Andrew N Shelling

List of Publications by Year in Descending Order

119 papers	5,830 citations	37 h-index	74 g-index
122 ext. papers	6,402 ext. citations	4.9 avg, IF	5.29 L-index

#	Paper	IF	Citations
119	Nanotechnology-Enabled COVID-19 mRNA Vaccines. *Encyclopedia*, **2021**, 1, 773-780		6
118	Dual or multiple drug loaded nanoparticles to target breast cancer stem cells.. *RSC Advances*, **2020**, 10, 19089-19105	3.7	21
117	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. *American Journal of Human Genetics*, **2020**, 107, 837-848	11	12
116	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
115	Relationships of maternal body mass index and plasma biomarkers with childhood body mass index and adiposity at 6 years: The Children of SCOPE study. *Pediatric Obesity*, **2019**, 14, e12537	4.6	11
114	Human Sensory LTP Predicts Memory Performance and Is Modulated by the ValMet Polymorphism. *Frontiers in Human Neuroscience*, **2019**, 13, 22	3.3	11
113	Gene-by-Activity Interactions on Obesity Traits of 6-Year-Old New Zealand European Children: A Children of SCOPE Study. *Pediatric Exercise Science*, **2018**, 30, 69-80	2	4
112	Re: "Widespread prevalence of a CREBRF variant among Māori and Pacific children is associated with weight and height in early childhood". *International Journal of Obesity*, **2018**, 42, 1389-1391	5.5	5
111	Discordant association of the CREBRF rs373863828 A allele with increased BMI and protection from type 2 diabetes in Māori and Pacific (Polynesian) people living in Aotearoa/New Zealand. *Diabetologia*, **2018**, 61, 1603-1613	10.3	35
110	The futility of fertility research? Barriers to embryo research in New Zealand. *New Zealand Medical Journal*, **2018**, 131, 63-70	0.8	
109	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
108	Analysis of association of gene variants with obesity traits in New Zealand European children at 6 years of age. *Molecular BioSystems*, **2017**, 13, 1524-1533		12
107	Development of biodegradable PLGA nanoparticles surface engineered with hyaluronic acid for targeted delivery of paclitaxel to triple negative breast cancer cells. *Materials Science and Engineering C*, **2017**, 76, 593-600	8.3	64
106	MicroRNA profiling of ovarian granulosa cell tumours reveals novel diagnostic and prognostic markers. *Clinical Epigenetics*, **2017**, 9, 72	7.7	15
105	Gene-by-environment interactions of the CLOCK, PEMT, and GHRELIN loci with average sleep duration in relation to obesity traits using a cohort of 643 New Zealand European children. *Sleep Medicine*, **2017**, 37, 19-26	4.6	7
104	Characterizing nuclear and mitochondrial DNA in spent embryo culture media: genetic contamination identified. *Fertility and Sterility*, **2017**, 107, 220-228.e5	4.8	68
103	Multimodal Assessment of Estrogen Receptor mRNA Profiles to Quantify Estrogen Pathway Activity in Breast Tumors. *Clinical Breast Cancer*, **2017**, 17, 139-153	3	2

102	Gene expression profiling of breast tumours from New Zealand patients. *New Zealand Medical Journal*, **2017**, 130, 40-56	0.8	3
101	Nuclear and mitochondrial DNA in blastocoele fluid and embryo culture medium: evidence and potential clinical use. *Human Reproduction*, **2016**, 31, 1653-61	5.7	33
100	Oocyte mitochondrial deletions and heteroplasmy in a bovine model of ageing and ovarian stimulation. *Molecular Human Reproduction*, **2016**, 22, 261-71	4.4	15
99	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
98	Stage I granulosa cell tumours: A management conundrum? Results of long-term follow up. *Gynecologic Oncology*, **2015**, 138, 285-91	4.9	32
97	Maternal age and ovarian stimulation independently affect oocyte mtDNA copy number and cumulus cell gene expression in bovine clones. *Human Reproduction*, **2015**, 30, 1410-20	5.7	32
96	Nanoparticle therapeutics: Technologies and methods for overcoming cancer. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 97, 140-51	5.7	58
95	New Zealand University students' knowledge of fertility decline in women via natural pregnancy and assisted reproductive technologies. *Human Fertility*, **2015**, 18, 208-14	1.9	15
94	Nanoparticulate carriers: an emerging tool for breast cancer therapy. *Journal of Drug Targeting*, **2015**, 23, 97-108	5.4	10
93	NOS1AP Polymorphisms Modify QTc Interval Duration But Not Cardiac Arrest Risk in Hypertrophic Cardiomyopathy. *Journal of Cardiovascular Electrophysiology*, **2015**, 26, 1346-51	2.7	3
92	The genetics of premature ovarian failure: current perspectives. *International Journal of Women's Health*, **2015**, 7, 799-810	2.8	56
91	Assessing embryo quality by combining non-invasive markers: early time-lapse parameters reflect gene expression in associated cumulus cells. *Human Reproduction*, **2015**, 30, 1850-60	5.7	28
90	The role of SPRASA in female fertility. *Reproductive Sciences*, **2015**, 22, 452-61	3	8
89	The role of FOXL2 in the pathogenesis of adult ovarian granulosa cell tumours. *Gynecologic Oncology*, **2014**, 133, 382-7	4.9	26
88	Expression of a Mutant kcnj2 Gene Transcript in Zebrafish **2014**, 2014, 1-14		6
87	SPACA3 gene variants in a New Zealand cohort of infertile and fertile couples. *Human Fertility*, **2014**, 17, 106-13	1.9	2
86	Single nucleotide polymorphisms in arrhythmia genes modify the risk of cardiac events and sudden death in long QT syndrome. *Heart Rhythm*, **2014**, 11, 76-82	6.7	46
85	FSH receptor gene variants are rarely associated with premature ovarian failure. *Reproductive BioMedicine Online*, **2013**, 26, 396-9	4	18

84	Adult granulosa cell tumours (GCT): clinicopathological outcomes including FOXL2 mutational status and expression. *Gynecologic Oncology*, **2013**, 131, 325-9	4.9	20
83	Comparative study of microRNA regulation on FOXL2 between adult-type and juvenile-type granulosa cell tumours in vitro. *Gynecologic Oncology*, **2013**, 129, 209-15	4.9	10
82	Community detection of long QT syndrome with a clinical registry: an alternative to ECG screening programs?. *Heart Rhythm*, **2013**, 10, 233-8	6.7	51
81	Comparison of responses of human melanoma cell lines to MEK and BRAF inhibitors. *Frontiers in Genetics*, **2013**, 4, 66	4.5	37
80	Expression of a Mutant kcnj2 Gene Transcript in Zebrafish **2013**, 2013, 324839		5
79	Mutations in inhibin and activin genes associated with human disease. *Molecular and Cellular Endocrinology*, **2012**, 359, 113-20	4.4	11
78	Comparison of growth factor signalling pathway utilisation in cultured normal melanocytes and melanoma cell lines. *BMC Cancer*, **2012**, 12, 141	4.8	17
77	Nanocarrier systems for delivery of siRNA to ovarian cancer tissues. *Expert Opinion on Drug Delivery* , **2012**, 9, 743-54	8	6
76	In vivo testing of microRNA-mediated gene knockdown in zebrafish. *Journal of Biomedicine and Biotechnology*, **2012**, 2012, 350352		8
75	YB-1, the E2F pathway, and regulation of tumor cell growth. *Journal of the National Cancer Institute*, **2012**, 104, 133-46	9.7	79
74	Ethnic differences in disease presentation of uterine cancer in New Zealand women. *Journal of Family Planning and Reproductive Health Care*, **2012**, 38, 239-45		8
73	The transcriptional targets of mutant FOXL2 in granulosa cell tumours. *PLoS ONE*, **2012**, 7, e46270	3.7	56
72	Centrosomal dysregulation in human metastatic melanoma cell lines. *Cancer Genetics*, **2011**, 204, 477-85	2.3	11
71	Symptoms and signs associated with syncope in young people with primary cardiac arrhythmias. *Heart Lung and Circulation*, **2011**, 20, 593-8	1.8	25
70	Prospective, population-based long QT molecular autopsy study of postmortem negative sudden death in 1 to 40 year olds. *Heart Rhythm*, **2011**, 8, 412-9	6.7	121
69	Elevated serum gastrin levels in Jervell and Lange-Nielsen syndrome: a marker of severe KCNQ1 dysfunction?. *Heart Rhythm*, **2011**, 8, 551-4	6.7	22
68	Zebrafish as a model for long QT syndrome: the evidence and the means of manipulating zebrafish gene expression. *Acta Physiologica*, **2010**, 199, 257-76	5.6	35
67	Predictive and prognostic molecular markers for cancer medicine. *Therapeutic Advances in Medical Oncology*, **2010**, 2, 125-48	5.4	138

66	Inhibin and premature ovarian failure. *Human Reproduction Update*, **2010**, 16, 39-50	15.8	78
65	Array comparative genomic hybridization for the detection of submicroscopic copy number variations of the X chromosome in women with premature ovarian failure. *Human Reproduction*, **2010**, 25, 3159-60; author reply 3160-1	5.7	16
64	Premature ovarian failure. *Reproduction*, **2010**, 140, 633-41	3.8	183
63	Identification and expression analysis of kcnh2 genes in the zebrafish. *Biochemical and Biophysical Research Communications*, **2010**, 396, 817-24	3.4	24
62	Mutational analysis of inhibin alpha gene revealed three novel variations in Indian women with premature ovarian failure. *Fertility and Sterility*, **2010**, 94, 90-8	4.8	18
61	Posthumous diagnosis of long QT syndrome from neonatal screening cards. *Heart Rhythm*, **2010**, 7, 481-6	6.7	49
60	FOXL2 copy number changes in the molecular pathogenesis of BPES: unique cohort of 17 deletions. *Human Mutation*, **2010**, 31, E1332-47	4.7	16
59	Characterization of single-nucleotide polymorphisms relevant to inflammatory bowel disease in commonly used gastrointestinal cell lines. *Inflammatory Bowel Diseases*, **2010**, 16, 282-95	4.5	11
58	Progress in the study of genetic disease: bringing new light to complex problems. *Postgraduate Medical Journal*, **2009**, 85, 505-7	2	8
57	Biophysical properties of 9 KCNQ1 mutations associated with long-QT syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2009**, 2, 417-26	6.4	33
56	Misdiagnosis of long QT syndrome as epilepsy at first presentation. *Annals of Emergency Medicine*, **2009**, 54, 26-32	2.1	80
55	Activin is a potent growth suppressor of epithelial ovarian cancer cells. *Cancer Letters*, **2009**, 285, 157-65	9.9	22
54	Investigating the association between inhibin alpha gene promoter polymorphisms and premature ovarian failure. *Fertility and Sterility*, **2009**, 91, 62-6	4.8	30
53	Interactions among genes influencing bacterial recognition increase IBD risk in a population-based New Zealand cohort. *Human Immunology*, **2009**, 70, 440-6	2.3	23
52	Absence of 566C>T mutation in exon 7 of the FSHR gene in Indian women with premature ovarian failure. *International Journal of Gynecology and Obstetrics*, **2009**, 105, 265-6	4	9
51	Sex of bovine embryos may be related to mothersPpreovulatory follicular testosterone. *Biology of Reproduction*, **2008**, 78, 812-5	3.9	68
50	Single nucleotide polymorphisms in human Paneth cell defensin A5 may confer susceptibility to inflammatory bowel disease in a New Zealand Caucasian population. *Digestive and Liver Disease*, **2008**, 40, 723-30	3.3	18
49	Identification of large gene deletions and duplications in KCNQ1 and KCNH2 in patients with long QT syndrome. *Heart Rhythm*, **2008**, 5, 1275-81	6.7	70

48	Gender-stratified analysis of DLG5 R30Q in 4707 patients with Crohn disease and 4973 controls from 12 Caucasian cohorts. *Journal of Medical Genetics*, **2008**, 45, 36-42	5.8	37
47	Long QT and Brugada syndrome gene mutations in New Zealand. *Heart Rhythm*, **2007**, 4, 1306-14	6.7	35
46	Association of DLG5 variants with inflammatory bowel disease in the New Zealand Caucasian population and meta-analysis of the DLG5 R30Q variant. *Inflammatory Bowel Diseases*, **2007**, 13, 1069-76	4.5	18
45	Genome-wide association study identifies novel breast cancer susceptibility loci. *Nature*, **2007**, 447, 1087-93	30.4	1957
44	Genetic variation in human disease and a new role for copy number variants. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 622, 33-41	3.3	28
43	Genes, diet and inflammatory bowel disease. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 622, 70-83	3.3	64
42	Nutrigenomics and gut health: meeting report from an international conference in Auckland, New Zealand, April 30, May 1-3, 2006. *Genes and Nutrition*, **2007**, 2, 157-60	4.3	2
41	Has toll-like receptor 4 been prematurely dismissed as an inflammatory bowel disease gene? Association study combined with meta-analysis shows strong evidence for association. *American Journal of Gastroenterology*, **2007**, 102, 2504-12	0.7	102
40	Brugada syndrome masquerading as febrile seizures. *Pediatrics*, **2007**, 119, e1206-11	7.4	47
39	Functional analysis of the human inhibin alpha subunit variant A257T and its potential role in premature ovarian failure. *Human Reproduction*, **2007**, 22, 3241-8	5.7	40
38	Triallelic single nucleotide polymorphisms and genotyping error in genetic epidemiology studies: MDR1 (ABCB1) G2677/T/A as an example. *Cancer Epidemiology Biomarkers and Prevention*, **2007**, 16, 1185-92	4	45
37	Mutational analysis of betaglycan/TGF-betaRIII in premature ovarian failure. *Fertility and Sterility*, **2007**, 87, 210-2	4.8	15
36	Modeling inflammatory bowel disease: the zebrafish as a way forward. *Expert Review of Molecular Diagnostics*, **2007**, 7, 177-93	3.8	10
35	Expression of TGF-beta1, TGF-beta2, TGF-beta3 and the receptors TGF-betaRI and TGF-betaRII in placentomes of artificially inseminated and nuclear transfer derived bovine pregnancies. *Placenta*, **2006**, 27, 307-16	3.4	13
34	An investigation into FOXE1 polyalanine tract length in premature ovarian failure. *Molecular Human Reproduction*, **2006**, 12, 145-9	4.4	14
33	Mutational analysis of BMP15 and GDF9 as candidate genes for premature ovarian failure. *Fertility and Sterility*, **2006**, 86, 1009-12	4.8	65
32	Mutational screening of FOXO3A and FOXO1A in women with premature ovarian failure. *Fertility and Sterility*, **2006**, 86, 1518-21	4.8	89
31	The genetic basis of premature ovarian failure. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **2006**, 46, 242-4	1.7	78

30	Ovarian reserve tests for predicting fertility outcomes for assisted reproductive technology: the International Systematic Collaboration of Ovarian Reserve Evaluation protocol for a systematic review of ovarian reserve test accuracy. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2006**, 113, 1472-80	3.7	50
29	Ontogeny of AMPA and NMDA receptor gene expression in the developing sheep white matter and cerebral cortex. *Molecular Brain Research*, **2005**, 139, 242-50		11
28	Blepharophimosis and bilateral Duane syndrome associated with a FOXL2 mutation. *Clinical Genetics*, **2005**, 68, 520-3	4	13
27	INHA promoter polymorphisms are associated with premature ovarian failure. *Molecular Human Reproduction*, **2005**, 11, 779-84	4.4	46
26	The case for strategic international alliances to harness nutritional genomics for public and personal health. *British Journal of Nutrition*, **2005**, 94, 623-32	3.6	112
25	Altered placental lactogen and leptin expression in placentomes from bovine nuclear transfer pregnancies. *Biology of Reproduction*, **2004**, 71, 1862-9	3.9	22
24	A novel 30 bp deletion in the FOXL2 gene in a phenotypically normal woman with primary amenorrhoea: case report. *Human Reproduction*, **2004**, 19, 2767-70	5.7	42
23	Epigenetic regulation of inhibin alpha-subunit gene in prostate cancer cell lines. *Journal of Molecular Endocrinology*, **2004**, 32, 55-67	4.5	25
22	SPRASA, a novel sperm protein involved in immune-mediated infertility. *Human Reproduction*, **2004**, 19, 243-9	5.7	18
21	Isolation of genes differentially expressed in dominant and subordinate bovine follicles. *Endocrinology*, **2003**, 144, 3904-13	4.8	35
20	Activity, synthesis, storage, and messenger RNA of cyclooxygenase in intrauterine tissues of guinea pigs near term and during labor. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2003**, 68, 291-8	2.8	2
19	Physical and transcript map of the region between D6S264 and D6S149 on chromosome 6q27, the minimal region of allele loss in sporadic epithelial ovarian cancer. *Oncogene*, **2002**, 21, 387-99	9.2	23
18	Identification of novel mutations in FOXL2 associated with premature ovarian failure. *Molecular Human Reproduction*, **2002**, 8, 729-33	4.4	119
17	Molecular genetics of ovarian cancer. *Molecular Biotechnology*, **2001**, 19, 13-28	3	2
16	Analysis of the TGF beta functional pathway in epithelial ovarian carcinoma. *British Journal of Cancer*, **2001**, 85, 687-91	8.7	24
15	Molecular genetics of ovarian cancer : a technical overview. *Methods in Molecular Medicine*, **2001**, 39, 273-90		
14	Hierarchical mutation screening protocol for the BRCA1 gene. *Human Mutation*, **2000**, 16, 422-30	4.7	2
13	X chromosome defects and premature ovarian failure. *Australian and New Zealand Journal of Medicine*, **2000**, 30, 5-7		16

12	Evaluation of the possible protective role of adeno-associated virus type 2 infection in HPV-associated premalignant disease of the cervix. *Gynecologic Oncology*, **2000**, 78, 342-5	4.9	12
11	Evidence for susceptibility genes to familial Wilms tumour in addition to WT1, FWT1 and FWT2. *British Journal of Cancer*, **2000**, 83, 177-83	8.7	49
10	Inhibin: a candidate gene for premature ovarian failure. *Human Reproduction*, **2000**, 15, 2644-9	5.7	151
9	Role of p53 in drug resistance in ovarian cancer. *Lancet, The*, **1997**, 349, 744-5	40	38
8	Analysis of loss of heterozygosity and KRAS2 mutations in ovarian neoplasms: clinicopathological correlations. *Genes Chromosomes and Cancer*, **1997**, 18, 75-83	5	36
7	An integrated genetic map of Chromosome 6. *Mammalian Genome*, **1996**, 7, 157-9	3.2	7
6	Allele loss on chromosome arm 6q and fine mapping of the region at 6q27 in epithelial ovarian cancer. *Genes Chromosomes and Cancer*, **1996**, 15, 223-33	5	66
5	Localization of an epithelial-specific receptor kinase (EDDR1) to chromosome 6q16. *Genomics*, **1995**, 25, 584-7	4.3	19
4	The genetic analysis of ovarian cancer. *British Journal of Cancer*, **1995**, 72, 521-7	8.7	70
3	AF6 gene on chromosome band 6q27 maps distal to the minimal region of deletion in epithelial ovarian cancer. *Genes Chromosomes and Cancer*, **1995**, 14, 220-2	5	9
2	Fluorescence in situ hybridization analysis using cosmid probes to define chromosome 6q abnormalities in ovarian carcinoma cell lines. *Cancer Genetics and Cytogenetics*, **1994**, 77, 99-105		14
1	pH-Sensitive Nanoparticles Developed and Optimized Using Factorial Design for Oral Delivery of Gliclazide. *Journal of Pharmaceutical Innovation*,1	1.8	1