Katherine L Nathanson

List of Publications by Citations

343 papers	25,504 citations	81 h-index	153 g-index
363 ext. papers	30,522 ext. citations	10.1 avg, IF	6.39 L-index

#	Paper	IF	Citations
343	Clinical efficacy of a RAF inhibitor needs broad target blockade in BRAF-mutant melanoma. *Nature*, **2010**, 467, 596-9	50.4	1379
342	The tuberous sclerosis complex. *New England Journal of Medicine*, **2006**, 355, 1345-56	59.2	1328
341	Acquired resistance to BRAF inhibitors mediated by a RAF kinase switch in melanoma can be overcome by cotargeting MEK and IGF-1R/PI3K. *Cancer Cell*, **2010**, 18, 683-95	24.3	1007
340	Low-penetrance susceptibility to breast cancer due to CHEK2(*)1100delC in noncarriers of BRCA1 or BRCA2 mutations. *Nature Genetics*, **2002**, 31, 55-9	36.3	863
339	T-cell invigoration to tumour burden ratio associated with anti-PD-1 response. *Nature*, **2017**, 545, 60-65	50.4	850
338	Gene-panel sequencing and the prediction of breast-cancer risk. *New England Journal of Medicine*, **2015**, 372, 2243-57	59.2	587
337	Rare cell variability and drug-induced reprogramming as a mode of cancer drug resistance. *Nature*, **2017**, 546, 431-435	50.4	544
336	Network modeling links breast cancer susceptibility and centrosome dysfunction. *Nature Genetics*, **2007**, 39, 1338-49	36.3	516
335	Cancer risk estimates for BRCA1 mutation carriers identified in a risk evaluation program. *Journal of the National Cancer Institute*, **2002**, 94, 1365-72	9.7	498
334	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
333	PTEN loss confers BRAF inhibitor resistance to melanoma cells through the suppression of BIM expression. *Cancer Research*, **2011**, 71, 2750-60	10.1	419
332	HIF-alpha effects on c-Myc distinguish two subtypes of sporadic VHL-deficient clear cell renal carcinoma. *Cancer Cell*, **2008**, 14, 435-46	24.3	384
331	Metastatic potential of melanomas defined by specific gene expression profiles with no BRAF signature. *Pigment Cell & Melanoma Research*, **2006**, 19, 290-302		378
330	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. *Cancer Cell*, **2017**, 31, 181-193	24.3	350
329	A functional genomic approach identifies FAL1 as an oncogenic long noncoding RNA that associates with BMI1 and represses p21 expression in cancer. *Cancer Cell*, **2014**, 26, 344-357	24.3	303
328	Common variation in KITLG and at 5q31.3 predisposes to testicular germ cell cancer. *Nature Genetics*, **2009**, 41, 811-5	36.3	294
327	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

326	A single dose of neoadjuvant PD-1 blockade predicts clinical outcomes in resectable melanoma. *Nature Medicine*, **2019**, 25, 454-461	50.5	283
325	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
324	Phase I trial of hydroxychloroquine with dose-intense temozolomide in patients with advanced solid tumors and melanoma. *Autophagy*, **2014**, 10, 1369-79	10.2	253
323	Increased cyclin D1 expression can mediate BRAF inhibitor resistance in BRAF V600E-mutated melanomas. *Molecular Cancer Therapeutics*, **2008**, 7, 2876-83	6.1	246
322	Two decades after BRCA: setting paradigms in personalized cancer care and prevention. *Science*, **2014**, 343, 1466-70	33.3	233
321	Molecular Stratification of Clear Cell Renal Cell Carcinoma by Consensus Clustering Reveals Distinct Subtypes and Survival Patterns. *Genes and Cancer*, **2010**, 1, 152-163	2.9	230
320	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
319	ENIGMA--evidence-based network for the interpretation of germline mutant alleles: an international initiative to evaluate risk and clinical significance associated with sequence variation in BRCA1 and BRCA2 genes. *Human Mutation*, **2012**, 33, 2-7	4.7	211
318	Genome-wide association study in BRCA1 mutation carriers identifies novel loci associated with breast and ovarian cancer risk. *PLoS Genetics*, **2013**, 9, e1003212	6	209
317	A recurrent germline PAX5 mutation confers susceptibility to pre-B cell acute lymphoblastic leukemia. *Nature Genetics*, **2013**, 45, 1226-1231	36.3	205
316	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
315	Counselling framework for moderate-penetrance cancer-susceptibility mutations. *Nature Reviews Clinical Oncology*, **2016**, 13, 581-8	19.4	200
314	Integrated Molecular Characterization of Testicular Germ Cell Tumors. *Cell Reports*, **2018**, 23, 3392-3406	10.6	200
313	Pheochromocytoma: the expanding genetic differential diagnosis. *Journal of the National Cancer Institute*, **2003**, 95, 1196-204	9.7	199
312	The mitogen-activated protein/extracellular signal-regulated kinase kinase inhibitor AZD6244 (ARRY-142886) induces growth arrest in melanoma cells and tumor regression when combined with docetaxel. *Clinical Cancer Research*, **2008**, 14, 230-9	12.9	197
311	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. *Nature Genetics*, **2013**, 45, 690-6	36.3	192
310	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. *Nature Genetics*, **2017**, 49, 680-691	36.3	190
309	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. *Nature Genetics*, **2017**, 49, 1767-1778	36.3	186

308	Measurements of tumor cell autophagy predict invasiveness, resistance to chemotherapy, and survival in melanoma. *Clinical Cancer Research*, **2011**, 17, 3478-89	12.9	184
307	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. *Nature Genetics*, **2015**, 47, 164-71	36.3	177
306	The Y deletion gr/gr and susceptibility to testicular germ cell tumor. *American Journal of Human Genetics*, **2005**, 77, 1034-43	11	172
305	HIF2alpha inhibition promotes p53 pathway activity, tumor cell death, and radiation responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 14391-6	11.5	156
304	Inherited mutations in pheochromocytoma and paraganglioma: why all patients should be offered genetic testing. *Annals of Surgical Oncology*, **2013**, 20, 1444-50	3.1	153
303	Uterine Cancer After Risk-Reducing Salpingo-oophorectomy Without Hysterectomy in Women With BRCA Mutations. *JAMA Oncology*, **2016**, 2, 1434-1440	13.4	151
302	Tumor genetic analyses of patients with metastatic melanoma treated with the BRAF inhibitor dabrafenib (GSK2118436). *Clinical Cancer Research*, **2013**, 19, 4868-78	12.9	145
301	Pheochromocytoma and paraganglioma: understanding the complexities of the genetic background. *Cancer Genetics*, **2012**, 205, 1-11	2.3	142
300	Opposing Functions of Interferon Coordinate Adaptive and Innate Immune Responses to Cancer Immune Checkpoint Blockade. *Cell*, **2019**, 178, 933-948.e14	56.2	141
299	Concurrent MEK2 mutation and BRAF amplification confer resistance to BRAF and MEK inhibitors in melanoma. *Cell Reports*, **2013**, 4, 1090-9	10.6	141
298	BRCA locus-specific loss of heterozygosity in germline BRCA1 and BRCA2 carriers. *Nature Communications*, **2017**, 8, 319	17.4	139
297	Mutational spectrum in a worldwide study of 29,700 families with BRCA1 or BRCA2 mutations. *Human Mutation*, **2018**, 39, 593-620	4.7	138
296	Screening for genomic rearrangements in families with breast and ovarian cancer identifies BRCA1 mutations previously missed by conformation-sensitive gel electrophoresis or sequencing. *American Journal of Human Genetics*, **2000**, 67, 841-50	11	136
295	Cancer Risks Associated With Germline Pathogenic Variants: An International Study of 524 Families. *Journal of Clinical Oncology*, **2020**, 38, 674-685	2.2	133
294	Meta-analysis identifies four new loci associated with testicular germ cell tumor. *Nature Genetics*, **2013**, 45, 680-5	36.3	132
293	Variants at 6q21 implicate PRDM1 in the etiology of therapy-induced second malignancies after Hodgkin's lymphoma. *Nature Medicine*, **2011**, 17, 941-3	50.5	128
292	Von Hippel-Lindau and Hereditary Pheochromocytoma/Paraganglioma Syndromes: Clinical Features, Genetics, and Surveillance Recommendations in Childhood. *Clinical Cancer Research*, **2017**, 23, e68-e75	12.9	127
291	Genome-wide linkage screen for testicular germ cell tumour susceptibility loci. *Human Molecular Genetics*, **2006**, 15, 443-51	5.6	127

290	Association of HPC2/ELAC2 genotypes and prostate cancer. *American Journal of Human Genetics*, **2000**, 67, 1014-9	11	121
289	Biallelic TSC gene inactivation in tuberous sclerosis complex. *Neurology*, **2010**, 74, 1716-23	6.5	116
288	Whole-exome sequencing identifies somatic ATRX mutations in pheochromocytomas and paragangliomas. *Nature Communications*, **2015**, 6, 6140	17.4	115
287	Molecular profiling of patient-matched brain and extracranial melanoma metastases implicates the PI3K pathway as a therapeutic target. *Clinical Cancer Research*, **2014**, 20, 5537-46	12.9	115
286	A Population-Based Study of Genes Previously Implicated in Breast Cancer. *New England Journal of Medicine*, **2021**, 384, 440-451	59.2	115
285	A second independent locus within DMRT1 is associated with testicular germ cell tumor susceptibility. *Human Molecular Genetics*, **2011**, 20, 3109-17	5.6	114
284	Conflicting Interpretation of Genetic Variants and Cancer Risk by Commercial Laboratories as Assessed by the Prospective Registry of Multiplex Testing. *Journal of Clinical Oncology*, **2016**, 34, 4071-4078	2.2	110
283	Factors determining dissemination of results and uptake of genetic testing in families with known BRCA1/2 mutations. *Genetic Testing and Molecular Biomarkers*, **2008**, 12, 81-91		107
282	Biallelic deleterious BRCA1 mutations in a woman with early-onset ovarian cancer. *Cancer Discovery* , **2013**, 3, 399-405	24.4	106
281	Variants in CHEK2 other than 1100delC do not make a major contribution to breast cancer susceptibility. *American Journal of Human Genetics*, **2003**, 72, 1023-8	11	104
280	Prevalence of mutations in a panel of breast cancer susceptibility genes in BRCA1/2-negative patients with early-onset breast cancer. *Genetics in Medicine*, **2015**, 17, 630-8	8.1	101
279	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
278	A genome wide linkage search for breast cancer susceptibility genes. *Genes Chromosomes and Cancer*, **2006**, 45, 646-55	5	100
277	Determination of cancer risk associated with germ line BRCA1 missense variants by functional analysis. *Cancer Research*, **2007**, 67, 1494-501	10.1	98
276	Phase II Trial of Temozolomide and Sorafenib in Advanced Melanoma Patients with or without Brain Metastases. *Clinical Cancer Research*, **2009**, 15, 7711-7718	12.9	95
275	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
274	Hereditary kidney cancer syndromes. *Advances in Chronic Kidney Disease*, **2014**, 21, 81-90	4.7	93
273	Active Notch1 confers a transformed phenotype to primary human melanocytes. *Cancer Research*, **2009**, 69, 5312-20	10.1	93

272	The relative contribution of point mutations and genomic rearrangements in BRCA1 and BRCA2 in high-risk breast cancer families. *Cancer Research*, **2008**, 68, 7006-14	10.1	92
271	Personalized Preclinical Trials in BRAF Inhibitor-Resistant Patient-Derived Xenograft Models Identify Second-Line Combination Therapies. *Clinical Cancer Research*, **2016**, 22, 1592-602	12.9	91
270	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
269	Application of a BRAF pyrosequencing assay for mutation detection and copy number analysis in malignant melanoma. *Journal of Molecular Diagnostics*, **2007**, 9, 464-71	5.1	91
268	Identification of a BRCA2-specific modifier locus at 6p24 related to breast cancer risk. *PLoS Genetics*, **2013**, 9, e1003173	6	90
267	A Comprehensive Patient-Derived Xenograft Collection Representing the Heterogeneity of Melanoma. *Cell Reports*, **2017**, 21, 1953-1967	10.6	89
266	Evaluation of ACMG-Guideline-Based Variant Classification of Cancer Susceptibility and Non-Cancer-Associated Genes in Families Affected by Breast Cancer. *American Journal of Human Genetics*, **2016**, 98, 801-817	11	86
265	Meta-analysis of five genome-wide association studies identifies multiple new loci associated with testicular germ cell tumor. *Nature Genetics*, **2017**, 49, 1141-1147	36.3	85
264	Refined histopathological predictors of BRCA1 and BRCA2 mutation status: a large-scale analysis of breast cancer characteristics from the BCAC, CIMBA, and ENIGMA consortia. *Breast Cancer Research* , **2014**, 16, 3419	8.3	82
263	PALB2 mutations in familial breast and pancreatic cancer. *Familial Cancer*, **2011**, 10, 225-31	3	82
262	Identification of a novel subgroup of melanomas with KIT/cyclin-dependent kinase-4 overexpression. *Cancer Research*, **2008**, 68, 5743-52	10.1	79
261	The contribution of pathogenic variants in breast cancer susceptibility genes to familial breast cancer risk. *Npj Breast Cancer*, **2017**, 3, 22	7.8	78
260	Recommendations for Cancer Surveillance in Individuals with RASopathies and Other Rare Genetic Conditions with Increased Cancer Risk. *Clinical Cancer Research*, **2017**, 23, e83-e90	12.9	77
259	A classification model for BRCA2 DNA binding domain missense variants based on homology-directed repair activity. *Cancer Research*, **2013**, 73, 265-75	10.1	77
258	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
257	Care of adults with neurofibromatosis type 1: a clinical practice resource of the American College of Medical Genetics and Genomics (ACMG). *Genetics in Medicine*, **2018**, 20, 671-682	8.1	74
256	The novel SMAC mimetic birinapant exhibits potent activity against human melanoma cells. *Clinical Cancer Research*, **2013**, 19, 1784-94	12.9	74
255	Common genetic variants and modification of penetrance of BRCA2-associated breast cancer. *PLoS Genetics*, **2010**, 6, e1001183	6	74

254	Interplay between BRCA1 and RHAMM regulates epithelial apicobasal polarization and may influence risk of breast cancer. *PLoS Biology*, **2011**, 9, e1001199	9.7	73
253	Frequent genetic abnormalities of the PI3K/AKT pathway in primary ovarian cancer predict patient outcome. *Genes Chromosomes and Cancer*, **2011**, 50, 606-18	5	72
252	Comprehensive characterization of the DNA amplification at 13q34 in human breast cancer reveals TFDP1 and CUL4A as likely candidate target genes. *Breast Cancer Research*, **2009**, 11, R86	8.3	68
251	BRCA2 Polymorphic Stop Codon K3326X and the Risk of Breast, Prostate, and Ovarian Cancers. *Journal of the National Cancer Institute*, **2016**, 108,	9.7	65
250	Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. *Nature Communications*, **2016**, 7, 11375	17.4	64
249	Evaluation of linkage of breast cancer to the putative BRCA3 locus on chromosome 13q21 in 128 multiple case families from the Breast Cancer Linkage Consortium. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 827-31	11.5	64
248	Population Frequency of Germline BRCA1/2 Mutations. *Journal of Clinical Oncology*, **2016**, 34, 4183-4185	2.2	64
247	A genome-wide association study of breast cancer in women of African ancestry. *Human Genetics*, **2013**, 132, 39-48	6.3	63
246	Cancer Screening Recommendations and Clinical Management of Inherited Gastrointestinal Cancer Syndromes in Childhood. *Clinical Cancer Research*, **2017**, 23, e107-e114	12.9	62
245	Common breast cancer susceptibility alleles are associated with tumour subtypes in BRCA1 and BRCA2 mutation carriers: results from the Consortium of Investigators of Modifiers of BRCA1/2. *Breast Cancer Research*, **2011**, 13, R110	8.3	62
244	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
243	Restricted expression of miR-30c-2-3p and miR-30a-3p in clear cell renal cell carcinomas enhances HIF2 activity. *Cancer Discovery*, **2014**, 4, 53-60	24.4	61
242	BRCA1 and BRCA2 mutation frequency in women evaluated in a breast cancer risk evaluation clinic. *Journal of Clinical Oncology*, **2002**, 20, 994-9	2.2	61
241	Development of a tiered and binned genetic counseling model for informed consent in the era of multiplex testing for cancer susceptibility. *Genetics in Medicine*, **2015**, 17, 485-92	8.1	60
240	Genetic subgrouping of melanoma reveals new opportunities for targeted therapy. *Cancer Research*, **2009**, 69, 3241-4	10.1	60
239	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. *PLoS Genetics*, **2017**, 13, e1006719	6	60
238	Platinum response characteristics of patients with pancreatic ductal adenocarcinoma and a germline BRCA1, BRCA2 or PALB2 mutation. *British Journal of Cancer*, **2020**, 122, 333-339	8.7	60
237	Evaluation of 19 susceptibility loci of breast cancer in women of African ancestry. *Carcinogenesis*, **2012**, 33, 835-40	4.6	59

236	The APCI1307K allele and breast cancer risk. *Nature Genetics*, **1998**, 20, 13-4	36.3	59
235	Cancer cell lines as genetic models of their parent histology: analyses based on array comparative genomic hybridization. *Cancer Research*, **2007**, 67, 3594-600	10.1	58
234	A comparison of DNA copy number profiling platforms. *Cancer Research*, **2007**, 67, 10173-80	10.1	58
233	Adjusting the estimated proportion of breast cancer cases associated with BRCA1 and BRCA2 mutations: public health implications. *Genetics in Medicine*, **2005**, 7, 28-33	8.1	58
232	Male breast cancer in BRCA1 and BRCA2 mutation carriers: pathology data from the Consortium of Investigators of Modifiers of BRCA1/2. *Breast Cancer Research*, **2016**, 18, 15	8.3	58
231	Common variants associated with breast cancer in genome-wide association studies are modifiers of breast cancer risk in BRCA1 and BRCA2 mutation carriers. *Human Molecular Genetics*, **2010**, 19, 2886-97	5.6	56
230	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. *Nature Genetics*, **2020**, 52, 56-73	36.3	56
229	Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breast-ovarian cancer susceptibility locus. *Nature Communications*, **2016**, 7, 12675	17.4	53
228	Testicular germ cell tumor susceptibility associated with the UCK2 locus on chromosome 1q23. *Human Molecular Genetics*, **2013**, 22, 2748-53	5.6	53
227	Large scale multifactorial likelihood quantitative analysis of BRCA1 and BRCA2 variants: An ENIGMA resource to support clinical variant classification. *Human Mutation*, **2019**, 40, 1557-1578	4.7	52
226	Integrative genomic analyses of sporadic clear cell renal cell carcinoma define disease subtypes and potential new therapeutic targets. *Cancer Research*, **2012**, 72, 112-21	10.1	51
225	A patient-derived-xenograft platform to study BRCA-deficient ovarian cancers. *JCI Insight*, **2017**, 2, e89760	9.1	49
224	The anti-melanoma activity of dinaciclib, a cyclin-dependent kinase inhibitor, is dependent on p53 signaling. *PLoS ONE*, **2013**, 8, e59588	3.7	48
223	Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. *Nature Communications*, **2019**, 10, 1741	17.4	47
222	Tumor Immunity and Survival as a Function of Alternative Neopeptides in Human Cancer. *Cancer Immunology Research*, **2018**, 6, 276-287	12.5	46
221	Associations of common breast cancer susceptibility alleles with risk of breast cancer subtypes in BRCA1 and BRCA2 mutation carriers. *Breast Cancer Research*, **2014**, 16, 3416	8.3	46
220	Shared heritability and functional enrichment across six solid cancers. *Nature Communications*, **2019**, 10, 431	17.4	45
219	Arginase 2 Suppresses Renal Carcinoma Progression via Biosynthetic Cofactor Pyridoxal Phosphate Depletion and Increased Polyamine Toxicity. *Cell Metabolism*, **2018**, 27, 1263-1280.e6	24.6	45

218	Genetic and Genomic Characterization of 462 Melanoma Patient-Derived Xenografts, Tumor Biopsies, and Cell Lines. *Cell Reports*, **2017**, 21, 1936-1952	10.6	45
217	The role of KRAS rs61764370 in invasive epithelial ovarian cancer: implications for clinical testing. *Clinical Cancer Research*, **2011**, 17, 3742-50	12.9	45
216	Patient feedback and early outcome data with a novel tiered-binned model for multiplex breast cancer susceptibility testing. *Genetics in Medicine*, **2016**, 18, 25-33	8.1	44
215	Modification of BRCA1-Associated Breast and Ovarian Cancer Risk by BRCA1-Interacting Genes. *Cancer Research*, **2011**, 71, 5792-805	10.1	44
214	Identification of intragenic deletions and duplication in the FLCN gene in Birt-Hogg-Dub syndrome. *Genes Chromosomes and Cancer*, **2011**, 50, 466-77	5	44
213	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
212	A multicenter study of cancer incidence in CHEK2 1100delC mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, **2006**, 15, 2542-5	4	44
211	Multiple Endocrine Neoplasia and Hyperparathyroid-Jaw Tumor Syndromes: Clinical Features, Genetics, and Surveillance Recommendations in Childhood. *Clinical Cancer Research*, **2017**, 23, e123-e132	12.9	43
210	Immunotherapy at large: the road to personalized cancer vaccines. *Nature Medicine*, **2013**, 19, 1098-100	50.5	41
209	Common breast cancer risk variants in the post-COGS era: a comprehensive review. *Breast Cancer Research*, **2013**, 15, 212	8.3	41
208	Genetic variation in insulin-like growth factor signaling genes and breast cancer risk among BRCA1 and BRCA2 carriers. *Breast Cancer Research*, **2009**, 11, R76	8.3	41
207	Uncommon Filaggrin Variants Are Associated with Persistent Atopic Dermatitis in African Americans. *Journal of Investigative Dermatology*, **2018**, 138, 1501-1506	4.3	39
206	The molecular biology of renal cell carcinoma. *Seminars in Oncology*, **2013**, 40, 421-8	5.5	39
205	Genomic Signatures Predict the Immunogenicity of BRCA-Deficient Breast Cancer. *Clinical Cancer Research*, **2019**, 25, 4363-4374	12.9	38
204	Risk of metachronous breast cancer after BRCA mutation-associated ovarian cancer. *Cancer*, **2013**, 119, 1344-8	6.4	37
203	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
202	Points to consider for reporting of germline variation in patients undergoing tumor testing: a statement of the American College of Medical Genetics and Genomics (ACMG). *Genetics in Medicine*, **2020**, 22, 1142-1148	8.1	35
201	The International Testicular Cancer Linkage Consortium: a clinicopathologic descriptive analysis of 461 familial malignant testicular germ cell tumor kindred. *Urologic Oncology: Seminars and Original Investigations*, **2010**, 28, 492-9	2.8	35

200	Expression of sorafenib targets in melanoma patients treated with carboplatin, paclitaxel and sorafenib. *Clinical Cancer Research*, **2009**, 15, 1076-85	12.9	35
199	Successful use of alternate waste nitrogen agents and hemodialysis in a patient with hyperammonemic coma after heart-lung transplantation. *Archives of Neurology*, **1999**, 56, 481-4		35
198	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
197	Genome-wide association studies in women of African ancestry identified 3q26.21 as a novel susceptibility locus for oestrogen receptor negative breast cancer. *Human Molecular Genetics*, **2016**, 25, 4835-4846	5.6	34
196	CODEX2: full-spectrum copy number variation detection by high-throughput DNA sequencing. *Genome Biology*, **2018**, 19, 202	18.3	34
195	Phase II Study of Maintenance Rucaparib in Patients With Platinum-Sensitive Advanced Pancreatic Cancer and a Pathogenic Germline or Somatic Variant in , , or. *Journal of Clinical Oncology*, **2021**, 39, 2497-2505	2.2	34
194	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. *Nature Communications*, **2020**, 11, 3353	17.4	32
193	Immune activation and a 9-year ongoing complete remission following CD40 antibody therapy and metastasectomy in a patient with metastatic melanoma. *Cancer Immunology Research*, **2014**, 2, 1051-8	12.5	32
192	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
191	Absence of evidence for a familial breast cancer susceptibility gene at chromosome 8p12-p22. *Oncogene*, **2000**, 19, 4170-3	9.2	32
190	Ovarian cancer susceptibility alleles and risk of ovarian cancer in BRCA1 and BRCA2 mutation carriers. *Human Mutation*, **2012**, 33, 690-702	4.7	31
189	Analysis of the DND1 gene in men with sporadic and familial testicular germ cell tumors. *Genes Chromosomes and Cancer*, **2008**, 47, 247-52	5	31
188	Correlation of somatic mutations and clinical outcome in melanoma patients treated with Carboplatin, Paclitaxel, and sorafenib. *Clinical Cancer Research*, **2014**, 20, 3328-37	12.9	30
187	A Recurrent ERCC3 Truncating Mutation Confers Moderate Risk for Breast Cancer. *Cancer Discovery* , **2016**, 6, 1267-1275	24.4	30
186	A practical guide for evaluating gonadal germ cell tumor predisposition in differences of sex development. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2017**, 175, 304-314	3.1	29
185	A functionally significant SNP in TP53 and breast cancer risk in African-American women. *Npj Breast Cancer*, **2017**, 3, 5	7.8	29
184	Copy Number Changes Are Associated with Response to Treatment with Carboplatin, Paclitaxel, and Sorafenib in Melanoma. *Clinical Cancer Research*, **2016**, 22, 374-82	12.9	28
183	Therapeutic approaches for women predisposed to breast cancer. *Annual Review of Medicine*, **2011**, 62, 295-306	17.4	28

182	Using genetics and genomics strategies to personalize therapy for cancer: focus on melanoma. *Biochemical Pharmacology*, **2010**, 80, 755-61	6	28
181	Estrogen receptor status could modulate the genomic pattern in familial and sporadic breast cancer. *Clinical Cancer Research*, **2007**, 13, 7305-13	12.9	28
180	Modification of ovarian cancer risk by BRCA1/2-interacting genes in a multicenter cohort of BRCA1/2 mutation carriers. *Cancer Research*, **2009**, 69, 5801-10	10.1	27
179	Functional characterization of a multi-cancer risk locus on chr5p15.33 reveals regulation of TERT by ZNF148. *Nature Communications*, **2017**, 8, 15034	17.4	26
178	Genomic Biomarkers for Breast Cancer Risk. *Advances in Experimental Medicine and Biology*, **2016**, 882, 1-32	3.6	26
177	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
176	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
175	Muscle oxidative phosphorylation quantitation using creatine chemical exchange saturation transfer (CrCEST) MRI in mitochondrial disorders. *JCI Insight*, **2016**, 1, e88207	9.9	26
174	Contribution of Germline Predisposition Gene Mutations to Breast Cancer Risk in African American Women. *Journal of the National Cancer Institute*, **2020**, 112, 1213-1221	9.7	25
173	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
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