

# Andrew N Shelling

## List of Publications by Citations

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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	Genome-wide association study identifies novel breast cancer susceptibility loci. <i>Nature</i> , <b>2007</b> , 447, 1087-93	5.34	1957
118	Premature ovarian failure. <i>Reproduction</i> , <b>2010</b> , 140, 633-41	3.8	183
117	Inhibin: a candidate gene for premature ovarian failure. <i>Human Reproduction</i> , <b>2000</b> , 15, 2644-9	5.7	151
116	Predictive and prognostic molecular markers for cancer medicine. <i>Therapeutic Advances in Medical Oncology</i> , <b>2010</b> , 2, 125-48	5.4	138
115	Prospective, population-based long QT molecular autopsy study of postmortem negative sudden death in 1 to 40 year olds. <i>Heart Rhythm</i> , <b>2011</b> , 8, 412-9	6.7	121
114	Identification of novel mutations in FOXL2 associated with premature ovarian failure. <i>Molecular Human Reproduction</i> , <b>2002</b> , 8, 729-33	4.4	119
113	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , <b>2005</b> , 94, 623-32	3.6	112
112	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. <i>American Journal of Gastroenterology</i> , <b>2007</b> , 102, 2504-12	0.7	102
111	Mutational screening of FOXO3A and FOXO1A in women with premature ovarian failure. <i>Fertility and Sterility</i> , <b>2006</b> , 86, 1518-21	4.8	89
110	Misdiagnosis of long QT syndrome as epilepsy at first presentation. <i>Annals of Emergency Medicine</i> , <b>2009</b> , 54, 26-32	2.1	80
109	YB-1, the E2F pathway, and regulation of tumor cell growth. <i>Journal of the National Cancer Institute</i> , <b>2012</b> , 104, 133-46	9.7	79
108	Inhibin and premature ovarian failure. <i>Human Reproduction Update</i> , <b>2010</b> , 16, 39-50	15.8	78
107	The genetic basis of premature ovarian failure. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 46, 242-4	1.7	78
106	Identification of large gene deletions and duplications in KCNQ1 and KCNH2 in patients with long QT syndrome. <i>Heart Rhythm</i> , <b>2008</b> , 5, 1275-81	6.7	70
105	The genetic analysis of ovarian cancer. <i>British Journal of Cancer</i> , <b>1995</b> , 72, 521-7	8.7	70
104	Characterizing nuclear and mitochondrial DNA in spent embryo culture media: genetic contamination identified. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 220-228.e5	4.8	68
103	Sex of bovine embryos may be related to mothers' preovulatory follicular testosterone. <i>Biology of Reproduction</i> , <b>2008</b> , 78, 812-5	3.9	68

102	Allele loss on chromosome arm 6q and fine mapping of the region at 6q27 in epithelial ovarian cancer. <i>Genes Chromosomes and Cancer</i> , <b>1996</b> , 15, 223-33	5	66
101	Mutational analysis of BMP15 and GDF9 as candidate genes for premature ovarian failure. <i>Fertility and Sterility</i> , <b>2006</b> , 86, 1009-12	4.8	65
100	Development of biodegradable PLGA nanoparticles surface engineered with hyaluronic acid for targeted delivery of paclitaxel to triple negative breast cancer cells. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 593-600	8.3	64
99	Genes, diet and inflammatory bowel disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 622, 70-83	3.3	64
98	Nanoparticle therapeutics: Technologies and methods for overcoming cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 97, 140-51	5.7	58
97	The genetics of premature ovarian failure: current perspectives. <i>International Journal of Women's Health</i> , <b>2015</b> , 7, 799-810	2.8	56
96	The transcriptional targets of mutant FOXL2 in granulosa cell tumours. <i>PLoS ONE</i> , <b>2012</b> , 7, e46270	3.7	56
95	Community detection of long QT syndrome with a clinical registry: an alternative to ECG screening programs?. <i>Heart Rhythm</i> , <b>2013</b> , 10, 233-8	6.7	51
94	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. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 113, 1472-80	3.7	50
93	Posthumous diagnosis of long QT syndrome from neonatal screening cards. <i>Heart Rhythm</i> , <b>2010</b> , 7, 481-6.7	6.7	49
92	Evidence for susceptibility genes to familial Wilms tumour in addition to WT1, FWT1 and FWT2. <i>British Journal of Cancer</i> , <b>2000</b> , 83, 177-83	8.7	49
91	Brugada syndrome masquerading as febrile seizures. <i>Pediatrics</i> , <b>2007</b> , 119, e1206-11	7.4	47
90	Single nucleotide polymorphisms in arrhythmia genes modify the risk of cardiac events and sudden death in long QT syndrome. <i>Heart Rhythm</i> , <b>2014</b> , 11, 76-82	6.7	46
89	INHA promoter polymorphisms are associated with premature ovarian failure. <i>Molecular Human Reproduction</i> , <b>2005</b> , 11, 779-84	4.4	46
88	Triallelic single nucleotide polymorphisms and genotyping error in genetic epidemiology studies: MDR1 (ABCB1) G2677/T/A as an example. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 1184-92	4.92	45
87	A novel 30 bp deletion in the FOXL2 gene in a phenotypically normal woman with primary amenorrhoea: case report. <i>Human Reproduction</i> , <b>2004</b> , 19, 2767-70	5.7	42
86	Functional analysis of the human inhibin alpha subunit variant A257T and its potential role in premature ovarian failure. <i>Human Reproduction</i> , <b>2007</b> , 22, 3241-8	5.7	40
85	Role of p53 in drug resistance in ovarian cancer. <i>Lancet, The</i> , <b>1997</b> , 349, 744-5	4.0	38

84	Comparison of responses of human melanoma cell lines to MEK and BRAF inhibitors. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 66	4.5	37
83	Gender-stratified analysis of DLG5 R30Q in 4707 patients with Crohn disease and 4973 controls from 12 Caucasian cohorts. <i>Journal of Medical Genetics</i> , <b>2008</b> , 45, 36-42	5.8	37
82	Analysis of loss of heterozygosity and KRAS2 mutations in ovarian neoplasms: clinicopathological correlations. <i>Genes Chromosomes and Cancer</i> , <b>1997</b> , 18, 75-83	5	36
81	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. <i>Diabetologia</i> , <b>2018</b> , 61, 1603-1613	10.3	35
80	Zebrafish as a model for long QT syndrome: the evidence and the means of manipulating zebrafish gene expression. <i>Acta Physiologica</i> , <b>2010</b> , 199, 257-76	5.6	35
79	Long QT and Brugada syndrome gene mutations in New Zealand. <i>Heart Rhythm</i> , <b>2007</b> , 4, 1306-14	6.7	35
78	Isolation of genes differentially expressed in dominant and subordinate bovine follicles. <i>Endocrinology</i> , <b>2003</b> , 144, 3904-13	4.8	35
77	Nuclear and mitochondrial DNA in blastocoele fluid and embryo culture medium: evidence and potential clinical use. <i>Human Reproduction</i> , <b>2016</b> , 31, 1653-61	5.7	33
76	Biophysical properties of 9 KCNQ1 mutations associated with long-QT syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2009</b> , 2, 417-26	6.4	33
75	Stage I granulosa cell tumours: A management conundrum? Results of long-term follow up. <i>Gynecologic Oncology</i> , <b>2015</b> , 138, 285-91	4.9	32
74	Maternal age and ovarian stimulation independently affect oocyte mtDNA copy number and cumulus cell gene expression in bovine clones. <i>Human Reproduction</i> , <b>2015</b> , 30, 1410-20	5.7	32
73	Investigating the association between inhibin alpha gene promoter polymorphisms and premature ovarian failure. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 62-6	4.8	30
72	Assessing embryo quality by combining non-invasive markers: early time-lapse parameters reflect gene expression in associated cumulus cells. <i>Human Reproduction</i> , <b>2015</b> , 30, 1850-60	5.7	28
71	Genetic variation in human disease and a new role for copy number variants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 622, 33-41	3.3	28
70	A novel EGR-1 dependent mechanism for YB-1 modulation of paclitaxel response in a triple negative breast cancer cell line. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 1157-70	7.5	27
69	The role of FOXL2 in the pathogenesis of adult ovarian granulosa cell tumours. <i>Gynecologic Oncology</i> , <b>2014</b> , 133, 382-7	4.9	26
68	Symptoms and signs associated with syncope in young people with primary cardiac arrhythmias. <i>Heart Lung and Circulation</i> , <b>2011</b> , 20, 593-8	1.8	25
67	Epigenetic regulation of inhibin alpha-subunit gene in prostate cancer cell lines. <i>Journal of Molecular Endocrinology</i> , <b>2004</b> , 32, 55-67	4.5	25

66	Identification and expression analysis of <i>kcnh2</i> genes in the zebrafish. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 396, 817-24	3.4	24
65	Analysis of the TGF beta functional pathway in epithelial ovarian carcinoma. <i>British Journal of Cancer</i> , <b>2001</b> , 85, 687-91	8.7	24
64	Interactions among genes influencing bacterial recognition increase IBD risk in a population-based New Zealand cohort. <i>Human Immunology</i> , <b>2009</b> , 70, 440-6	2.3	23
63	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. <i>Oncogene</i> , <b>2002</b> , 21, 387-99	9.2	23
62	Elevated serum gastrin levels in Jervell and Lange-Nielsen syndrome: a marker of severe KCNQ1 dysfunction?. <i>Heart Rhythm</i> , <b>2011</b> , 8, 551-4	6.7	22
61	Activin is a potent growth suppressor of epithelial ovarian cancer cells. <i>Cancer Letters</i> , <b>2009</b> , 285, 157-65	9.9	22
60	Altered placental lactogen and leptin expression in placentomes from bovine nuclear transfer pregnancies. <i>Biology of Reproduction</i> , <b>2004</b> , 71, 1862-9	3.9	22
59	Dual or multiple drug loaded nanoparticles to target breast cancer stem cells.. <i>RSC Advances</i> , <b>2020</b> , 10, 19089-19105	3.7	21
58	Adult granulosa cell tumours (GCT): clinicopathological outcomes including FOXL2 mutational status and expression. <i>Gynecologic Oncology</i> , <b>2013</b> , 131, 325-9	4.9	20
57	Localization of an epithelial-specific receptor kinase (EDDR1) to chromosome 6q16. <i>Genomics</i> , <b>1995</b> , 25, 584-7	4.3	19
56	FSH receptor gene variants are rarely associated with premature ovarian failure. <i>Reproductive BioMedicine Online</i> , <b>2013</b> , 26, 396-9	4	18
55	Mutational analysis of inhibin alpha gene revealed three novel variations in Indian women with premature ovarian failure. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 90-8	4.8	18
54	Single nucleotide polymorphisms in human Paneth cell defensin A5 may confer susceptibility to inflammatory bowel disease in a New Zealand Caucasian population. <i>Digestive and Liver Disease</i> , <b>2008</b> , 40, 723-30	3.3	18
53	Association of DLG5 variants with inflammatory bowel disease in the New Zealand Caucasian population and meta-analysis of the DLG5 R30Q variant. <i>Inflammatory Bowel Diseases</i> , <b>2007</b> , 13, 1069-76	4.5	18
52	SPRASA, a novel sperm protein involved in immune-mediated infertility. <i>Human Reproduction</i> , <b>2004</b> , 19, 243-9	5.7	18
51	Comparison of growth factor signalling pathway utilisation in cultured normal melanocytes and melanoma cell lines. <i>BMC Cancer</i> , <b>2012</b> , 12, 141	4.8	17
50	Array comparative genomic hybridization for the detection of submicroscopic copy number variations of the X chromosome in women with premature ovarian failure. <i>Human Reproduction</i> , <b>2010</b> , 25, 3159-60; author reply 3160-1	5.7	16
49	FOXL2 copy number changes in the molecular pathogenesis of BPES: unique cohort of 17 deletions. <i>Human Mutation</i> , <b>2010</b> , 31, E1332-47	4.7	16

48	X chromosome defects and premature ovarian failure. <i>Australian and New Zealand Journal of Medicine</i> , <b>2000</b> , 30, 5-7		16
47	New Zealand University students' knowledge of fertility decline in women via natural pregnancy and assisted reproductive technologies. <i>Human Fertility</i> , <b>2015</b> , 18, 208-14	1.9	15
46	MicroRNA profiling of ovarian granulosa cell tumours reveals novel diagnostic and prognostic markers. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 72	7.7	15
45	Oocyte mitochondrial deletions and heteroplasmy in a bovine model of ageing and ovarian stimulation. <i>Molecular Human Reproduction</i> , <b>2016</b> , 22, 261-71	4.4	15
44	Mutational analysis of betaglycan/TGF-betaRIII in premature ovarian failure. <i>Fertility and Sterility</i> , <b>2007</b> , 87, 210-2	4.8	15
43	An investigation into FOXE1 polyalanine tract length in premature ovarian failure. <i>Molecular Human Reproduction</i> , <b>2006</b> , 12, 145-9	4.4	14
42	Fluorescence in situ hybridization analysis using cosmid probes to define chromosome 6q abnormalities in ovarian carcinoma cell lines. <i>Cancer Genetics and Cytogenetics</i> , <b>1994</b> , 77, 99-105		14
41	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. <i>Placenta</i> , <b>2006</b> , 27, 307-16	3.4	13
40	Blepharophimosis and bilateral Duane syndrome associated with a FOXL2 mutation. <i>Clinical Genetics</i> , <b>2005</b> , 68, 520-3	4	13
39	Analysis of association of gene variants with obesity traits in New Zealand European children at 6 years of age. <i>Molecular BioSystems</i> , <b>2017</b> , 13, 1524-1533		12
38	Evaluation of the possible protective role of adeno-associated virus type 2 infection in HPV-associated premalignant disease of the cervix. <i>Gynecologic Oncology</i> , <b>2000</b> , 78, 342-5	4.9	12
37	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. <i>American Journal of Human Genetics</i> , <b>2020</b> , 107, 837-848	11	12
36	Relationships of maternal body mass index and plasma biomarkers with childhood body mass index and adiposity at 6 years: The Children of SCOPE study. <i>Pediatric Obesity</i> , <b>2019</b> , 14, e12537	4.6	11
35	Human Sensory LTP Predicts Memory Performance and Is Modulated by the ValMet Polymorphism. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 22	3.3	11
34	Mutations in inhibin and activin genes associated with human disease. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 359, 113-20	4.4	11
33	Centrosomal dysregulation in human metastatic melanoma cell lines. <i>Cancer Genetics</i> , <b>2011</b> , 204, 477-85	2.3	11
32	Characterization of single-nucleotide polymorphisms relevant to inflammatory bowel disease in commonly used gastrointestinal cell lines. <i>Inflammatory Bowel Diseases</i> , <b>2010</b> , 16, 282-95	4.5	11
31	Ontogeny of AMPA and NMDA receptor gene expression in the developing sheep white matter and cerebral cortex. <i>Molecular Brain Research</i> , <b>2005</b> , 139, 242-50		11

30	Genomic medicine must reduce, not compound, health inequities: the case for hauora-enhancing genomic resources for New Zealand. <i>New Zealand Medical Journal</i> , <b>2018</b> , 131, 81-89	0.8	11
29	Nanoparticulate carriers: an emerging tool for breast cancer therapy. <i>Journal of Drug Targeting</i> , <b>2015</b> , 23, 97-108	5.4	10
28	Comparative study of microRNA regulation on FOXL2 between adult-type and juvenile-type granulosa cell tumours in vitro. <i>Gynecologic Oncology</i> , <b>2013</b> , 129, 209-15	4.9	10
27	Modeling inflammatory bowel disease: the zebrafish as a way forward. <i>Expert Review of Molecular Diagnostics</i> , <b>2007</b> , 7, 177-93	3.8	10
26	Absence of 566C>T mutation in exon 7 of the FSHR gene in Indian women with premature ovarian failure. <i>International Journal of Gynecology and Obstetrics</i> , <b>2009</b> , 105, 265-6	4	9
25	AF6 gene on chromosome band 6q27 maps distal to the minimal region of deletion in epithelial ovarian cancer. <i>Genes Chromosomes and Cancer</i> , <b>1995</b> , 14, 220-2	5	9
24	The role of SPRASA in female fertility. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 452-61	3	8
23	Progress in the study of genetic disease: bringing new light to complex problems. <i>Postgraduate Medical Journal</i> , <b>2009</b> , 85, 505-7	2	8
22	In vivo testing of microRNA-mediated gene knockdown in zebrafish. <i>Journal of Biomedicine and Biotechnology</i> , <b>2012</b> , 2012, 350352		8
21	Ethnic differences in disease presentation of uterine cancer in New Zealand women. <i>Journal of Family Planning and Reproductive Health Care</i> , <b>2012</b> , 38, 239-45		8
20	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. <i>Sleep Medicine</i> , <b>2017</b> , 37, 19-26	4.6	7
19	An integrated genetic map of Chromosome 6. <i>Mammalian Genome</i> , <b>1996</b> , 7, 157-9	3.2	7
18	Expression of a Mutant kcnj2 Gene Transcript in Zebrafish <b>2014</b> , 2014, 1-14		6
17	Nanocarrier systems for delivery of siRNA to ovarian cancer tissues. <i>Expert Opinion on Drug Delivery</i> , <b>2012</b> , 9, 743-54	8	6
16	Nanotechnology-Enabled COVID-19 mRNA Vaccines. <i>Encyclopedia</i> , <b>2021</b> , 1, 773-780		6
15	Re: "Widespread prevalence of a CREBRF variant among Māori and Pacific children is associated with weight and height in early childhood". <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1389-1391	5.5	5
14	Expression of a Mutant kcnj2 Gene Transcript in Zebrafish <b>2013</b> , 2013, 324839		5
13	A Predictor of Early Disease Recurrence in Patients With Breast Cancer Using a Cell-free RNA and Protein Liquid Biopsy. <i>Clinical Breast Cancer</i> , <b>2020</b> , 20, 108-116	3	5

12	Gene-by-Activity Interactions on Obesity Traits of 6-Year-Old New Zealand European Children: A Children of SCOPE Study. <i>Pediatric Exercise Science</i> , <b>2018</b> , 30, 69-80	2	4
11	NOS1AP Polymorphisms Modify QTc Interval Duration But Not Cardiac Arrest Risk in Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 1346-51	2.7	3
10	Gene expression profiling of breast tumours from New Zealand patients. <i>New Zealand Medical Journal</i> , <b>2017</b> , 130, 40-56	0.8	3
9	Multimodal Assessment of Estrogen Receptor mRNA Profiles to Quantify Estrogen Pathway Activity in Breast Tumors. <i>Clinical Breast Cancer</i> , <b>2017</b> , 17, 139-153	3	2
8	SPACA3 gene variants in a New Zealand cohort of infertile and fertile couples. <i>Human Fertility</i> , <b>2014</b> , 17, 106-13	1.9	2
7	Nutrigenomics and gut health: meeting report from an international conference in Auckland, New Zealand, April 30, May 1-3, 2006. <i>Genes and Nutrition</i> , <b>2007</b> , 2, 157-60	4.3	2
6	Activity, synthesis, storage, and messenger RNA of cyclooxygenase in intrauterine tissues of guinea pigs near term and during labor. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2003</b> , 68, 291-8	2.8	2
5	Molecular genetics of ovarian cancer. <i>Molecular Biotechnology</i> , <b>2001</b> , 19, 13-28	3	2
4	Hierarchical mutation screening protocol for the BRCA1 gene. <i>Human Mutation</i> , <b>2000</b> , 16, 422-30	4.7	2
3	pH-Sensitive Nanoparticles Developed and Optimized Using Factorial Design for Oral Delivery of Gliclazide. <i>Journal of Pharmaceutical Innovation</i> , 1	1.8	1
2	Molecular genetics of ovarian cancer : a technical overview. <i>Methods in Molecular Medicine</i> , <b>2001</b> , 39, 273-90		
1	The futility of fertility research? Barriers to embryo research in New Zealand. <i>New Zealand Medical Journal</i> , <b>2018</b> , 131, 63-70	0.8	