Francine Durocher

List of Publications by Citations

245 papers	14,455 citations	59 h-index	114 g-index
252 ext. papers	17,377 ext. citations	8 avg, IF	5.41 L-index

#	Paper	IF	Citations
245	Large-scale genotyping identifies 41 new loci associated with breast cancer risk. *Nature Genetics*, **2013**, 45, 353-61, 361e1-2	36.3	813
244	Association analysis identifies 65 new breast cancer risk loci. *Nature*, **2017**, 551, 92-94	50.4	643
243	A candidate prostate cancer susceptibility gene at chromosome 17p. *Nature Genetics*, **2001**, 27, 172-80	36.3	469
242	Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer. *Nature Genetics*, **2013**, 45, 371-84, 384e1-2	36.3	422
241	Pathology of breast and ovarian cancers among BRCA1 and BRCA2 mutation carriers: results from the Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA). *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 134-47	4	411
240	Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. *Nature Genetics*, **2015**, 47, 373-80	36.3	406
239	Is dehydroepiandrosterone a hormone?. *Journal of Endocrinology*, **2005**, 187, 169-96	4.7	368
238	Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. *American Journal of Human Genetics*, **2019**, 104, 21-34	11	363
237	Genome-wide association studies identify four ER negative-specific breast cancer risk loci. *Nature Genetics*, **2013**, 45, 392-8, 398e1-2	36.3	327
236	Association of type and location of BRCA1 and BRCA2 mutations with risk of breast and ovarian cancer. *JAMA - Journal of the American Medical Association*, **2015**, 313, 1347-61	27.4	286
235	Common origins of BRCA1 mutations in Canadian breast and ovarian cancer families. *Nature Genetics*, **1994**, 8, 392-8	36.3	285
234	A locus on 19p13 modifies risk of breast cancer in BRCA1 mutation carriers and is associated with hormone receptor-negative breast cancer in the general population. *Nature Genetics*, **2010**, 42, 885-92	36.3	276
233	DHEA and its transformation into androgens and estrogens in peripheral target tissues: intracrinology. *Frontiers in Neuroendocrinology*, **2001**, 22, 185-212	8.9	267
232	17beta-hydroxysteroid dehydrogenase (HSD)/17-ketosteroid reductase (KSR) family; nomenclature and main characteristics of the 17HSD/KSR enzymes. *Journal of Molecular Endocrinology*, **1999**, 23, 1-11	4.5	263
231	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226
230	The emergence of an ethical duty to disclose genetic research results: international perspectives. *European Journal of Human Genetics*, **2006**, 14, 1170-8	5.3	221
229	Common breast cancer-predisposition alleles are associated with breast cancer risk in BRCA1 and BRCA2 mutation carriers. *American Journal of Human Genetics*, **2008**, 82, 937-48	11	218

228	RAD51 135G-->C modifies breast cancer risk among BRCA2 mutation carriers: results from a combined analysis of 19 studies. *American Journal of Human Genetics*, **2007**, 81, 1186-200	11	204
227	BOADICEA: a comprehensive breast cancer risk prediction model incorporating genetic and nongenetic risk factors. *Genetics in Medicine*, **2019**, 21, 1708-1718	8.1	192
226	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. *Nature Genetics*, **2017**, 49, 680-691	36.3	190
225	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. *Nature Genetics*, **2017**, 49, 1767-1778	36.3	186
224	The OncoArray Consortium: A Network for Understanding the Genetic Architecture of Common Cancers. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 126-135	4	183
223	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. *Nature Genetics*, **2015**, 47, 164-71	36.3	177
222	The extent of linkage disequilibrium in four populations with distinct demographic histories. *American Journal of Human Genetics*, **2000**, 67, 1544-54	11	170
221	Functional variants at the 11q13 risk locus for breast cancer regulate cyclin D1 expression through long-range enhancers. *American Journal of Human Genetics*, **2013**, 92, 489-503	11	167
220	Effect of chest X-rays on the risk of breast cancer among BRCA1/2 mutation carriers in the international BRCA1/2 carrier cohort study: a report from the EMBRACE, GENEPSO, GEO-HEBON, and IBCCS CollaboratorsNGroup. *Journal of Clinical Oncology*, **2006**, 24, 3361-6	2.2	150
219	EM-652 (SCH 57068), a third generation SERM acting as pure antiestrogen in the mammary gland and endometrium. *Journal of Steroid Biochemistry and Molecular Biology*, **1999**, 69, 51-84	5.1	149
218	Common breast cancer susceptibility alleles and the risk of breast cancer for BRCA1 and BRCA2 mutation carriers: implications for risk prediction. *Cancer Research*, **2010**, 70, 9742-54	10.1	147
217	Breast Cancer Risk Genes - Association Analysis in More than 113,000 Women. *New England Journal of Medicine*, **2021**, 384, 428-439	59.2	143
216	Mutational spectrum in a worldwide study of 29,700 families with BRCA1 or BRCA2 mutations. *Human Mutation*, **2018**, 39, 593-620	4.7	138
215	(S)-(+)-4-[7-(2,2-dimethyl-1-oxopropoxy)-4-methyl-2-[4-[2-(1-piperidinyl)-ethoxy]phenyl]-2H-1-benzopyran-3-yl]-phenyl 2,2-dimethylpropanoate (EM-800): a highly potent, specific, and orally active nonsteroidal antiestrogen. *Journal of Medicinal Chemistry*, **1997**, 40, 2117-22	8.3	131
214	A combined genomewide linkage scan of 1,233 families for prostate cancer-susceptibility genes conducted by the international consortium for prostate cancer genetics. *American Journal of Human Genetics*, **2005**, 77, 219-29	11	129
213	PALB2, CHEK2 and ATM rare variants and cancer risk: data from COGS. *Journal of Medical Genetics*, **2016**, 53, 800-811	5.8	121
212	p300/CBP is required for transcriptional induction by interleukin-4 and interacts with Stat6. *Nucleic Acids Research*, **1999**, 27, 2722-9	20.1	113
211	Linkage analysis of chromosome 1q markers in 136 prostate cancer families. The Cancer Research Campaign/British Prostate Group U.K. Familial Prostate Cancer Study Collaborators. *American Journal of Human Genetics*, **1998**, 62, 653-8	11	112

210	Reproductive and hormonal factors, and ovarian cancer risk for BRCA1 and BRCA2 mutation carriers: results from the International BRCA1/2 Carrier Cohort Study. *Cancer Epidemiology Biomarkers and Prevention*, **2009**, 18, 601-10	4	110
209	Role of 17 beta-hydroxysteroid dehydrogenases in sex steroid formation in peripheral intracrine tissues. *Trends in Endocrinology and Metabolism*, **2000**, 11, 421-7	8.8	109
208	Genome-Wide Meta-Analyses of Breast, Ovarian, and Prostate Cancer Association Studies Identify Multiple New Susceptibility Loci Shared by at Least Two Cancer Types. *Cancer Discovery*, **2016**, 6, 1052-67	24.4	104
207	Prediction of Breast and Prostate Cancer Risks in Male BRCA1 and BRCA2 Mutation Carriers Using Polygenic Risk Scores. *Journal of Clinical Oncology*, **2017**, 35, 2240-2250	2.2	101
206	A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. *Nature Genetics*, **2018**, 50, 968-978	36.3	101
205	No association between androgen or vitamin D receptor gene polymorphisms and risk of breast cancer. *Carcinogenesis*, **1999**, 20, 2131-5	4.6	96
204	Breast cancer risk variants at 6q25 display different phenotype associations and regulate ESR1, RMND1 and CCDC170. *Nature Genetics*, **2016**, 48, 374-86	36.3	93
203	Common variants in LSP1, 2q35 and 8q24 and breast cancer risk for BRCA1 and BRCA2 mutation carriers. *Human Molecular Genetics*, **2009**, 18, 4442-56	5.6	91
202	Identification of a BRCA2-specific modifier locus at 6p24 related to breast cancer risk. *PLoS Genetics*, **2013**, 9, e1003173	6	90
201	Comparison of BRCA1 polymorphisms, rare sequence variants and/or missense mutations in unaffected and breast/ovarian cancer populations. *Human Molecular Genetics*, **1996**, 5, 835-42	5.6	81
200	Fine-scale mapping of the FGFR2 breast cancer risk locus: putative functional variants differentially bind FOXA1 and E2F1. *American Journal of Human Genetics*, **2013**, 93, 1046-60	11	80
199	Genetically Predicted Body Mass Index and Breast Cancer Risk: Mendelian Randomization Analyses of Data from 145,000 Women of European Descent. *PLoS Medicine*, **2016**, 13, e1002105	11.6	80
198	GATA factors and the nuclear receptors, steroidogenic factor 1/liver receptor homolog 1, are key mutual partners in the regulation of the human 3beta-hydroxysteroid dehydrogenase type 2 promoter. *Molecular Endocrinology*, **2005**, 19, 2358-70		78
197	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. *Nature Genetics*, **2020**, 52, 572-581	36.3	76
196	Relationship between glutathione S-transferase M1, P1 and T1 polymorphisms and early onset prostate cancer. *Pharmacogenetics and Genomics*, **2001**, 11, 325-30		72
195	Prostate cancer susceptibility genes: lessons learned and challenges posed. *Endocrine-Related Cancer*, **2003**, 10, 225-59	5.7	71
194	Association of specific LDL receptor gene mutations with differential plasma lipoprotein response to simvastatin in young French Canadians with heterozygous familial hypercholesterolemia. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1998**, 18, 1007-12	9.4	71
193	New Insight into the Molecular Basis of 3´-Hydroxysteroid Dehydrogenase Deficiency: Identification of Eight Mutations in the HSD3B2 Gene in Eleven Patients from Seven New Families and Comparison of the Functional Properties of Twenty-Five Mutant Enzymes. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 4410-4425	5.6	71

192	Personalized early detection and prevention of breast cancer: ENVISION consensus statement. *Nature Reviews Clinical Oncology*, **2020**, 17, 687-705	19.4	64
191	BRCA1 and BRCA2 mutation predictions using the BOADICEA and BRCAPRO models and penetrance estimation in high-risk French-Canadian families. *Breast Cancer Research*, **2006**, 8, R3	8.3	64
190	Incorporating truncating variants in PALB2, CHEK2, and ATM into the BOADICEA breast cancer risk model. *Genetics in Medicine*, **2016**, 18, 1190-1198	8.1	64
189	Common alleles at 6q25.1 and 1p11.2 are associated with breast cancer risk for BRCA1 and BRCA2 mutation carriers. *Human Molecular Genetics*, **2011**, 20, 3304-21	5.6	62
188	The human type II 17 beta-hydroxysteroid dehydrogenase gene encodes two alternatively spliced mRNA species. *DNA and Cell Biology*, **1995**, 14, 849-61	3.6	61
187	Polymorphisms in the human aromatase cytochrome P450 gene (CYP19) and breast cancer risk. *Carcinogenesis*, **2000**, 21, 189-93	4.6	60
186	Fine-scale mapping of the 5q11.2 breast cancer locus reveals at least three independent risk variants regulating MAP3K1. *American Journal of Human Genetics*, **2015**, 96, 5-20	11	59
185	Evaluation of BRCA1 and BRCA2 mutation prevalence, risk prediction models and a multistep testing approach in French-Canadian families with high risk of breast and ovarian cancer. *Journal of Medical Genetics*, **2007**, 44, 107-21	5.8	58
184	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. *Nature Genetics*, **2020**, 52, 56-73	36.3	56
183	The Tumor Suppressor PALB2: Inside Out. *Trends in Biochemical Sciences*, **2019**, 44, 226-240	10.3	56
182	Characterization of the effects of the novel non-steroidal antiestrogen EM-800 on basal and estrogen-induced proliferation of T-47D, ZR-75-1 and MCF-7 human breast cancer cells in vitro. *International Journal of Cancer*, **1997**, 73, 104-12	7.5	53
181	Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis. *International Journal of Epidemiology*, **2019**, 48, 795-806	7.8	52
180	Congenital adrenal hyperplasia due to 3beta-hydroxysteroid dehydrogenase/Delta(5)-Delta(4) isomerase deficiency. *Seminars in Reproductive Medicine*, **2002**, 20, 255-76	1.4	51
179	Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. *Human Molecular Genetics*, **2014**, 23, 6096-111	5.6	48
178	Induction of 3´-Hydroxysteroid Dehydrogenase/´5-´4 Isomerase Type 1 Gene Transcription in Human Breast Cancer Cell Lines and in Normal Mammary Epithelial Cells by Interleukin-4 and Interleukin-13. *Molecular Endocrinology*, **1999**, 13, 66-81		46
177	Novel Associations between Common Breast Cancer Susceptibility Variants and Risk-Predicting Mammographic Density Measures. *Cancer Research*, **2015**, 75, 2457-67	10.1	45
176	Common variants at the 19p13.1 and ZNF365 loci are associated with ER subtypes of breast cancer and ovarian cancer risk in BRCA1 and BRCA2 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 645-57	4	44
175	Are ATM mutations 7271T-->G and IVS10-6T-->G really high-risk breast cancer-susceptibility alleles?. *Cancer Research*, **2004**, 64, 840-3	10.1	44

174	Molecular and genealogical characterization of the R1443X BRCA1 mutation in high-risk French-Canadian breast/ovarian cancer families. *Human Genetics*, **2005**, 117, 119-32	6.3	44
173	No Evidence of BRCA1/2 genomic rearrangements in high-risk French-Canadian breast/ovarian cancer families. *Genetic Testing and Molecular Biomarkers*, **2006**, 10, 104-15		43
172	Evidence that the 5p12 Variant rs10941679 Confers Susceptibility to Estrogen-Receptor-Positive Breast Cancer through FGF10 and MRPS30 Regulation. *American Journal of Human Genetics*, **2016**, 99, 903-911	11	43
171	EM-652 (SCH57068), a pure SERM having complete antiestrogenic activity in the mammary gland and endometrium. *Journal of Steroid Biochemistry and Molecular Biology*, **2001**, 79, 213-25	5.1	40
170	Response of Symbiotic Endomycorrhizal Fungi to Estrogens and Antiestrogens. *Molecular Plant-Microbe Interactions*, **1997**, 10, 481-487	3.6	39
169	Generation of a transcription map at the HSD17B locus centromeric to BRCA1 at 17q21. *Genomics*, **1995**, 28, 530-42	4.3	39
168	Genetic predisposition to in situ and invasive lobular carcinoma of the breast. *PLoS Genetics*, **2014**, 10, e1004285	6	38
167	Mutation analysis and characterization of ATR sequence variants in breast cancer cases from high-risk French Canadian breast/ovarian cancer families. *BMC Cancer*, **2006**, 6, 230	4.8	38
166	Crucial role of cytokines in sex steroid formation in normal and tumoral tissues. *Molecular and Cellular Endocrinology*, **2001**, 171, 25-40	4.4	38
165	MicroRNA related polymorphisms and breast cancer risk. *PLoS ONE*, **2014**, 9, e109973	3.7	37
164	Genetic variation at 9p22.2 and ovarian cancer risk for BRCA1 and BRCA2 mutation carriers. *Journal of the National Cancer Institute*, **2011**, 103, 105-16	9.7	37
163	Factors associated with an individual's decision to withdraw from genetic testing for breast and ovarian cancer susceptibility: implications for counseling. *Genetic Testing and Molecular Biomarkers*, **2007**, 11, 45-54		37
162	Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. *Human Molecular Genetics*, **2015**, 24, 2966-84	5.6	36
161	Genetic sequence variations of BRCA1-interacting genes AURKA, BAP1, BARD1 and DHX9 in French Canadian families with high risk of breast cancer. *Journal of Human Genetics*, **2009**, 54, 152-61	4.3	36
160	Identification and characterization of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. *Human Molecular Genetics*, **2015**, 24, 285-98	5.6	35
159	Comparison of in vitro effects of the pure antiandrogens OH-flutamide, Casodex, and nilutamide on androgen-sensitive parameters. *Urology*, **1997**, 49, 580-6; discussion 586-9	1.6	35
158	Polygenic risk scores and breast and epithelial ovarian cancer risks for carriers of BRCA1 and BRCA2 pathogenic variants. *Genetics in Medicine*, **2020**, 22, 1653-1666	8.1	34
157	DNA glycosylases involved in base excision repair may be associated with cancer risk in BRCA1 and BRCA2 mutation carriers. *PLoS Genetics*, **2014**, 10, e1004256	6	33

156	Personalized medicine and access to health care: potential for inequitable access?. *European Journal of Human Genetics*, **2013**, 21, 143-7	5.3	33
155	Mutational analysis of the breast cancer susceptibility gene BRIP1 /BACH1/FANCJ in high-risk non-BRCA1/BRCA2 breast cancer families. *Journal of Human Genetics*, **2008**, 53, 579	4.3	33
154	A Transcriptome-Wide Association Study Among 97,898 Women to Identify Candidate Susceptibility Genes for Epithelial Ovarian Cancer Risk. *Cancer Research*, **2018**, 78, 5419-5430	10.1	32
153	Association of the variants CASP8 D302H and CASP10 V410I with breast and ovarian cancer risk in BRCA1 and BRCA2 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 2859-68	4	32
152	Variations in the NBN/NBS1 gene and the risk of breast cancer in non-BRCA1/2 French Canadian families with high risk of breast cancer. *BMC Cancer*, **2009**, 9, 181	4.8	32
151	Synergistic action of prolactin (PRL) and androgen on PRL-inducible protein gene expression in human breast cancer cells: a unique model for functional cooperation between signal transducer and activator of transcription-5 and androgen receptor. *Molecular Endocrinology*, **2002**, 16, 1696-710		32
150	Life insurance: genomic stratification and risk classification. *European Journal of Human Genetics*, **2014**, 22, 575-9	5.3	31
149	Ovarian cancer susceptibility alleles and risk of ovarian cancer in BRCA1 and BRCA2 mutation carriers. *Human Mutation*, **2012**, 33, 690-702	4.7	31
148	Health behaviors and psychological distress in women initiating BRCA1/2 genetic testing: comparison with control population. *Journal of Genetic Counseling*, **2008**, 17, 314-26	2.5	31
147	Mutation analysis of the BRCA1 gene in 23 families with cases of cancer of the breast, ovary, and multiple other sites. *Journal of Medical Genetics*, **1996**, 33, 814-9	5.8	30
146	The Importance of Breast Adipose Tissue in Breast Cancer. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	30
145	Adiposity, breast density, and breast cancer risk: epidemiological and biological considerations. *European Journal of Cancer Prevention*, **2017**, 26, 511-520	2	29
144	Genome-wide association study of germline variants and breast cancer-specific mortality. *British Journal of Cancer*, **2019**, 120, 647-657	8.7	28
143	A large-scale assessment of two-way SNP interactions in breast cancer susceptibility using 46,450 cases and 42,461 controls from the breast cancer association consortium. *Human Molecular Genetics*, **2014**, 23, 1934-46	5.6	28
142	Regulation of sex steroid formation by interleukin-4 and interleukin-6 in breast cancer cells. *Journal of Steroid Biochemistry and Molecular Biology*, **1998**, 65, 151-62	5.1	28
141	A Novel A10E Homozygous Mutation in the HSD3B2 Gene Causing Severe Salt-Wasting 3´-Hydroxysteroid Dehydrogenase Deficiency in 46,XX and 46,XY French-Canadians: Evaluation of Gonadal Function after Puberty. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 1968-1974	5.6	27
140	Polymorphisms in a Putative Enhancer at the 10q21.2 Breast Cancer Risk Locus Regulate NRBF2 Expression. *American Journal of Human Genetics*, **2015**, 97, 22-34	11	26
139	Assessing associations between the AURKA-HMMR-TPX2-TUBG1 functional module and breast cancer risk in BRCA1/2 mutation carriers. *PLoS ONE*, **2015**, 10, e0120020	3.7	26

138	AURKA F31I polymorphism and breast cancer risk in BRCA1 and BRCA2 mutation carriers: a consortium of investigators of modifiers of BRCA1/2 study. *Cancer Epidemiology Biomarkers and Prevention*, **2007**, 16, 1416-21	4	26
137	Glucocorticoids enhance activation of the human type II 3beta-hydroxysteroid dehydrogenase/Delta5-Delta4 isomerase gene. *Journal of Steroid Biochemistry and Molecular Biology*, **2002**, 82, 55-63	5.1	26
136	Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. *International Journal of Cancer*, **2016**, 139, 1303-1317	7.5	26
135	Characterization of the Cancer Spectrum in Men With Germline BRCA1 and BRCA2 Pathogenic Variants: Results From the Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA). *JAMA Oncology*, **2020**, 6, 1218-1230	13.4	25
134	Association of PHB 1630 C>T and MTHFR 677 C>T polymorphisms with breast and ovarian cancer risk in BRCA1/2 mutation carriers: results from a multicenter study. *British Journal of Cancer*, **2012**, 106, 2016-24	8.7	25
133	Structure-function relationships and molecular genetics of the 3 beta-hydroxysteroid dehydrogenase gene family. *Journal of Steroid Biochemistry and Molecular Biology*, **1995**, 55, 489-505	5.1	25
132	Inherited mutations in and in an unselected multiethnic cohort of Asian patients with breast cancer and healthy controls from Malaysia. *Journal of Medical Genetics*, **2018**, 55, 97-103	5.8	24
131	An intergenic risk locus containing an enhancer deletion in 2q35 modulates breast cancer risk by deregulating IGFBP5 expression. *Human Molecular Genetics*, **2016**, 25, 3863-3876	5.6	24
130	Identification of new genetic susceptibility loci for breast cancer through consideration of gene-environment interactions. *Genetic Epidemiology*, **2014**, 38, 84-93	2.6	24
129	The AIB1 polyglutamine repeat does not modify breast cancer risk in BRCA1 and BRCA2 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2006**, 15, 76-9	4	24
128	Characterization of a novel mutation causing hepatic lipase deficiency among French Canadians. *Journal of Lipid Research*, **2003**, 44, 1508-14	6.3	24
127	Mapping of the HSD17B2 gene encoding type II 17 beta-hydroxysteroid dehydrogenase close to D16S422 on chromosome 16q24.1-q24.2. *Genomics*, **1995**, 25, 724-6	4.3	24
126	Evaluation of the contribution of the three breast cancer susceptibility genes CHEK2, STK11, and PALB2 in non-BRCA1/2 French Canadian families with high risk of breast cancer. *Genetic Testing and Molecular Biomarkers*, **2010**, 14, 515-26	1.6	23
125	Germline mutations in the breast cancer susceptibility gene PTEN are rare in high-risk non-BRCA1/2 French Canadian breast cancer families. *Familial Cancer*, **2007**, 6, 483-90	3	23
124	Temporal analysis of E2 transcriptional induction of PTP and MKP and downregulation of IGF-I pathway key components in the mouse uterus. *Physiological Genomics*, **2007**, 29, 13-23	3.6	23
123	Characterization and modulation of sex steroid metabolizing activity in normal human keratinocytes in primary culture and HaCaT cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2003**, 87, 167-79	5.1	23
122	Association of Genomic Domains in and with Prostate Cancer Risk and Aggressiveness. *Cancer Research*, **2020**, 80, 624-638	10.1	22
121	Polymorphic variations in the FANCA gene in high-risk non-BRCA1/2 breast cancer individuals from the French Canadian population. *Molecular Oncology*, **2013**, 7, 85-100	7.9	22

120	A global functional analysis of missense mutations reveals two major hotspots in the PALB2 tumor suppressor. *Nucleic Acids Research*, **2019**, 47, 10662-10677	20.1	22
119	The Role of Methylation in Breast Cancer Susceptibility and Treatment. *Anticancer Research*, **2015**, 35, 4569-74	2.3	22
118	Family communication following BRCA1/2 genetic testing: a close look at the process. *Journal of Genetic Counseling*, **2013**, 22, 323-35	2.5	21
117	Common variants of the BRCA1 wild-type allele modify the risk of breast cancer in BRCA1 mutation carriers. *Human Molecular Genetics*, **2011**, 20, 4732-47	5.6	21
116	Parallel solid-phase synthesis of a model library of 7alpha-alkylamide estradiol derivatives as potential estrogen receptor antagonists. *Bioorganic and Medicinal Chemistry Letters*, **1999**, 9, 2827-32	2.9	21
115	Association of breast cancer risk with genetic variants showing differential allelic expression: Identification of a novel breast cancer susceptibility locus at 4q21. *Oncotarget*, **2016**, 7, 80140-80163	3.3	21
114	Candidate genetic modifiers for breast and ovarian cancer risk in BRCA1 and BRCA2 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 308-16	4	20
113	On the readiness of physicians for pharmacogenomics testing: an empirical assessment. *Pharmacogenomics Journal*, **2018**, 18, 308-318	3.5	20
112	FGF receptor genes and breast cancer susceptibility: results from the Breast Cancer Association Consortium. *British Journal of Cancer*, **2014**, 110, 1088-100	8.7	20
111	A nonsynonymous polymorphism in IRS1 modifies risk of developing breast and ovarian cancers in BRCA1 and ovarian cancer in BRCA2 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 1362-70	4	20
110	High risk genes predisposing to prostate cancer development-do they exist?. *Prostate Cancer and Prostatic Diseases*, **2000**, 3, 241-247	6.2	20
109	Multiple signal transduction pathways mediate interleukin-4-induced 3beta-hydroxysteroid dehydrogenase/Delta5-Delta4 isomerase in normal and tumoral target tissues. *Journal of Steroid Biochemistry and Molecular Biology*, **2001**, 76, 213-25	5.1	20
108	Fine mapping of low-density lipoprotein receptor gene by genetic linkage on chromosome 19p13.1-p13.3 and study of the founder effect of four French Canadian low-density lipoprotein receptor gene mutations. *Atherosclerosis*, **1999**, 143, 145-51	3.1	20
107	Functional characterization of 84 PALB2 variants of uncertain significance. *Genetics in Medicine*, **2020**, 22, 622-632	8.1	20
106	SNP-SNP interaction analysis of NF-**B** signaling pathway on breast cancer survival. *Oncotarget*, **2015**, 6, 37979-94	3.3	19
105	Identification of a gene signature for different stages of breast cancer development that could be used for early diagnosis and specific therapy. *Oncotarget*, **2018**, 9, 37407-37420	3.3	19
104	RAD51B in Familial Breast Cancer. *PLoS ONE*, **2016**, 11, e0153788	3.7	18
103	Prevalence of BRCA1 and BRCA2 pathogenic variants in a large, unselected breast cancer cohort. *International Journal of Cancer*, **2019**, 144, 1195-1204	7.5	18

102	Fine-scale mapping of the 4q24 locus identifies two independent loci associated with breast cancer risk. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1680-91	4	17
101	The TP53 Arg72Pro and MDM2 309G>T polymorphisms are not associated with breast cancer risk in BRCA1 and BRCA2 mutation carriers. *British Journal of Cancer*, **2009**, 101, 1456-60	8.7	17
100	Genetic variants and haplotype analyses of the ZBRK1/ZNF350 gene in high-risk non BRCA1/2 French Canadian breast and ovarian cancer families. *International Journal of Cancer*, **2008**, 122, 108-16	7.5	17
99	A Mendelian randomization analysis of circulating lipid traits and breast cancer risk. *International Journal of Epidemiology*, **2020**, 49, 1117-1131	7.8	17
98	A new insight into the molecular basis of 3beta-hydroxysteroid dehydrogenase deficiency. *Endocrine Research*, **2000**, 26, 761-70	1.9	16
97	Breast Cancer Treatments: Updates and New Challenges. *Journal of Personalized Medicine*, **2021**, 11,	3.6	16
96	No clinical utility of KRAS variant rs61764370 for ovarian or breast cancer. *Gynecologic Oncology*, **2016**, 141, 386-401	4.9	15
95	Association of breast cancer risk in BRCA1 and BRCA2 mutation carriers with genetic variants showing differential allelic expression: identification of a modifier of breast cancer risk at locus 11q22.3. *Breast Cancer Research and Treatment*, **2017**, 161, 117-134	4.4	15
94	Association of genetic susceptibility variants for type 2 diabetes with breast cancer risk in women of European ancestry. *Cancer Causes and Control*, **2016**, 27, 679-93	2.8	15
93	Machine learning analysis identifies genes differentiating triple negative breast cancers. *Scientific Reports*, **2020**, 10, 10464	4.9	14
92	A focus group study on breast cancer risk presentation: one format does not fit all. *European Journal of Human Genetics*, **2013**, 21, 719-24	5.3	14
91	Breast and ovarian cancer screening of non-carriers from BRCA1/2 mutation-positive families: 2-year follow-up of cohorts from France and Quebec. *European Journal of Human Genetics*, **2011**, 19, 494-9	5.3	14
90	Genetic linkage mapping of the CYP11A1 gene encoding the cholesterol side-chain cleavage P450scc close to the CYP1A1 gene and D15S204 in the chromosome 15q22.33-q23 region. *Pharmacogenetics and Genomics*, **1998**, 8, 49-53		14
89	Genetic linkage mapping of the human steroid 5 alpha-reductase type 2 gene (SRD5A2) close to D2S352 on chromosome region 2p23-->p22. *Cytogenetic and Genome Research*, **1996**, 73, 304-7	1.9	14
88	Mendelian randomisation study of height and body mass index as modifiers of ovarian cancer risk in 22,588 BRCA1 and BRCA2 mutation carriers. *British Journal of Cancer*, **2019**, 121, 180-192	8.7	13
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