

# Michael Henry

## 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.

110 papers	2,506 citations	28 h-index	44 g-index
112 ext. papers	2,880 ext. citations	4.6 avg, IF	4.73 L-index

#	Paper	IF	Citations
110	El Antitrypsin regulates human neutrophil chemotaxis induced by soluble immune complexes and IL-8. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 4236-50	15.9	191
109	A neutrophil intrinsic impairment affecting Rab27a and degranulation in cystic fibrosis is corrected by CFTR potentiator therapy. <i>Blood</i> , <b>2014</b> , 124, 999-1009	2.2	105
108	MiRNA-29a regulates the expression of numerous proteins and reduces the invasiveness and proliferation of human carcinoma cell lines. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 3104-18	7.5	99
107	Analysis of the saliva proteome from patients with head and neck squamous cell carcinoma reveals differences in abundance levels of proteins associated with tumour progression and metastasis. <i>Journal of Proteomics</i> , <b>2008</b> , 71, 168-75	3.9	93
106	Integrated miRNA, mRNA and protein expression analysis reveals the role of post-transcriptional regulation in controlling CHO cell growth rate. <i>BMC Genomics</i> , <b>2012</b> , 13, 656	4.5	68
105	Proteomic analysis of isolated membrane fractions from superinvasive cancer cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2007</b> , 1774, 93-101	4	67
104	2-D difference gel electrophoresis of the lung squamous cell carcinoma versus normal sera demonstrates consistent alterations in the levels of ten specific proteins. <i>Electrophoresis</i> , <b>2007</b> , 28, 4302-10	3.6	65
103	Microarray and proteomics expression profiling identifies several candidates, including the valosin-containing protein (VCP), involved in regulating high cellular growth rate in production CHO cell lines. <i>Biotechnology and Bioengineering</i> , <b>2010</b> , 106, 42-56	4.9	60
102	2-D DIGE analysis of the mitochondrial proteome from human skeletal muscle reveals time course-dependent remodelling in response to 14 consecutive days of endurance exercise training. <i>Proteomics</i> , <b>2011</b> , 11, 1413-28	4.8	56
101	Protein and chemotherapy profiling of extracellular vesicles harvested from therapeutic induced senescent triple negative breast cancer cells. <i>Oncogenesis</i> , <b>2017</b> , 6, e388	6.6	54
100	Identification of pancreatic cancer invasion-related proteins by proteomic analysis. <i>Proteome Science</i> , <b>2009</b> , 7, 3	2.6	54
99	Differential protein expression following low temperature culture of suspension CHO-K1 cells. <i>BMC Biotechnology</i> , <b>2008</b> , 8, 42	3.5	54
98	Sustained productivity in recombinant Chinese hamster ovary (CHO) cell lines: proteome analysis of the molecular basis for a process-related phenotype. <i>BMC Biotechnology</i> , <b>2011</b> , 11, 78	3.5	53
97	Impact of miR-7 over-expression on the proteome of Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , <b>2012</b> , 160, 251-62	3.7	51
96	Identification of the metabolic alterations associated with the multidrug resistant phenotype in cancer and their intercellular transfer mediated by extracellular vesicles. <i>Scientific Reports</i> , <b>2017</b> , 7, 44541	4.9	47
95	Proteomic screening of glucose-responsive and glucose non-responsive MIN-6 beta cells reveals differential expression of proteins involved in protein folding, secretion and oxidative stress. <i>Proteomics</i> , <b>2006</b> , 6, 6578-87	4.8	46
94	Proteomic analysis of multidrug-resistance mechanisms in adriamycin-resistant variants of DLKP, a squamous lung cancer cell line. <i>Proteomics</i> , <b>2009</b> , 9, 1556-66	4.8	45

93	Differential expression of fourteen proteins between uveal melanoma from patients who subsequently developed distant metastases versus those who did Not <b>2012</b> , 53, 4634-43		43
92	Proteomic profiling of CHO cells with enhanced rhBMP-2 productivity following co-expression of PACEsol. <i>Proteomics</i> , <b>2008</b> , 8, 2611-24	4.8	43
91	Utilization and evaluation of CHO-specific sequence databases for mass spectrometry based proteomics. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 1386-94	4.9	42
90	Multidrug resistant tumour cells shed more microvesicle-like EVs and less exosomes than their drug-sensitive counterpart cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2016</b> , 1860, 618-27	4	38
89	Label-free mass spectrometric analysis of the mdx-4cv diaphragm identifies the matricellular protein periostin as a potential factor involved in dystrophinopathy-related fibrosis. <i>Proteomics</i> , <b>2015</b> , 15, 2318-31	4.8	37
88	Re-programming CHO cell metabolism using miR-23 tips the balance towards a highly productive phenotype. <i>Biotechnology Journal</i> , <b>2015</b> , 10, 1029-40	5.6	37
87	Proteomic profiling of cardiomyopathic tissue from the aged mdx model of Duchenne muscular dystrophy reveals a drastic decrease in laminin, nidogen and annexin. <i>Proteomics</i> , <b>2013</b> , 13, 2312-23	4.8	37
86	Proteomic analysis of dystrophin deficiency and associated changes in the aged mdx-4cv heart model of dystrophinopathy-related cardiomyopathy. <i>Journal of Proteomics</i> , <b>2016</b> , 145, 24-36	3.9	34
85	PP2A inhibition overcomes acquired resistance to HER2 targeted therapy. <i>Molecular Cancer</i> , <b>2014</b> , 13, 157	42.1	34
84	Comparative Label-Free Mass Spectrometric Analysis of Mildly versus Severely Affected mdx Mouse Skeletal Muscles Identifies Annexin, Lamin, and Vimentin as Universal Dystrophic Markers. <i>Molecules</i> , <b>2015</b> , 20, 11317-44	4.8	32
83	Proteomic analysis of the sarcolemma-enriched fraction from dystrophic mdx-4cv skeletal muscle. <i>Journal of Proteomics</i> , <b>2019</b> , 191, 212-227	3.9	28
82	Simultaneous Pathoproteomic Evaluation of the Dystrophin-Glycoprotein Complex and Secondary Changes in the mdx-4cv Mouse Model of Duchenne Muscular Dystrophy. <i>Biology</i> , <b>2015</b> , 4, 397-423	4.9	27
81	Proteomic profiling of mdx-4cv serum reveals highly elevated levels of the inflammation-induced plasma marker haptoglobin in muscular dystrophy. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 39, 1357-1370	4.4	26
80	Elevated levels of 14-3-3 proteins, serotonin, gamma enolase and pyruvate kinase identified in clinical samples from patients diagnosed with colorectal cancer. <i>Clinica Chimica Acta</i> , <b>2015</b> , 441, 133-41	6.2	26
79	Glycosylation Repurposes Alpha-1 Antitrypsin for Resolution of Community-acquired Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1346-1349	10.2	26
78	Identification and functional validation of RAD23B as a potential protein in human breast cancer progression. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3212-22	5.6	25
77	Concurrent Label-Free Mass Spectrometric Analysis of Dystrophin Isoform Dp427 and the Myofibrosis Marker Collagen in Crude Extracts from Skeletal Muscles. <i>Proteomes</i> , <b>2015</b> , 3, 298-327	4.6	25
76	Abnormal levels of heterogeneous nuclear ribonucleoprotein A2B1 (hnRNPA2B1) in tumour tissue and blood samples from patients diagnosed with lung cancer. <i>Molecular BioSystems</i> , <b>2015</b> , 11, 743-52		24

75	Proteomic profiling of the dystrophin complex and membrane fraction from dystrophic mdx muscle reveals decreases in the cytolinker desmoglein and increases in the extracellular matrix stabilizers biglycan and fibronectin. <i>Journal of Muscle Research and Cell Motility</i> , <b>2017</b> , 38, 251-268	3.5	24
74	Process-relevant concentrations of the leachable bDtbPP impact negatively on CHO cell production characteristics. <i>Biotechnology Progress</i> , <b>2016</b> , 32, 1547-1558	2.8	24
73	Proteomic differences in recombinant CHO cells producing two similar antibody fragments. <i>Biotechnology and Bioengineering</i> , <b>2016</b> , 113, 1902-12	4.9	22
72	Glycosylation patterns of kidney proteins differ in rat diabetic nephropathy. <i>Kidney International</i> , <b>2015</b> , 87, 963-74	9.9	21
71	Proteomic investigation of taxol and taxotere resistance and invasiveness in a squamous lung carcinoma cell line. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2008</b> , 1784, 1184-91	4	21
70	Increased outer arm and core fucose residues on the N-glycans of mutated alpha-1 antitrypsin protein from alpha-1 antitrypsin deficient individuals. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 596-605	5.6	20
69	Recruitment of host translation initiation factor eIF4G by the Vaccinia Virus ssDNA-binding protein I3. <i>Virology</i> , <b>2012</b> , 425, 11-22	3.6	20
68	Neutrophil Membrane Cholesterol Content is a Key Factor in Cystic Fibrosis Lung Disease. <i>EBioMedicine</i> , <b>2017</b> , 23, 173-184	8.8	20
67	Residual urinary extracellular vesicles in ultracentrifugation supernatants after hydrostatic filtration dialysis enrichment. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1267896	16.4	20
66	The iron-responsive microsomal proteome of <i>Aspergillus fumigatus</i> . <i>Journal of Proteomics</i> , <b>2016</b> , 136, 99-111	3.9	19
65	Activation of complement component 3 is associated with airways disease and pulmonary emphysema in alpha-1 antitrypsin deficiency. <i>Thorax</i> , <b>2020</b> , 75, 321-330	7.3	19
64	Label-free mass spectrometric analysis reveals complex changes in the brain proteome from the mdx-4cv mouse model of Duchenne muscular dystrophy. <i>Clinical Proteomics</i> , <b>2015</b> , 12, 27	5	18
63	Filter-Aided Sample Preparation (FASP) for Improved Proteome Analysis of Recombinant Chinese Hamster Ovary Cells. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1603, 187-194	1.4	17
62	Proteomic profiling of the mouse diaphragm and refined mass spectrometric analysis of the dystrophic phenotype. <i>Journal of Muscle Research and Cell Motility</i> , <b>2019</b> , 40, 9-28	3.5	17
61	Label-free LC-MS analysis of HER2+ breast cancer cell line response to HER2 inhibitor treatment. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 23, 40	3.9	16
60	The Expression Pattern of the Phosphoproteome Is Significantly Changed During the Growth Phases of Recombinant CHO Cell Culture. <i>Biotechnology Journal</i> , <b>2018</b> , 13, e1700221	5.6	15
59	Transferrin-bound proteins as potential biomarkers for advanced breast cancer patients. <i>BBA Clinical</i> , <b>2014</b> , 2, 24-30		15
58	Recent advances in clinical proteomics using mass spectrometry. <i>Bioanalysis</i> , <b>2010</b> , 2, 1609-15	2.1	15

57	2D-DIGE analysis of phospho-enriched fractions from dasatinib-treated melanoma cell lines. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 490-501	3.9	15
56	Aldehyde dehydrogenase 1A1 and gelsolin identified as novel invasion-modulating factors in conditioned medium of pancreatic cancer cells. <i>Journal of Proteomics</i> , <b>2008</b> , 71, 561-71	3.9	15
55	A Comparative Quantitative LC-MS/MS Profiling Analysis of Human Pancreatic Adenocarcinoma, Adjacent-Normal Tissue, and Patient-Derived Tumour Xenografts. <i>Proteomes</i> , <b>2018</b> , 6,	4.6	15
54	Proteomic profiling of liver tissue from the - mouse model of Duchenne muscular dystrophy. <i>Clinical Proteomics</i> , <b>2018</b> , 15, 34	5	15
53	Differential Phosphoproteomic Analysis of Recombinant Chinese Hamster Ovary Cells Following Temperature Shift. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 2339-2358	5.6	14
52	Circulating Truncated Alpha-1 Antitrypsin Glycoprotein in Patient Plasma Retains Anti-Inflammatory Capacity. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2240-2253	5.3	14
51	Metabolomic and proteomic analysis of breast cancer patient samples suggests that glutamate and 12-HETE in combination with CA15-3 may be useful biomarkers reflecting tumour burden. <i>Metabolomics</i> , <b>2015</b> , 11, 620-635	4.7	14
50	The use of LC-MS to identify differentially expressed proteins in docetaxel-resistant prostate cancer cell lines. <i>Proteomics</i> , <b>2012</b> , 12, 2115-26	4.8	13
49	Proteogenomic Annotation of Chinese Hamsters Reveals Extensive Novel Translation Events and Endogenous Retroviral Elements. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 2433-2445	5.6	12
48	A novel inhibitory anti-invasive MAb isolated using phenotypic screening highlights AnxA6 as a functionally relevant target protein in pancreatic cancer. <i>British Journal of Cancer</i> , <b>2017</b> , 117, 1326-1335	8.7	12
47	Novel panel of protein biomarkers to predict response to bortezomib-containing induction regimens in multiple myeloma patients. <i>BBA Clinical</i> , <b>2017</b> , 8, 28-34		12
46	A novel neutrophil derived inflammatory biomarker of pulmonary exacerbation in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2012</b> , 11, 100-7	4.1	12
45	Parallel mRNA, proteomics and miRNA expression analysis in cell line models of the intestine. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 7369-7386	5.6	12
44	Proteomic analysis of conditioned media from glucose responsive and glucose non-responsive phenotypes reveals a panel of secreted proteins associated with beta cell dysfunction. <i>Electrophoresis</i> , <b>2008</b> , 29, 4141-9	3.6	11
43	Proteomic and cell biological profiling of the renal phenotype of the mdx-4cv mouse model of Duchenne muscular dystrophy. <i>European Journal of Cell Biology</i> , <b>2020</b> , 99, 151059	6.1	11
42	Purification and Identification of Membrane Proteins from Urinary Extracellular Vesicles using Triton X-114 Phase Partitioning. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 86-96	5.6	10
41	7B7: a novel antibody directed against the Ku70/Ku80 heterodimer blocks invasion in pancreatic and lung cancer cells. <i>Tumor Biology</i> , <b>2014</b> , 35, 6983-97	2.9	10
40	Proteome-wide Changes in the mdx-4cv Spleen due to Pathophysiological Cross Talk with Dystrophin-Deficient Skeletal Muscle. <i>IScience</i> , <b>2020</b> , 23, 101500	6.1	10

39	Increased growth rate and productivity following stable depletion of miR-7 in a mAb producing CHO cell line causes an increase in proteins associated with the Akt pathway and ribosome biogenesis. <i>Journal of Proteomics</i> , <b>2019</b> , 195, 23-32	3.9	9
38	Intricate effects of primary motor neuronopathy on contractile proteins and metabolic muscle enzymes as revealed by label-free mass spectrometry. <i>Bioscience Reports</i> , <b>2014</b> , 34,	4.1	9
37	Bleomycin treatment of A549 human lung cancer cells results in association of MGr1-Ag and caveolin-1 in lipid rafts. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 98-105	5.6	9
36	Protocol for the Bottom-Up Proteomic Analysis of Mouse Spleen. <i>STAR Protocols</i> , <b>2020</b> , 1, 100196	1.4	9
35	Quantitative label-free mass spectrometry analysis of formalin-fixed, paraffin-embedded tissue representing the invasive cutaneous malignant melanoma proteome. <i>Oncology Letters</i> , <b>2016</b> , 12, 3296-3304	3.6	9
34	Depletion of endogenous miRNA-378-3p increases peak cell density of CHO DP12 cells and is correlated with elevated levels of ubiquitin carboxyl-terminal hydrolase 14. <i>Journal of Biotechnology</i> , <b>2018</b> , 288, 30-40	3.7	9
33	Proteomic strategies in the search for novel pancreatic cancer biomarkers and drug targets: recent advances and clinical impact. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 383-94	4.2	7
32	Data supporting the shedding of larger extracellular vesicles by multidrug resistant tumour cells. <i>Data in Brief</i> , <b>2016</b> , 6, 1023-7	1.2	7
31	Antitrypsin therapy modulates the neutrophil membrane proteome and secretome. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	7
30	Transcriptomic analysis of IgG4 Fc-fusion protein degradation in a panel of clonally-derived CHO cell lines using RNASeq. <i>Biotechnology and Bioengineering</i> , <b>2019</b> , 116, 1556-1562	4.9	6
29	Clonal variation in productivity and proteolytic clipping of an Fc-fusion protein in CHO cells: Proteomic analysis suggests a role for defective protein folding and the UPR. <i>Journal of Biotechnology</i> , <b>2018</b> , 281, 21-30	3.7	6
28	Improvements in single-use bioreactor film material composition leads to robust and reliable Chinese hamster ovary cell performance. <i>Biotechnology Progress</i> , <b>2019</b> , 35, e2824	2.8	5
27	Increased mAb production in amplified CHO cell lines is associated with increased interaction of CREB1 with transgene promoter. <i>Current Research in Biotechnology</i> , <b>2019</b> , 1, 49-57	4.8	4
26	LC-MS/MS-based quantitative proteomic and phosphoproteomic analysis of CHO-K1 cells adapted to growth in glutamine-free media. <i>Biotechnology Letters</i> , <b>2020</b> , 42, 2523-2536	3	4
25	Subproteomic profiling of sarcolemma from dystrophic skeletal muscle. <i>Data in Brief</i> , <b>2018</b> , 17, 980-993	1.2	4
24	Neonicotinoid residues in honey from urban and rural environments. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 28179-28190	5.1	4
23	Acute exposure to organic and inorganic sources of copper: Differential response in intestinal cell lines. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 2499-2514	3.2	4
22	Utilization of dried and long-term stored polyacrylamide gels for the advanced proteomic profiling of mitochondrial contact sites from rat liver. <i>Biology Methods and Protocols</i> , <b>2018</b> , 3, bpy008	2.4	4



21	Phosphopeptide Enrichment and LC-MS/MS Analysis to Study the Phosphoproteome of Recombinant Chinese Hamster Ovary Cells. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1603, 195-208	1.4	3
20	Proteomic analysis of pancreatic ductal adenocarcinoma. <i>Expert Review of Proteomics</i> , <b>2020</b> , 17, 453-467	4.2	3
19	Mass Spectrometric Profiling of Extraocular Muscle and Proteomic Adaptations in the Model of Duchenne Muscular Dystrophy. <i>Life</i> , <b>2021</b> , 11,	3	3
18	A proteomic profiling dataset of recombinant Chinese hamster ovary cells showing enhanced cellular growth following miR-378 depletion. <i>Data in Brief</i> , <b>2018</b> , 21, 2679-2688	1.2	3
17	Clinical Proteomics: Liquid Chromatography-Mass Spectrometry (LC-MS) Purification Systems. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1485, 375-388	1.4	2
16	Proteomic Analysis of Cell Lines and Primary Tumors in Pancreatic Cancer Identifies Proteins Expressed Only In Vitro and Only In Vivo. <i>Pancreas</i> , <b>2020</b> , 49, 1109-1116	2.6	2
15	Copper toxicity of inflection point in human intestinal cell line Caco-2 dissected: influence of temporal expression patterns. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2021</b> , 57, 359-371	2.6	2
14	Proteomic profiling of the interface between the stomach wall and the pancreas in dystrophinopathy. <i>European Journal of Translational Myology</i> , <b>2021</b> , 31,	2.1	2
13	Global phosphoproteomic study of high/low specific productivity industrially relevant mAb producing recombinant CHO cell lines. <i>Current Research in Biotechnology</i> , <b>2021</b> , 3, 49-56	4.8	2
12	Dataset on the mass spectrometry-based proteomic profiling of the kidney from wild type and the dystrophic mouse model of X-linked muscular dystrophy. <i>Data in Brief</i> , <b>2020</b> , 28, 105067	1.2	1
11	Characterisation and proteomic profiling of continuously exposed Cu-resistant variants of the Caco-2 cell line. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104773	3.6	1
10	Target Prediction Algorithms and Bioinformatics Resources for miRNA Studies	<b>2012</b> , 29-48	1
9	Differential expression of miRNAs and functional role of mir-200a in high and low productivity CHO cells expressing an Fc fusion protein. <i>Biotechnology Letters</i> , <b>2021</b> , 43, 1551-1563	3	1
8	Mapping the molecular basis for growth related phenotypes in industrial producer CHO cell lines using differential proteomic analysis. <i>BMC Biotechnology</i> , <b>2021</b> , 21, 43	3.5	1
7	and modulation of NADPH oxidase activity and reactive oxygen species production in human neutrophils by Bantitrypsin. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	1
6	LC-MS proteomic profiling of Caco-2 human intestinal cells exposed to the copper-chelating agent, triethylenetetramine: A preliminary study. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 524, 847-852	3.4	
5	Clinical proteomics: liquid chromatography-mass spectrometry purification systems. <i>Methods in Molecular Biology</i> , <b>2011</b> , 681, 473-83	1.4	
4	Characterisation of the Tumour Proteome in Primary Extramedullary Multiple Myeloma Identifies Key Proteins Associated with Transendothelial Migration. <i>Blood</i> , <b>2021</b> , 138, 2665-2665	2.2	

- 3 Phosphoproteomic Analysis of Primary Myeloma Patient Samples Identifies Distinct Phosphorylation Signatures Correlating with Chemo-Sensitivity Profiles in an Ex Vivo Drug Sensitivity Testing Platform. *Blood*, **2021**, 138, 2666-2666 2.2
- 2 Proteomic Profiling of Temperature-Shifted CHO Cells to Identify Genes that Impact on Both Cell Growth and Recombinant Protein Productivity in Suspension Culture **2012**, 95-107
- 1 Proteomic Characterization of An Isogenic Multiple Myeloma Cell Line Model of Bortezomib Resistance. *Blood*, **2011**, 118, 1820-1820 2.2