

Martin Clynes

List of Publications by Year in Descending Order

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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.

151
papers

4,407
citations

42
h-index

60
g-index

153
ext. papers

4,979
ext. citations

4.9
avg, IF

5.19
L-index

#	Paper	IF	Citations
151	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> , 2021 , 43, 1551-1563	3	1
150	Transfection of miR-31* boosts oxidative phosphorylation metabolism in the mitochondria and enhances recombinant protein production in Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , 2021 , 333, 86-96	3.7	3
149	The emerging role of cellular post-translational modifications in modulating growth and productivity of recombinant Chinese hamster ovary cells. <i>Biotechnology Advances</i> , 2021 , 49, 107757	17.8	1
148	Polypyridyl-Based Copper Phenanthrene Complexes: Combining Stability with Enhanced DNA Recognition. <i>Chemistry - A European Journal</i> , 2021 , 27, 971-983	4.8	4
147	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> , 2021 , 57, 359-371	2.6	2
146	Mapping the molecular basis for growth related phenotypes in industrial producer CHO cell lines using differential proteomic analysis. <i>BMC Biotechnology</i> , 2021 , 21, 43	3.5	1
145	DR5-targeted, chemotherapeutic drug-loaded nanoparticles induce apoptosis and tumor regression in pancreatic cancer in vivo models. <i>Journal of Controlled Release</i> , 2020 , 324, 610-619	11.7	10
144	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> , 2020 , 524, 847-852	3.4	
143	Altered gene expression in CHO cells following polyamine starvation. <i>Biotechnology Letters</i> , 2020 , 42, 927-936	3	0
142	Characterisation and proteomic profiling of continuously exposed Cu-resistant variants of the Caco-2 cell line. <i>Toxicology in Vitro</i> , 2020 , 65, 104773	3.6	1
141	Establishment and Characterisation by Expression Microarray of Patient-Derived Xenograft Panel of Human Pancreatic Adenocarcinoma Patients. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
140	Subphysiological temperature induces pervasive alternative splicing in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2020 , 117, 2489-2503	4.9	2
139	Genomic Profiling and Functional Analysis of let-7c miRNA-mRNA Interactions Identify to Be Involved in Invasion and Progression of Pancreatic Cancer. <i>Journal of Oncology</i> , 2020 , 2020, 2951921	4.5	3
138	Investigation and circumvention of transfection inhibition by ferric ammonium citrate in serum-free media for Chinese hamster ovary cells. <i>Biotechnology Progress</i> , 2020 , 36, e2954	2.8	
137	Development of whole-cell and cell-free biosensors for the detection and differentiation of organic and inorganic forms of copper. <i>Metallomics</i> , 2020 , 12, 1729-1734	4.5	0
136	Gene expression profiling of copper-resistant Caco-2 clones. <i>Metallomics</i> , 2020 , 12, 1521-1529	4.5	
135	Proteomic analysis of pancreatic ductal adenocarcinoma. <i>Expert Review of Proteomics</i> , 2020 , 17, 453-467	4.2	3

134	Proteomic Analysis of Cell Lines and Primary Tumors in Pancreatic Cancer Identifies Proteins Expressed Only In Vitro and Only In Vivo. <i>Pancreas</i> , 2020 , 49, 1109-1116	2.6	2
133	Reinventing the Wheel: Synthetic Circular RNAs for Mammalian Cell Engineering. <i>Trends in Biotechnology</i> , 2020 , 38, 217-230	15.1	10
132	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> , 2019 , 195, 23-32	3.9	9
131	Improvements in single-use bioreactor film material composition leads to robust and reliable Chinese hamster ovary cell performance. <i>Biotechnology Progress</i> , 2019 , 35, e2824	2.8	5
130	Copper-induced non-monotonic dose response in Caco-2 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019 , 55, 221-225	2.6	9
129	Transcriptomic analysis of IgG4 Fc-fusion protein degradation in a panel of clonally-derived CHO cell lines using RNASeq. <i>Biotechnology and Bioengineering</i> , 2019 , 116, 1556-1562	4.9	6
128	Leaky Expression of the TET-On System Hinders Control of Endogenous miRNA Abundance. <i>Biotechnology Journal</i> , 2019 , 14, e1800219	5.6	13
127	Zinc supplementation increases protein titer of recombinant CHO cells. <i>Cytotechnology</i> , 2019 , 71, 915-924	4.2	6
126	Why we need good mentoring. <i>Nature Reviews Cancer</i> , 2019 , 19, 489-493	31.3	3
125	An arginase-based system for selection of transfected CHO cells without the use of toxic chemicals. <i>Journal of Biological Chemistry</i> , 2019 , 294, 18756-18768	5.4	4
124	Continuous translation of circularized mRNA improves recombinant protein titer. <i>Metabolic Engineering</i> , 2019 , 52, 284-292	9.7	16
123	Improved yield of rhEPO in CHO cells with synthetic 5SUTR. <i>Biotechnology Letters</i> , 2019 , 41, 231-239	3	5
122	miR-CATCH Identifies Biologically Active miRNA Regulators of the Pro-Survival Gene XIAP, in Chinese Hamster Ovary Cells. <i>Biotechnology Journal</i> , 2018 , 13, e1700299	5.6	6
121	The Expression Pattern of the Phosphoproteome Is Significantly Changed During the Growth Phases of Recombinant CHO Cell Culture. <i>Biotechnology Journal</i> , 2018 , 13, e1700221	5.6	15
120	Unexpected fluctuations of trace element levels in cell culture medium in vitro: caveat emptor. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018 , 54, 555-558	2.6	11
119	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> , 2018 , 281, 21-30	3.7	6
118	A proteomic profiling dataset of recombinant Chinese hamster ovary cells showing enhanced cellular growth following miR-378 depletion. <i>Data in Brief</i> , 2018 , 21, 2679-2688	1.2	3
117	A Comparative Quantitative LC-MS/MS Profiling Analysis of Human Pancreatic Adenocarcinoma, Adjacent-Normal Tissue, and Patient-Derived Tumour Xenografts. <i>Proteomes</i> , 2018 , 6,	4.6	15

116	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> , 2018 , 288, 30-40	3.7	9
115	Ultra-deep next generation mitochondrial genome sequencing reveals widespread heteroplasmy in Chinese hamster ovary cells. <i>Metabolic Engineering</i> , 2017 , 41, 11-22	9.7	16
114	Conditional Knockdown of Endogenous MicroRNAs in CHO Cells Using TET-ON-SanDI Sponge Vectors. <i>Methods in Molecular Biology</i> , 2017 , 1603, 87-100	1.4	6
113	Phosphopeptide Enrichment and LC-MS/MS Analysis to Study the Phosphoproteome of Recombinant Chinese Hamster Ovary Cells. <i>Methods in Molecular Biology</i> , 2017 , 1603, 195-208	1.4	3
112	Filter-Aided Sample Preparation (FASP) for Improved Proteome Analysis of Recombinant Chinese Hamster Ovary Cells. <i>Methods in Molecular Biology</i> , 2017 , 1603, 187-194	1.4	17
111	Differential Phosphoproteomic Analysis of Recombinant Chinese Hamster Ovary Cells Following Temperature Shift. <i>Journal of Proteome Research</i> , 2017 , 16, 2339-2358	5.6	14
110	Proteomic analysis of bronchoalveolar lavage fluid (BALF) from lung cancer patients using label-free mass spectrometry. <i>BBA Clinical</i> , 2017 , 7, 97-104		18
109	Neutrophil Membrane Cholesterol Content is a Key Factor in Cystic Fibrosis Lung Disease. <i>EBioMedicine</i> , 2017 , 23, 173-184	8.8	20
108	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> , 2017 , 117, 1326-1335	8.7	12
107	Novel panel of protein biomarkers to predict response to bortezomib-containing induction regimens in multiple myeloma patients. <i>BBA Clinical</i> , 2017 , 8, 28-34		12
106	Parallel mRNA, proteomics and miRNA expression analysis in cell line models of the intestine. <i>World Journal of Gastroenterology</i> , 2017 , 23, 7369-7386	5.6	12
105	Proteomic strategies in the search for novel pancreatic cancer biomarkers and drug targets: recent advances and clinical impact. <i>Expert Review of Proteomics</i> , 2016 , 13, 383-94	4.2	7
104	The iron-responsive microsomal proteome of <i>Aspergillus fumigatus</i> . <i>Journal of Proteomics</i> , 2016 , 136, 99-111	3.9	19
103	Clinical utility of C-terminal telopeptide of type 1 collagen in multiple myeloma. <i>British Journal of Haematology</i> , 2016 , 173, 82-8	4.5	10
102	Quantitative label-free mass spectrometry analysis of formalin-fixed, paraffin-embedded tissue representing the invasive cutaneous malignant melanoma proteome. <i>Oncology Letters</i> , 2016 , 12, 3296-3304	3.6	9
101	Proteomic differences in recombinant CHO cells producing two similar antibody fragments. <i>Biotechnology and Bioengineering</i> , 2016 , 113, 1902-12	4.9	22
100	Process-relevant concentrations of the leachable bDtBPP impact negatively on CHO cell production characteristics. <i>Biotechnology Progress</i> , 2016 , 32, 1547-1558	2.8	24
99	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> , 2015 , 11, 620-635	4.7	14

98	Influence of multidrug resistance and drug transport proteins on chemotherapy drug metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015 , 11, 795-809	5.5	45
97	Towards next generation CHO cell biology: Bioinformatics methods for RNA-Seq-based expression profiling. <i>Biotechnology Journal</i> , 2015 , 10, 950-66	5.6	12
96	Re-programming CHO cell metabolism using miR-23 tips the balance towards a highly productive phenotype. <i>Biotechnology Journal</i> , 2015 , 10, 1029-40	5.6	37
95	Circulating miRNAs miR-34a and miR-150 associated with colorectal cancer progression. <i>BMC Cancer</i> , 2015 , 15, 329	4.8	67
94	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> , 2015 , 441, 133-41	6.2	26
93	Glycosylation patterns of kidney proteins differ in rat diabetic nephropathy. <i>Kidney International</i> , 2015 , 87, 963-74	9.9	21
92	Examining the Impact of Altered Protein Expression and Ubiquitination Levels on the Development of Resistance to Proteasome Inhibitors Using Proteomics Analysis. <i>Blood</i> , 2015 , 126, 4208-4208	2.2	
91	Exposure of a corneal epithelial cell line (hTCEpi) to Demodex-associated Bacillus proteins results in an inflammatory response. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 7019-28		12
90	Transferrin-bound proteins as potential biomarkers for advanced breast cancer patients. <i>BBA Clinical</i> , 2014 , 2, 24-30		15
89	Identification and functional validation of RAD23B as a potential protein in human breast cancer progression. <i>Journal of Proteome Research</i> , 2014 , 13, 3212-22	5.6	25
88	Proteomics in uveal melanoma. <i>Experimental Eye Research</i> , 2014 , 118, 1-12	3.7	15
87	A neutrophil intrinsic impairment affecting Rab27a and degranulation in cystic fibrosis is corrected by CFTR potentiator therapy. <i>Blood</i> , 2014 , 124, 999-1009	2.2	105
86	Bone disease in multiple myeloma: pathophysiology and management. <i>Cancer Growth and Metastasis</i> , 2014 , 7, 33-42		103
85	Comparative transcriptomic analysis of cultivated limbal epithelium and donor corneal tissue reveals altered wound healing gene expression 2014 , 55, 5795-805		3
84	Statistical methods for mining Chinese hamster ovary cell omics data: from differential expression to integrated multilevel analysis of the biological system. <i>Pharmaceutical Bioprocessing</i> , 2014 , 2, 469-481		3
83	Intricate effects of primary motor neuronopathy on contractile proteins and metabolic muscle enzymes as revealed by label-free mass spectrometry. <i>Bioscience Reports</i> , 2014 , 34,	4.1	9
82	In vitro Development of Chemotherapy and Targeted Therapy Drug-Resistant Cancer Cell Lines: A Practical Guide with Case Studies. <i>Frontiers in Oncology</i> , 2014 , 4, 40	5.3	139
81	CHO cell culture longevity and recombinant protein yield are enhanced by depletion of miR-7 activity via sponge decoy vectors. <i>Biotechnology Journal</i> , 2014 , 9, 396-404	5.6	42

80	PP2A inhibition overcomes acquired resistance to HER2 targeted therapy. <i>Molecular Cancer</i> , 2014 , 13, 157	42.1	34
79	Predictive biomarkers for dasatinib treatment in melanoma. <i>Oncoscience</i> , 2014 , 1, 158-66	0.8	8
78	The interaction of bortezomib with multidrug transporters: implications for therapeutic applications in advanced multiple myeloma and other neoplasias. <i>Cancer Chemotherapy and Pharmacology</i> , 2013 , 71, 1357-68	3.5	53
77	Transcriptomic analysis of clonal growth rate variation during CHO cell line development. <i>Journal of Biotechnology</i> , 2013 , 166, 105-13	3.7	24
76	Correlating transcriptional networks to breast cancer survival: a large-scale coexpression analysis. <i>Carcinogenesis</i> , 2013 , 34, 2300-8	4.6	228
75	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> , 2013 , 13, 2312-23	4.8	37
74	Bone Turnover Biomarkers Are Useful In Monitoring Myeloma Bone Disease and As Early Predictor Biomarkers For Relapse Disease In Multiple Myeloma. <i>Blood</i> , 2013 , 122, 1869-1869	2.2	2
73	A gene expression profile indicative of early stage HER2 tyrosine kinase inhibitor response.. <i>Journal of Clinical Oncology</i> , 2013 , 31, e11536-e11536	2.2	1
72	MiR-7 triggers cell cycle arrest at the G1/S transition by targeting multiple genes including Skp2 and Psme3. <i>PLoS ONE</i> , 2013 , 8, e65671	3.7	49
71	Characterization and response of newly developed high-grade glioma cultures to the tyrosine kinase inhibitors, erlotinib, gefitinib and imatinib. <i>Experimental Cell Research</i> , 2012 , 318, 641-52	4.2	7
70	Impact of miR-7 over-expression on the proteome of Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , 2012 , 160, 251-62	3.7	51
69	Resistance to paclitaxel in a cisplatin-resistant ovarian cancer cell line is mediated by P-glycoprotein. <i>PLoS ONE</i> , 2012 , 7, e40717	3.7	66
68	Biochemical relapse following radical prostatectomy and miR-200a levels in prostate cancer. <i>Prostate</i> , 2012 , 72, 1193-9	4.2	43
67	Analysis of acute-phase proteins, AHSG, C3, CLI, HP and SAA, reveals distinctive expression patterns associated with breast, colorectal and lung cancer. <i>International Journal of Cancer</i> , 2012 , 131, 911-23	7.5	51
66	Microarray expression profiling identifies genes regulating sustained cell specific productivity (S-Qp) in CHO K1 production cell lines. <i>Biotechnology Journal</i> , 2012 , 7, 516-26	5.6	13
65	CGCDB: a web-based resource for the investigation of gene coexpression in CHO cell culture. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 1368-70	4.9	12
64	Utilization and evaluation of CHO-specific sequence databases for mass spectrometry based proteomics. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 1386-94	4.9	42
63	Differential expression of fourteen proteins between uveal melanoma from patients who subsequently developed distant metastases versus those who did Not 2012 , 53, 4634-43		43

62	Pharmacological interactions of TKIs with the P-gp drug transport protein.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 2536-2536	2.2	2
61	Prostate cancer inhibitory activity of a novel dual inhibitor, EL102, in combination with docetaxel, and its effects on MDR1-mediated drug resistance in vitro.. <i>Journal of Clinical Oncology</i> , 2012 , 30, e15126-e15126	2.2	2
60	Cells of the Osteoblast Lineage Confer Myeloma Cell Resistance to Established and Investigational Therapeutic Agents. <i>Blood</i> , 2012 , 120, 3995-3995	2.2	
59	RNAi knockdown of Hop (Hsp70/Hsp90 organising protein) decreases invasion via MMP-2 down regulation. <i>Cancer Letters</i> , 2011 , 306, 180-9	9.9	73
58	Large scale microarray profiling and coexpression network analysis of CHO cells identifies transcriptional modules associated with growth and productivity. <i>Journal of Biotechnology</i> , 2011 , 155, 350-9	3.7	57
57	Development and characterization of a Chinese hamster ovary cell-specific oligonucleotide microarray. <i>Biotechnology Letters</i> , 2011 , 33, 1773-9	3	16
56	Imatinib and docetaxel in combination can effectively inhibit glioma invasion in an in vitro 3D invasion assay. <i>Journal of Neuro-Oncology</i> , 2011 , 101, 189-98	4.8	13
55	Engineering CHO cell growth by stable manipulation of miRNA expression. <i>BMC Proceedings</i> , 2011 , 5 Suppl 8, P22	2.3	2
54	A novel panel of protein biomarkers for predicting response to thalidomide-based therapy in newly diagnosed multiple myeloma patients. <i>Proteomics</i> , 2011 , 11, 1391-402	4.8	26
53	Conditioned media from cell lines: a complementary model to clinical specimens for the discovery of disease-specific biomarkers. <i>Proteomics</i> , 2011 , 11, 794-804	4.8	96
52	2D-DIGE analysis of phospho-enriched fractions from dasatinib-treated melanoma cell lines. <i>Journal of Proteomics</i> , 2011 , 74, 490-501	3.9	15
51	Predicting cell-specific productivity from CHO gene expression. <i>Journal of Biotechnology</i> , 2011 , 151, 159-65	3.7	78
50	Proteomic Characterization of An Isogenic Multiple Myeloma Cell Line Model of Bortezomib Resistance. <i>Blood</i> , 2011 , 118, 1820-1820	2.2	
49	Decreasing Txnip mRNA and protein levels in pancreatic MIN6 cells reduces reactive oxygen species and restores glucose regulated insulin secretion. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 667-74	3.9	21
48	Recent advances in clinical proteomics using mass spectrometry. <i>Bioanalysis</i> , 2010 , 2, 1609-15	2.1	15
47	Challenges of drug resistance in the management of pancreatic cancer. <i>Expert Review of Anticancer Therapy</i> , 2010 , 10, 1647-61	3.5	38
46	Identification of microRNAs with a role in glucose stimulated insulin secretion by expression profiling of MIN6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 396, 457-62	3.4	61
45	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> , 2010 , 106, 42-56	4.9	60

44	Interaction of Plasma Deposited HMDSO-Based Coatings with Fibrinogen and Human Blood Plasma: The Correlation between Bulk Plasma, Surface Characteristics and Biomolecule Interaction. <i>Plasma Processes and Polymers</i> , 2010 , 7, 411-421	3.4	18
43	E1 Antitrypsin regulates human neutrophil chemotaxis induced by soluble immune complexes and IL-8. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4236-50	15.9	191
42	Interactions of the Hdm2/p53 and proteasome pathways may enhance the antitumor activity of bortezomib. <i>Clinical Cancer Research</i> , 2009 , 15, 7153-60	12.9	60
41	Proteomic analysis of multidrug-resistance mechanisms in adriamycin-resistant variants of DLKP, a squamous lung cancer cell line. <i>Proteomics</i> , 2009 , 9, 1556-66	4.8	45
40	Development of a high-performance liquid chromatographic-mass spectrometric method for the determination of cellular levels of the tyrosine kinase inhibitors lapatinib and dasatinib. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3982-90	3.2	32
39	The Interaction of Bortezomib with P-Gp, MRP-1 and BCRP Drug Transporters: Implications for Therapeutic Applications of Bortezomib in Advanced Multiple Myeloma and Other Neoplasias.. <i>Blood</i> , 2009 , 114, 1729-1729	2.2	0
38	Proteomics as a Functional Tool in Evaluating Bortezomib Treatment and Drug Resistance Mechanism.. <i>Blood</i> , 2009 , 114, 1805-1805	2.2	
37	Preclinical evaluation of dasatinib, a potent Src kinase inhibitor, in melanoma cell lines. <i>Journal of Translational Medicine</i> , 2008 , 6, 53	8.5	55
36	Prevalence and prognostic and predictive relevance of PRAME in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2008 , 109, 359-65	4.4	49
35	Transcriptional profiling of gene expression changes in a PACE-transfected CHO DUKX cell line secreting high levels of rhBMP-2. <i>Molecular Biotechnology</i> , 2008 , 39, 187-99	3	42
34	Proteomic profiling of CHO cells with enhanced rhBMP-2 productivity following co-expression of PACEsol. <i>Proteomics</i> , 2008 , 8, 2611-24	4.8	43
33	Prediction of Thalidomide Response in the Newly Diagnosed Untreated Multiple Myeloma Patients Based on a Panel of Protein Biomarkers. <i>Blood</i> , 2008 , 112, 5018-5018	2.2	
32	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> , 2007 , 28, 4302-10	3.6	65
31	Drug resistance in cancer - searching for mechanisms, markers and therapeutic agents. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2007 , 3, 805-17	5.5	42
30	Rapid and sensitive liquid chromatography-tandem mass spectrometry for the quantitation of epirubicin and identification of metabolites in biological samples. <i>Talanta</i> , 2007 , 72, 145-54	6.2	29
29	Initial identification of low temperature and culture stage induction of miRNA expression in suspension CHO-K1 cells. <i>Journal of Biotechnology</i> , 2007 , 130, 213-8	3.7	84
28	Proteomic approaches for serum biomarker discovery in cancer. <i>Anticancer Research</i> , 2007 , 27, 1247-55	2.3	90
27	Investigation of the role of p53 in chemotherapy resistance of lung cancer cell lines. <i>Anticancer Research</i> , 2007 , 27, 1361-4	2.3	31

26	Pre-exposure to yeast protects larvae of <i>Galleria mellonella</i> from a subsequent lethal infection by <i>Candida albicans</i> and is mediated by the increased expression of antimicrobial peptides. <i>Microbes and Infection</i> , 2006 , 8, 2105-12	9.3	102
25	MDR-1, but not MDR-3 gene expression, is associated with unmutated IgVH genes and poor prognosis chromosomal aberrations in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2006 , 47, 2308-13	1.9	37
24	Phenotypic and global gene expression profile changes between low passage and high passage MIN-6 cells. <i>Journal of Endocrinology</i> , 2006 , 191, 665-76	4.7	47
23	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> , 2006 , 6, 6578-87	4.8	46
22	RNA Interference with siRNA. <i>Cancer Genomics and Proteomics</i> , 2006 , 3, 127-135	3.3	
21	Gene Expression Microarray Technology: Some Applications in Lung Cancer Research. <i>Cancer Genomics and Proteomics</i> , 2006 , 3, 197-202	3.3	
20	Detection of Specific mRNAs in Culture Medium Conditioned by Human Tumour Cells: Potential for New Class of Cancer Biomarkers in Serum. <i>Cancer Genomics and Proteomics</i> , 2005 , 2, 43-52	3.3	3
19	Synthesis and X-ray crystal structure of [Ag(phendio) ₂]ClO ₄ (phendio = 1,10-phenanthroline-5,6-dione) and its effects on fungal and mammalian cells. <i>BioMetals</i> , 2004 , 17, 635-45	2.4	69
18	Enhanced in vitro invasiveness and drug resistance with altered gene expression patterns in a human lung carcinoma cell line after pulse selection with anticancer drugs. <i>International Journal of Cancer</i> , 2004 , 111, 484-93	7.5	31
17	Investigation of MRP-1 protein and MDR-1 P-glycoprotein expression in invasive breast cancer: a prognostic study. <i>International Journal of Cancer</i> , 2004 , 112, 286-94	7.5	78
16	Induction of apoptosis in yeast and mammalian cells by exposure to 1,10-phenanthroline metal complexes. <i>Toxicology in Vitro</i> , 2004 , 18, 63-70	3.6	90
15	Increased anti-tumour efficacy of doxorubicin when combined with sulindac in a xenograft model of an MRP-1-positive human lung cancer. <i>Anticancer Research</i> , 2004 , 24, 457-64	2.3	22
14	Challenges in molecular analysis for individualized cancer therapy. <i>Drug Discovery Today</i> , 2003 , 8, 531	8.8	1
13	Lack of prognostic significance of survivin, survivin-deltaEx3, survivin-2B, galectin-3, bag-1, bax-alpha and MRP-1 mRNAs in breast cancer. <i>Cancer Letters</i> , 2003 , 201, 225-36	9.9	61
12	Examining the relationship between cancer invasion/metastasis and drug resistance. <i>Current Cancer Drug Targets</i> , 2002 , 2, 257-77	2.8	45
11	Galectin-3 expression alters adhesion, motility and invasion in a lung cell line (DLKP), in vitro. <i>Anticancer Research</i> , 2002 , 22, 3117-25	2.3	44
10	Synthesis of indomethacin analogues for evaluation as modulators of MRP activity. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 745-62	3.4	35
9	Altered expression of mRNAs for apoptosis-modulating proteins in a low level multidrug resistant variant of a human lung carcinoma cell line that also expresses mdr1 mRNA. <i>International Journal of Cancer</i> , 1999 , 82, 368-76	7.5	31

8	Recent developments in drug resistance and apoptosis research. <i>Critical Reviews in Oncology/Hematology</i> , 1998 , 28, 181-205	7	12
7	Human lung carcinoma cell line DLKP contains 3 distinct subpopulations with different growth and attachment properties. <i>Tumor Biology</i> , 1998 , 19, 88-103	2.9	31
6	The multidrug-resistant human lung tumour cell line, DLKP-A10, expresses novel drug accumulation and sequestration systems. <i>Biochemical Pharmacology</i> , 1997 , 53, 1493-502	6	36
5	Isolation from a human MDR lung cell line of multiple clonal subpopulations which exhibit significantly different drug resistance. <i>International Journal of Cancer</i> , 1997 , 71, 907-15	7.5	24
4	The use of reverse transcriptase-polymerase chain reaction (RT-PCR) to investigate specific gene expression in multidrug-resistant cells. <i>Cytotechnology</i> , 1993 , 12, 289-314	2.2	33
3	Comparison of 5 microplate colorimetric assays for in vitro cytotoxicity testing and cell proliferation assays. <i>Cytotechnology</i> , 1993 , 11, 49-58	2.2	104
2	Cytogenetic comparison of two poorly differentiated human lung squamous cell carcinoma lines. <i>Cancer Genetics and Cytogenetics</i> , 1992 , 59, 111-8		33
1	Acid phosphatase: endpoint for in vitro toxicity tests. <i>In Vitro Cellular & Developmental Biology</i> , 1991 , 27A, 183-4		76