , 2003, 278, 39337-39348. | 3.4 | 61 |
| 32 | The survival of differentiating embryonic stem cells is dependent on the SCF-KIT pathway. <i>Journal of Cell Science</i> , 2006, 119, 3039-3046. | 2.0 | 61 |
| 33 | The application of quantification techniques in proteomics for biomedical research. <i>Mass Spectrometry Reviews</i> , 2013, 32, 1-26. | 5.4 | 60 |
| 34 | Proteomic Biomarkers for the Detection of Endometrial Cancer. <i>Cancers</i> , 2019, 11, 1572. | 3.7 | 59 |
| 35 | PEDRo: A database for storing, searching and disseminating experimental proteomics data. <i>BMC Genomics</i> , 2004, 5, 68. | 2.8 | 58 |
| 36 | Transforming Growth Factor- β 21 Induces Apoptosis Independently of p53 and Selectively Reduces Expression of Bcl-2 in Multipotent Hematopoietic Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 39137-39145. | 3.4 | 57 |

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|----|--|-----|-----------|
| 37 | Role of cytokines and extracellular matrix in the regulation of haemopoietic stem cells. <i>Current Opinion in Cell Biology</i> , 1998, 10, 721-726. | 5.4 | 55 |
| 38 | Relative quantification in proteomics: new approaches for biochemistry. <i>Trends in Biochemical Sciences</i> , 2006, 31, 473-484. | 7.5 | 54 |
| 39 | Statistical Considerations of Optimal Study Design for Human Plasma Proteomics and Biomarker Discovery. <i>Journal of Proteome Research</i> , 2012, 11, 2103-2113. | 3.7 | 53 |
| 40 | Neuropeptide control of bone marrow neutrophil production is mediated by both direct and indirect effects on CFU-GM. <i>British Journal of Haematology</i> , 2000, 108, 140-150. | 2.5 | 50 |
| 41 | The potential for proteomic definition of stem cell populations. <i>Experimental Hematology</i> , 2003, 31, 1147-1159. | 0.4 | 49 |
| 42 | Glucocorticoid receptor regulates accurate chromosome segregation and is associated with malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5479-5484. | 7.1 | 48 |
| 43 | An Activated Protein Kinase C $\hat{\pm}$ Gives a Differentiation Signal for Hematopoietic Progenitor Cells and Mimicks Macrophage Colony-stimulating Factorâ€™stimulated Signaling Events. <i>Journal of Cell Biology</i> , 1998, 140, 1511-1518. | 5.2 | 47 |
| 44 | A combined biomarker panel shows improved sensitivity for the early detection of ovarian cancer allowing the identification of the most aggressive type II tumours. <i>British Journal of Cancer</i> , 2017, 117, 666-674. | 6.4 | 47 |
| 45 | Erythroid development of the FDCP-Mix A4 multipotent cell line is governed by the relative concentrations of erythropoietin and interleukin 3. <i>British Journal of Haematology</i> , 1995, 91, 15-22. | 2.5 | 46 |
| 46 | Systematic Proteome and Transcriptome Analysis of Stem Cell Populations. <i>Cell Cycle</i> , 2006, 5, 1587-1591. | 2.6 | 45 |
| 47 | Urinary Biomarkers and Their Potential for the Non-Invasive Detection of Endometrial Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 559016. | 2.8 | 45 |
| 48 | v-Abl-mediated Apoptotic Suppression Is Associated with SHC Phosphorylation without Concomitant Mitogen-activated Protein Kinase Activation. <i>Journal of Biological Chemistry</i> , 1995, 270, 5956-5962. | 3.4 | 43 |
| 49 | A Label-free Selected Reaction Monitoring Workflow Identifies a Subset of Pregnancy Specific Glycoproteins as Potential Predictive Markers of Early-onset Pre-eclampsia. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3148-3159. | 3.8 | 41 |
| 50 | Protein Z: A putative novel biomarker for early detection of ovarian cancer. <i>International Journal of Cancer</i> , 2016, 138, 2984-2992. | 5.1 | 41 |
| 51 | Influence of growth factors and substrates on differentiation of haemopoietic stem cells. <i>Current Opinion in Cell Biology</i> , 1993, 5, 1044-1049. | 5.4 | 40 |
| 52 | <i>Drosophila</i> F-BAR protein Syndapin contributes to coupling the plasma membrane and contractile ring in cytokinesis. <i>Open Biology</i> , 2013, 3, 130081. | 3.6 | 40 |
| 53 | Comparative Quantification of the Surfaceome of Human Multipotent Mesenchymal Progenitor Cells. <i>Stem Cell Reports</i> , 2015, 4, 473-488. | 4.8 | 40 |
| 54 | hsa-mir183/EGR1â€™mediated regulation of E2F1 is required for CML stem/progenitor cell survival. <i>Blood</i> , 2018, 131, 1532-1544. | 1.4 | 40 |

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|----|--|------|-----------|
| 55 | Glucose transport regulation by p210 Bcr-Abl in a chronic myeloid leukaemia model. <i>British Journal of Haematology</i> , 2001, 112, 212-215. | 2.5 | 39 |
| 56 | Integrated nuclear proteomics and transcriptomics identifies S100A4 as a therapeutic target in acute myeloid leukemia. <i>Leukemia</i> , 2020, 34, 427-440. | 7.2 | 39 |
| 57 | Thermotropic lipid phase separations in human platelet and rat liver plasma membranes. <i>Journal of Membrane Biology</i> , 1983, 76, 139-149. | 2.1 | 38 |
| 58 | Glucocorticoid receptor isoforms direct distinct mitochondrial programs to regulate ATP production. <i>Scientific Reports</i> , 2016, 6, 26419. | 3.3 | 38 |
| 59 | p210 Bcr-Abl expression in a primitive multipotent haematopoietic cell line models the development of chronic myeloid leukaemia. <i>Oncogene</i> , 1998, 17, 667-672. | 5.9 | 37 |
| 60 | Role of Phosphatidylinositol 3-Kinase and Specific Protein Kinase B Isoforms in the Suppression of Apoptosis Mediated by the Abelson Protein-tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 13142-13148. | 3.4 | 37 |
| 61 | Global Effects of BCR/ABL and TEL/PDGFR ² Expression on the Proteome and Phosphoproteome. <i>Journal of Biological Chemistry</i> , 2005, 280, 6316-6326. | 3.4 | 37 |
| 62 | Guanidination chemistry for qualitative and quantitative proteomics. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3245-3256. | 1.5 | 37 |
| 63 | The J-kinase inhibitors Y-27632 and fasudil act synergistically with imatinib to inhibit the expansion of ex vivo CD34+ CML progenitor cells. <i>Leukemia</i> , 2007, 21, 1708-1714. | 7.2 | 37 |
| 64 | 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. <i>Oncogene</i> , 2004, 23, 6581-6589. | 5.9 | 36 |
| 65 | THOC5 controls 3' end-processing of immediate early genes via interaction with polyadenylation specific factor 100 (CPSF100). <i>Nucleic Acids Research</i> , 2014, 42, 12249-12260. | 14.5 | 36 |
| 66 | 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. <i>Blood</i> , 1999, 94, 1504-1514. | 1.4 | 34 |
| 67 | A hierarchical statistical modeling approach to analyze proteomic isobaric tag for relative and absolute quantitation data. <i>Bioinformatics</i> , 2014, 30, 549-558. | 4.1 | 34 |
| 68 | Novel manifestations of immune dysregulation and granule defects in gray platelet syndrome. <i>Blood</i> , 2020, 136, 1956-1967. | 1.4 | 34 |
| 69 | FMIP controls the adipocyte lineage commitment of C2C12 cells by downmodulation of C/EBPalpha. <i>Oncogene</i> , 2007, 26, 1020-1027. | 5.9 | 33 |
| 70 | The use of isobaric tag peptide labeling (iTRAQ) and mass spectrometry to examine rare, primitive hematopoietic cells from patients with chronic myeloid leukemia. <i>Molecular Biotechnology</i> , 2007, 36, 81-89. | 2.4 | 33 |
| 71 | Liquid Chromatography-Mass Spectrometry Calibration Transfer and Metabolomics Data Fusion. <i>Analytical Chemistry</i> , 2012, 84, 9848-9857. | 6.5 | 33 |
| 72 | Proteomic Analysis of Chronic Lymphocytic Leukemia Subtypes with Mutated or Unmutated Ig VH Genes. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 1331-1341. | 3.8 | 32 |

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|----|--|-----|-----------|
| 73 | A proof-of-principle gel-free proteomics strategy for the identification of predictive biomarkers for the onset of pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 1473-1480. | 2.3 | 32 |
| 74 | Transcriptional regulation of immediate-early gene response by THOC5, a member of mRNA export complex, contributes to the M-CSF-induced macrophage differentiation. <i>Cell Death and Disease</i> , 2013, 4, e879-e879. | 6.3 | 32 |
| 75 | The Methyltransferase WBSR22/Merm1 Enhances Glucocorticoid Receptor Function and Is Regulated in Lung Inflammation and Cancer. <i>Journal of Biological Chemistry</i> , 2014, 289, 8931-8946. | 3.4 | 32 |
| 76 | Diagnosis of epithelial ovarian cancer using a combined protein biomarker panel. <i>British Journal of Cancer</i> , 2019, 121, 483-489. | 6.4 | 32 |
| 77 | Metabolomic Biomarkers for Detection, Prognosis and Identifying Recurrence in Endometrial Cancer. <i>Metabolites</i> , 2020, 10, 314. | 2.9 | 32 |
| 78 | Flt3 ligand can promote survival and macrophage development without proliferation in myeloid progenitor cells. <i>Experimental Hematology</i> , 1999, 27, 663-672. | 0.4 | 31 |
| 79 | Bcr-Abl protein tyrosine kinase activity induces a loss of p53 protein that mediates a delay in myeloid differentiation. <i>Oncogene</i> , 2000, 19, 5487-5497. | 5.9 | 31 |
| 80 | Proteomic analyses of intermediate filaments reveals cytokeratin8 is highly acetylated – implications for colorectal epithelial homeostasis. <i>Proteomics</i> , 2008, 8, 279-288. | 2.2 | 31 |
| 81 | Transglutaminase 2 expression in acute myeloid leukemia: Association with adhesion molecule expression and leukemic blast motility. <i>Proteomics</i> , 2013, 13, 2216-2224. | 2.2 | 31 |
| 82 | Haemopoietic growth factors. <i>Trends in Biochemical Sciences</i> , 1986, 11, 207-211. | 7.5 | 29 |
| 83 | The application of a hypothesis-driven strategy to the sensitive detection and location of acetylated lysine residues. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1423-1428. | 2.8 | 29 |
| 84 | 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. <i>Cell Death and Disease</i> , 2013, 4, e613-e613. | 6.3 | 29 |
| 85 | BCR-ABL Affects STAT5A and STAT5B Differentially. <i>PLoS ONE</i> , 2014, 9, e97243. | 2.5 | 29 |
| 86 | Oncogenic MYC amplifies mitotic perturbations. <i>Open Biology</i> , 2019, 9, 190136. | 3.6 | 29 |
| 87 | The use of missing values in proteomic data-independent acquisition mass spectrometry to enable disease activity discrimination. <i>Bioinformatics</i> , 2020, 36, 2217-2223. | 4.1 | 29 |
| 88 | Changes in the Proteome Associated with the Action of Bcr-Abl Tyrosine Kinase Are Not Related to Transcriptional Regulation. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 876-884. | 3.8 | 28 |
| 89 | Amplification and translocation of 3q26 with overexpression of EVI1 in Fanconi anemia-derived childhood acute myeloid leukemia with biallelic FANCD1/BRCA2 disruption. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 359-372. | 2.8 | 28 |
| 90 | Genome-Wide Analysis of Transcriptional Reprogramming in Mouse Models of Acute Myeloid Leukaemia. <i>PLoS ONE</i> , 2011, 6, e16330. | 2.5 | 27 |

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|-----|--|------|-----------|
| 91 | Perturbations of liver plasma membranes induced by Ca ²⁺ are detected using a fatty acid spin label and adenylate cyclase as membrane probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 729, 104-114. | 2.6 | 25 |
| 92 | Discovery and Validation of Predictive Biomarkers of Survival for Non-small Cell Lung Cancer Patients Undergoing Radical Radiotherapy: Two Proteins With Predictive Value. <i>EBioMedicine</i> , 2015, 2, 841-850. | 6.1 | 24 |
| 93 | Identification of primary structural features that define the differential actions of IL-3 and GM-CSF receptors. <i>Blood</i> , 2002, 100, 3164-3174. | 1.4 | 23 |
| 94 | Developmental Fate Determination and Marker Discovery in Hematopoietic Stem Cell Biology Using Proteomic Fingerprinting. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 573-581. | 3.8 | 23 |
| 95 | A pathway from leukemogenic oncogenes and stem cell chemokines to RNA processing via THOC5. <i>Leukemia</i> , 2013, 27, 932-940. | 7.2 | 23 |
| 96 | 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. <i>Growth Factors</i> , 1991, 5, 87-98. | 1.7 | 22 |
| 97 | Identification of a Biomarker Panel for Early Detection of Lung Cancer Patients. <i>Journal of Proteome Research</i> , 2019, 18, 3369-3382. | 3.7 | 22 |
| 98 | BCR-ABL alters the proliferation and differentiation response of multipotent hematopoietic cells to stem cell factor. <i>Oncogene</i> , 2002, 21, 3068-3075. | 5.9 | 21 |
| 99 | Fanconi anemia (FA) associated 3q gains in leukemic transformation consistently target EVI1, but do not affect low TERC expression in FA. <i>Blood</i> , 2011, 117, 6047-6050. | 1.4 | 21 |
| 100 | Heterozygote FANCD2 mutations associated with childhood T Cell ALL and testicular seminoma. <i>Familial Cancer</i> , 2012, 11, 661-665. | 1.9 | 21 |
| 101 | Antibody-based detection of protein phosphorylation status to track the efficacy of novel therapies using nanogram protein quantities from stem cells and cell lines. <i>Nature Protocols</i> , 2015, 10, 149-168. | 12.0 | 21 |
| 102 | 5'-Nucleotidase is activated upon cholesterol-depletion of liver plasma membranes. <i>FEBS Letters</i> , 1983, 157, 70-74. | 2.8 | 20 |
| 103 | How Will Haematologists Use Proteomics?. <i>Blood Reviews</i> , 2007, 21, 315-326. | 5.7 | 19 |
| 104 | The local anaesthetic and bilayer fluidising agent, benzyl alcohol decreases the thermostability of the integral membrane protein adenylate cyclase. <i>FEBS Letters</i> , 1982, 140, 85-88. | 2.8 | 18 |
| 105 | THOC5 couples M-CSF receptor signaling to transcription factor expression. <i>Cellular Signalling</i> , 2009, 21, 309-316. | 3.6 | 18 |
| 106 | A Specific PTPRC/CD45 Phosphorylation Event Governed by Stem Cell Chemokine CXCL12 Regulates Primitive Hematopoietic Cell Motility. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3319-3329. | 3.8 | 18 |
| 107 | THOC5 spliceosome protein: a target for leukaemogenic tyrosine kinases that affects inositol lipid turnover. <i>British Journal of Haematology</i> , 2008, 141, 641-650. | 2.5 | 17 |
| 108 | The Time Is Right: Proteome Biology of Stem Cells. <i>Cell Stem Cell</i> , 2008, 2, 215-217. | 11.1 | 17 |

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|-----|---|-----|-----------|
| 109 | Assessment of downstream effectors of BCR/ABL protein tyrosine kinase using combined proteomic approaches. <i>Proteomics</i> , 2010, 10, 3321-3342. | 2.2 | 17 |
| 110 | A Gel-Free Quantitative Proteomics Analysis of Factors Released From Hypoxic-Conditioned Placentae. <i>Reproductive Sciences</i> , 2010, 17, 247-257. | 2.5 | 17 |
| 111 | An ataxia-telangiectasia-mutated (ATM) kinase mediated response to DNA damage down-regulates the mRNA-binding potential of THOC5. <i>Rna</i> , 2011, 17, 1957-1966. | 3.5 | 17 |
| 112 | ERK and AKT phosphorylation status in lung cancer and emphysema using nanocapillary isoelectric focusing. <i>BMJ Open Respiratory Research</i> , 2016, 3, e000114. | 3.0 | 17 |
| 113 | Data Independent Acquisition Mass Spectrometry Can Identify Circulating Proteins That Predict Future Weight Loss with a Diet and Exercise Programme. <i>Journal of Clinical Medicine</i> , 2019, 8, 141. | 2.4 | 17 |
| 114 | Metabolomic Biomarkers for the Detection of Obesity-Driven Endometrial Cancer. <i>Cancers</i> , 2021, 13, 718. | 3.7 | 17 |
| 115 | The thermodependence of the activity of integral enzymes in liver plasma membranes. <i>FEBS Letters</i> , 1982, 143, 147-152. | 2.8 | 16 |
| 116 | The lipid fluidity of rat liver membrane subfractions. <i>Biochemical Journal</i> , 1983, 214, 851-854. | 3.7 | 16 |
| 117 | Protein kinase C delta is phosphorylated on five novel Ser/Thr sites following inducible overexpression in human colorectal cancer cells. <i>Protein Science</i> , 2007, 16, 2711-2715. | 7.6 | 16 |
| 118 | Nuclear localization of the pre-mRNA associating protein THOC7 depends upon its direct interaction with Fms tyrosine kinase interacting protein (FMIP). <i>FEBS Letters</i> , 2009, 583, 13-18. | 2.8 | 16 |
| 119 | Pride and prejudice – What can we learn from peer review?. <i>Medical Teacher</i> , 2020, 42, 1012-1018. | 1.8 | 16 |
| 120 | Adenosine triphosphate can maintain multipotent haemopoietic stem cells in the absence of interleukin 3 via a membrane permeabilization mechanism. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 1173-1178. | 2.1 | 15 |
| 121 | The effect of the chemokine rhMIP-1 α , and a non-aggregating variant BB-10010, on blast cells from patients with acute myeloid leukaemia. <i>British Journal of Haematology</i> , 1996, 95, 77-84. | 2.5 | 15 |
| 122 | The Effect of Bcr-Abl Protein Tyrosine Kinase on Maturation and Proliferation of Primitive Haematopoietic Cells. <i>Molecular Medicine</i> , 2000, 6, 892-902. | 4.4 | 15 |
| 123 | Quantitative proteomic analysis reveals maturation as a mechanism underlying glucocorticoid resistance in B lineage ALL and re-sensitization by JNK inhibition. <i>British Journal of Haematology</i> , 2015, 171, 595-605. | 2.5 | 15 |
| 124 | Acquired cross-linker resistance associated with a novel spliced BRCA2 protein variant for molecular phenotyping of BRCA2 disruption. <i>Cell Death and Disease</i> , 2017, 8, e2875-e2875. | 6.3 | 15 |
| 125 | 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. <i>Leukemia Research</i> , 1996, 20, 391-395. | 0.8 | 14 |
| 126 | Ribosome-associated nucleophosmin 1: increased expression and shuttling activity distinguishes prognostic subtypes in chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2010, 148, 534-543. | 2.5 | 14 |

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|-----|---|------|-----------|
| 127 | Phosphorylation of the Leukemic Oncoprotein EVI1 on Serine 196 Modulates DNA Binding, Transcriptional Repression and Transforming Ability. PLoS ONE, 2013, 8, e66510. | 2.5 | 14 |
| 128 | Proteome biology of stem cells. Stem Cell Research, 2007, 1, 7-8. | 0.7 | 13 |
| 129 | The requirement for proteomics to unravel stem cell regulatory mechanisms. Journal of Cellular Physiology, 2011, 226, 2478-2483. | 4.1 | 13 |
| 130 | Identification of Nuclear Protein Targets for Six Leukemogenic Tyrosine Kinases Governed by Post-Translational Regulation. PLoS ONE, 2012, 7, e38928. | 2.5 | 13 |
| 131 | Novel risk models for early detection and screening of ovarian cancer. Oncotarget, 2017, 8, 785-797. | 1.8 | 13 |
| 132 | The biology and clinical potential of growth factors that regulate myeloid cell production. Trends in Pharmacological Sciences, 1990, 11, 285-289. | 8.7 | 12 |
| 133 | Macrophage Inflammatory Protein-1 α Mediated Growth Inhibition in a Haemopoietic Stem Cell Line is Associated with Inositol 1,4,5 Trisphosphate Generation. Growth Factors, 1995, 12, 165-172. | 1.7 | 12 |
| 134 | Bcr-Abl-mediated molecular mechanism for apoptotic suppression in multipotent haemopoietic cells: a role for PKC δ . Cellular Signalling, 2004, 16, 145-156. | 3.6 | 12 |
| 135 | Proteome Biology of Stem Cells. Molecular and Cellular Proteomics, 2008, 7, 204-205. | 3.8 | 12 |
| 136 | The specific enhancement of interferon alpha induced growth inhibition by BCR/ABL only occurs in multipotent cells. The Hematology Journal, 2001, 2, 257-264. | 1.4 | 12 |
| 137 | The role of growth factors in haemopoiesis. BioEssays, 1985, 2, 154-158. | 2.5 | 11 |
| 138 | Molecular pathogenesis of chronic myeloid leukaemia. Expert Reviews in Molecular Medicine, 2003, 5, 1-27. | 3.9 | 11 |
| 139 | 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. | 2.2 | 11 |
| 140 | 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. | 14.5 | 11 |
| 141 | An Assessment of Peptide Enrichment Methods Employing mTRAQ Quantification Approaches. Analytical Chemistry, 2012, 84, 5604-5610. | 6.5 | 10 |
| 142 | Development of a selected reaction monitoring mass spectrometry-based assay to detect asparaginyl endopeptidase activity in biological fluids. Oncotarget, 2016, 7, 70822-70831. | 1.8 | 10 |
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