Cristin G Print

List of Publications by Citations

118 papers	4,933 citations	36 h-index	68 g-index
127 ext. papers	5,723 ext. citations	5.9 avg, IF	5.17 L-index

#	Paper	IF	Citations
118	Hypoxia-induced neutrophil survival is mediated by HIF-1alpha-dependent NF-kappaB activity. *Journal of Experimental Medicine*, **2005**, 201, 105-15	16.6	632
117	Paternal obesity initiates metabolic disturbances in two generations of mice with incomplete penetrance to the F2 generation and alters the transcriptional profile of testis and sperm microRNA content. *FASEB Journal*, **2013**, 27, 4226-43	0.9	393
116	Germ cell suicide: new insights into apoptosis during spermatogenesis. *BioEssays*, **2000**, 22, 423-30	4.1	323
115	MicroRNA-regulated pathways associated with endometriosis. *Molecular Endocrinology*, **2009**, 23, 265-75		266
114	The role of microRNAs in endometriosis and associated reproductive conditions. *Human Reproduction Update*, **2010**, 16, 142-65	15.8	211
113	YB-1: oncoprotein, prognostic marker and therapeutic target?. *Biochemical Journal*, **2013**, 449, 11-23	3.8	149
112	VavCre transgenic mice: a tool for mutagenesis in hematopoietic and endothelial lineages. *Genesis*, **2002**, 34, 251-6	1.9	144
111	Predictive and prognostic molecular markers for cancer medicine. *Therapeutic Advances in Medical Oncology*, **2010**, 2, 125-48	5.4	138
110	Tumor mutational burden is a determinant of immune-mediated survival in breast cancer. *OncoImmunology*, **2018**, 7, e1490854	7.2	129
109	Endometrial-peritoneal interactions during endometriotic lesion establishment. *American Journal of Pathology*, **2008**, 173, 700-15	5.8	121
108	Cyclin E2 overexpression is associated with endocrine resistance but not insensitivity to CDK2 inhibition in human breast cancer cells. *Molecular Cancer Therapeutics*, **2012**, 11, 1488-99	6.1	101
107	Positive regulation of c-Myc by cohesin is direct, and evolutionarily conserved. *Developmental Biology*, **2010**, 344, 637-49	3.1	84
106	Independent component analysis of microarray data in the study of endometrial cancer. *Oncogene*, **2004**, 23, 6677-83	9.2	84
105	YB-1, the E2F pathway, and regulation of tumor cell growth. *Journal of the National Cancer Institute*, **2012**, 104, 133-46	9.7	79
104	Statistical inference of transcriptional module-based gene networks from time course gene expression profiles by using state space models. *Bioinformatics*, **2008**, 24, 932-42	7.2	75
103	Uropathogenic Escherichia coli Releases Extracellular Vesicles That Are Associated with RNA. *PLoS ONE*, **2016**, 11, e0160440	3.7	74
102	A gene expression signature of invasive potential in metastatic melanoma cells. *PLoS ONE*, **2009**, 4, e8464	4.7	61

101	Immunogenic Subtypes of Breast Cancer Delineated by Gene Classifiers of Immune Responsiveness. *Cancer Immunology Research*, **2016**, 4, 600-10	12.5	61
100	Diverse developmental disorders from the one ring: distinct molecular pathways underlie the cohesinopathies. *Frontiers in Genetics*, **2012**, 3, 171	4.5	60
99	Autocrine human growth hormone promotes tumor angiogenesis in mammary carcinoma. *Endocrinology*, **2009**, 150, 1341-52	4.8	60
98	A zebrafish model of Roberts syndrome reveals that Esco2 depletion interferes with development by disrupting the cell cycle. *PLoS ONE*, **2011**, 6, e20051	3.7	58
97	The transcriptional targets of mutant FOXL2 in granulosa cell tumours. *PLoS ONE*, **2012**, 7, e46270	3.7	56
96	GeneSetDB: A comprehensive meta-database, statistical and visualisation framework for gene set analysis. *FEBS Open Bio*, **2012**, 2, 76-82	2.7	52
95	Targeting p90 ribosomal S6 kinase eliminates tumor-initiating cells by inactivating Y-box binding protein-1 in triple-negative breast cancers. *Stem Cells*, **2012**, 30, 1338-48	5.8	52
94	Gene network inference and visualization tools for biologists: application to new human transcriptome datasets. *Nucleic Acids Research*, **2012**, 40, 2377-98	20.1	52
93	Sperm microRNA Content Is Altered in a Mouse Model of Male Obesity, but the Same Suite of microRNAs Are Not Altered in Offspring's Sperm. *PLoS ONE*, **2016**, 11, e0166076	3.7	51
92	Transposon mutagenesis identifies genetic drivers of Braf(V600E) melanoma. *Nature Genetics*, **2015**, 47, 486-95	36.3	48
91	Activation of mutated K-ras in donor endometrial epithelium and stroma promotes lesion growth in an intact immunocompetent murine model of endometriosis. *Journal of Pathology*, **2011**, 224, 261-9	9.4	44
90	Epidermal cells help coordinate leukocyte migration during inflammation through fatty acid-fuelled matrix metalloproteinase production. *Nature Communications*, **2014**, 5, 3880	17.4	42
89	Modulation of the mouse testis transcriptome during postnatal development and in selected models of male infertility. *Molecular Human Reproduction*, **2004**, 10, 271-81	4.4	42
88	MAdCAM-1 costimulates T cell proliferation exclusively through integrin alpha4beta7, whereas VCAM-1 and CS-1 peptide use alpha4beta1: evidence for "remote" costimulation and induction of hyperresponsiveness to B7 molecules. *European Journal of Immunology*, **1998**, 28, 3605-15	6.1	40
87	New insights into the function and regulation of endothelial cell apoptosis. *Angiogenesis*, **2003**, 6, 171-83	10.6	40
86	Overexpression of miR-595 and miR-1246 in the sera of patients with active forms of inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2015**, 21, 520-30	4.5	37
85	Δ133p53 isoform promotes tumour invasion and metastasis via interleukin-6 activation of JAK-STAT and RhoA-ROCK signalling. *Nature Communications*, **2018**, 9, 254	17.4	36
84	Gene and protein expression signature of endometrial glandular and stromal compartments during the window of implantation. *Fertility and Sterility*, **2012**, 97, 1365-73.e1-2	4.8	36

83	BCL-2 hypermethylation is a potential biomarker of sensitivity to antimitotic chemotherapy in endocrine-resistant breast cancer. *Molecular Cancer Therapeutics*, **2013**, 12, 1874-85	6.1	36
82	Understanding endothelial cell apoptosis: what can the transcriptome, glycome and proteome reveal?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2007**, 362, 1469-87	5.8	34
81	Endothelial cells preparing to die by apoptosis initiate a program of transcriptome and glycome regulation. *FASEB Journal*, **2004**, 18, 188-90	0.9	33
80	Estimating genome-wide gene networks using nonparametric Bayesian network models on massively parallel computers. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2011**, 8, 683-97	3	32
79	Evofosfamide for the treatment of human papillomavirus-negative head and neck squamous cell carcinoma. *JCI Insight*, **2018**, 3,	9.9	31
78	Soluble factors from human endometrium promote angiogenesis and regulate the endothelial cell transcriptome. *Human Reproduction*, **2004**, 19, 2356-66	5.7	30
77	Analysis of PPARalpha-dependent and PPARalpha-independent transcript regulation following fenofibrate treatment of human endothelial cells. *Angiogenesis*, **2009**, 12, 221-9	10.6	29
76	Bioinformatic analysis of primary endothelial cell gene array data illustrated by the analysis of transcriptome changes in endothelial cells exposed to VEGF-A and PlGF. *Angiogenesis*, **2004**, 7, 143-56	10.6	29
75	Cell cycle gene networks are associated with melanoma prognosis. *PLoS ONE*, **2012**, 7, e34247	3.7	28
74	Granulocyte/macrophage colony-stimulating factor causes a paradoxical increase in the BH3-only pro-apoptotic protein Bim in human neutrophils. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 44, 879-87	5.7	28
73	A novel EGR-1 dependent mechanism for YB-1 modulation of paclitaxel response in a triple negative breast cancer cell line. *International Journal of Cancer*, **2016**, 139, 1157-70	7.5	27
72	Links between the oncoprotein YB-1 and small non-coding RNAs in breast cancer. *PLoS ONE*, **2013**, 8, e80171	3.7	26
71	Recurrent loss of heterozygosity correlates with clinical outcome in pancreatic neuroendocrine cancer. *Npj Genomic Medicine*, **2018**, 3, 18	6.2	23
70	Expression and role in glycolysis of human ADP-dependent glucokinase. *Molecular and Cellular Biochemistry*, **2012**, 364, 131-45	4.2	23
69	Antiphospholipid antibodies bind syncytiotrophoblast mitochondria and alter the proteome of extruded syncytial nuclear aggregates. *Placenta*, **2015**, 36, 1463-73	3.4	22
68	Cloning of novel kinectin splice variants with alternative C-termini: structure, distribution and evolution of mouse kinectin. *Immunology and Cell Biology*, **1996**, 74, 421-33	5	22
67	A Study of TP53 RNA Splicing Illustrates Pitfalls of RNA-seq Methodology. *Cancer Research*, **2016**, 76, 7151-7159	10.1	22
66	Regulation of ERK-MAPK signaling in human epidermis. *BMC Systems Biology*, **2015**, 9, 41	3.5	20

65	Quantitative cellular and molecular analysis of the effect of progesterone withdrawal in a murine model of decidualization. *Biology of Reproduction*, **2007**, 76, 871-83	3.9	20
64	Biclustering reveals breast cancer tumour subgroups with common clinical features and improves prediction of disease recurrence. *BMC Genomics*, **2013**, 14, 102	4.5	19
63	Glycome and transcriptome regulation of vasculogenesis. *Circulation*, **2009**, 120, 1883-1892	16.7	19
62	The flavoprotein FOXRED2 reductively activates nitro-chloromethylbenzindolines and other hypoxia-targeting prodrugs. *Biochemical Pharmacology*, **2014**, 89, 224-35	6	18
61	MMP1 bimodal expression and differential response to inflammatory mediators is linked to promoter polymorphisms. *BMC Genomics*, **2011**, 12, 43	4.5	17
60	Transcriptome analysis of endometrial cancer identifies peroxisome proliferator-activated receptors as potential therapeutic targets. *Molecular Cancer Therapeutics*, **2004**, 3, 993-1001	6.1	17
59	Plasma miRNAs Display Limited Potential as Diagnostic Tools for Endometriosis. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1999-2022	5.6	16
58	In the secretory endometria of women, luminal epithelia exhibit gene and protein expressions that differ from those of glandular epithelia. *Fertility and Sterility*, **2014**, 102, 307-317.e7	4.8	16
57	Vasohibin-1 is identified as a master-regulator of endothelial cell apoptosis using gene network analysis. *BMC Genomics*, **2013**, 14, 23	4.5	16
56	Dissection of stromal and cancer cell-derived signals in melanoma xenografts before and after treatment with DMXAA. *British Journal of Cancer*, **2012**, 106, 1134-47	8.7	16
55	Interaction of monocytoid cells with the mucosal addressin MAdCAM-1 via the integrins VLA-4 and LPAM-1. *Immunology and Cell Biology*, **1996**, 74, 383-93	5	16
54	Transcriptomic analysis of placenta affected by antiphospholipid antibodies: following the TRAIL of trophoblast death. *Journal of Reproductive Immunology*, **2012**, 94, 151-4	4.2	15
53	Vascular development is disrupted by endothelial cell-specific expression of the anti-apoptotic protein Bcl-2. *Angiogenesis*, **2007**, 10, 55-68	10.6	14
52	Cohesin modulates transcription of estrogen-responsive genes. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2015**, 1849, 257-69	6	13
51	Computational gene network analysis reveals TNF-induced angiogenesis. *BMC Systems Biology*, **2012**, 6 Suppl 2, S12	3.5	13
50	Cloning of a gene encoding a human leukocyte protein characterised by extensive heptad repeats. *Gene*, **1994**, 144, 221-8	3.8	13
49	Generation and use of a tailored gene array to investigate vascular biology. *Angiogenesis*, **2003**, 6, 93-104	10.6	12
48	Zinc finger nuclease mediated knockout of ADP-dependent glucokinase in cancer cell lines: effects on cell survival and mitochondrial oxidative metabolism. *PLoS ONE*, **2013**, 8, e65267	3.7	11

47	Regulation of the interferon-gamma (IFN-)pathway by p63 and 133p53 isoform in different breast cancer subtypes. *Oncotarget*, **2018**, 9, 29146-29161	3.3	11
46	Genomic medicine must reduce, not compound, health inequities: the case for hauora-enhancing genomic resources for New Zealand. *New Zealand Medical Journal*, **2018**, 131, 81-89	0.8	11
45	NAIL, a software toolset for inferring, analyzing and visualizing regulatory networks. *Bioinformatics*, **2015**, 31, 277-8	7.2	10
44	Does the endometrial gene expression of fertile women vary within and between cycles?. *Human Reproduction*, **2018**, 33, 452-463	5.7	10
43	Immunologic and structural relatedness of the integrin beta 7 complex and the human intraepithelial lymphocyte antigen HML-1. *FEBS Letters*, **1992**, 296, 25-8	3.8	10
42	Mapping a route to Indigenous engagement in cancer genomic research. *Lancet Oncology, The*, **2019**, 20, e327-e335	21.7	9
41	Massive parallel sequencing of solid tumours - challenges and opportunities for pathologists. *Histopathology*, **2017**, 70, 123-133	7.3	9
40	MelanomaDB: A Web Tool for Integrative Analysis of Melanoma Genomic Information to Identify Disease-Associated Molecular Pathways. *Frontiers in Oncology*, **2013**, 3, 184	5.3	9
39	Changes in gene expression during Wolffian duct development. *Hormone Research in Paediatrics*, **2006**, 65, 200-9	3.3	9
38	Computational strategy for discovering druggable gene networks from genome-wide RNA expression profiles. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2006**, 559-71	1.3	9
37	Integration of steady-state and temporal gene expression data for the inference of gene regulatory networks. *PLoS ONE*, **2013**, 8, e72103	3.7	8
36	Functional CRISPR and shRNA Screens Identify Involvement of Mitochondrial Electron Transport in the Activation of Evofosfamide. *Molecular Pharmacology*, **2019**, 95, 638-651	4.3	7
35	Antiapoptotic activities of bcl-2 correlate with vascular maturation and transcriptional modulation of human endothelial cells. *Endothelium: Journal of Endothelial Cell Research*, **2008**, 15, 59-71		7
34	Genomic and signalling pathway characterization of the NZM panel of melanoma cell lines: A valuable model for studying the impact of genetic diversity in melanoma. *Pigment Cell and Melanoma Research*, **2021**, 34, 136-143	4.5	7
33	Identifying gene pathways associated with cancer characteristics via sparse statistical methods. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2012**, 9, 966-72	3	6
32	Vascular development in embryoid bodies: quantification of transgenic intervention and antiangiogenic treatment. *Angiogenesis*, **2007**, 10, 217-26	10.6	6
31	A Bayesian search for transcriptional motifs. *PLoS ONE*, **2010**, 5, e13897	3.7	6
30	Circulating tumor DNA is a sensitive marker for routine monitoring of treatment response in advanced colorectal cancer. *Carcinogenesis*, **2020**, 41, 1507-1517	4.6	6

29	Spatially transformed fluorescence image data for ERK-MAPK and selected proteins within human epidermis. *GigaScience*, **2015**, 4, 63	7.6	5
28	A Predictor of Early Disease Recurrence in Patients With Breast Cancer Using a Cell-free RNA and Protein Liquid Biopsy. *Clinical Breast Cancer*, **2020**, 20, 108-116	3	5
27	Accessing a New Dimension in TP53 Biology: Multiplex Long Amplicon Digital PCR to Specifically Detect and Quantitate Individual Transcripts. *Cancers*, **2020**, 12,	6.6	4
26	Culture, law, ethics, and social implications: Is society ready for advanced genomic medicine?. *Australasian Medical Journal*, **2014**, 7, 200-2	2	4
25	Bayesian modelling of shared gene function. *Bioinformatics*, **2007**, 23, 1936-44	7.2	4
24	COMPUTATIONAL STRATEGY FOR DISCOVERING DRUGGABLE GENE NETWORKS FROM GENOME-WIDE RNA EXPRESSION PROFILES **2005**,		4
23	A human descendant of the chicken cardiac morphogenic protein ES/130. *Gene*, **1995**, 153, 293-4	3.8	4
22	The CG-1 gene, a member of the kinectin and ES/130 family, maps to human chromosome band 14q22. *Immunogenetics*, **1996**, 43, 227-229	3.2	4
21	The in vitro and in vivo effects of constitutive light expression on a bioluminescent strain of the mouse enteropathogen Citrobacter rodentium. *PeerJ*, **2016**, 4, e2130	3.1	4
20	Systems immunology reveals a linked IgG3-C4 response in patients with acute rheumatic fever. *Immunology and Cell Biology*, **2020**, 98, 12-21	5	4
19	Specialized Cell-Free DNA Blood Collection Tubes Can Be Repurposed for Extracellular Vesicle Isolation: A Pilot Study. *Biopreservation and Biobanking*, **2020**, 18, 462-470	2.1	4
18	Unraveling dynamic activities of autocrine pathways that control drug-response transcriptome networks. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2009**, 251-63	1.3	4
17	VEGF-A loss in the haematopoietic and endothelial lineages exacerbates age-induced renal changes. *Microvascular Research*, **2010**, 80, 372-83	3.7	3
16	Germ cell suicide: new insights into apoptosis during spermatogenesis		3
15	Gene expression profiling of breast tumours from New Zealand patients. *New Zealand Medical Journal*, **2017**, 130, 40-56	0.8	3
14	Orthogonal assays for the identification of inhibitors of the single-stranded nucleic acid binding protein YB-1. *Acta Pharmaceutica Sinica B*, **2019**, 9, 997-1007	15.5	2
13	Transcriptomic Features of T Cell-Barren Tumors Are Conserved Across Diverse Tumor Types. *Frontiers in Immunology*, **2020**, 11, 57	8.4	2
12	Multimodal Assessment of Estrogen Receptor mRNA Profiles to Quantify Estrogen Pathway Activity in Breast Tumors. *Clinical Breast Cancer*, **2017**, 17, 139-153	3	2

11	A pilot study of exome sequencing in a diverse New Zealand cohort with undiagnosed disorders and cancer. *Journal of the Royal Society of New Zealand*, **2018**, 48, 262-279	2	2
10	MicroRNAs in Endometriosis173-183		2
9	Development of capability for genome-scale CRISPR-Cas9 knockout screens in New Zealand. *Journal of the Royal Society of New Zealand*, **2018**, 48, 245-261	2	1
8	Clinical decision support systems: should we rely on unvalidated tools?. *ANZ Journal of Surgery*, **2011**, 81, 314-7	1	1
7	UNRAVELING DYNAMIC ACTIVITIES OF AUTOCRINE PATHWAYS THAT CONTROL DRUG-RESPONSE TRANSCRIPTOME NETWORKS **2008**,		1
6	Imprinted and ancient gene: a potential mediator of cancer cell survival during tryptophan deprivation. *Cell Communication and Signaling*, **2018**, 16, 88	7.5	1
5	MAdCAM-1 costimulates T cell proliferation exclusively through integrin 47, whereas VCAM-1 and CS-1 peptide use 41: evidence for emote costimulation and induction of hyperresponsiveness to B7 molecules **1998**, 28, 3605		1
4	An estimate of limited duration cancer prevalence in New Zealand using 'big' data. *New Zealand Medical Journal*, **2020**, 133, 49-62	0.8	1
3	Gene Network Analysis and Application. *Seibutsu Butsuri*, **2011**, 51, 182-185	0	0
2	Bulk and Single-Cell Profiling of Breast Tumors Identifies TREM-1 as a Dominant Immune Suppressive Marker Associated With Poor Outcomes.. *Frontiers in Oncology*, **2021**, 11, 734959	5.3	0
1	The CG-1 gene, a member of the kinectin and ES/130 family, maps to human chromosome band 14q22. *Immunogenetics*, **1996**, 43, 227-9	3.2	