Christoph Engel

List of Publications by Citations

271 papers	18,657 citations	61 h-index	133 g-index
289 ext. papers	23,406 ext. citations	7.2 avg, IF	5.46 L-index

#	Paper	IF	Citations
271	Intensive insulin therapy and pentastarch resuscitation in severe sepsis. *New England Journal of Medicine*, **2008**, 358, 125-39	59.2	3602
270	Risks of Breast, Ovarian, and Contralateral Breast Cancer for BRCA1 and BRCA2 Mutation Carriers. *JAMA - Journal of the American Medical Association*, **2017**, 317, 2402-2416	27.4	1140
269	Association analysis identifies 65 new breast cancer risk loci. *Nature*, **2017**, 551, 92-94	50.4	643
268	Germline mutations in breast and ovarian cancer pedigrees establish RAD51C as a human cancer susceptibility gene. *Nature Genetics*, **2010**, 42, 410-4	36.3	540
267	Revised guidelines for the clinical management of Lynch syndrome (HNPCC): recommendations by a group of European experts. *Gut*, **2013**, 62, 812-23	19.2	500
266	Epidemiology of sepsis in Germany: results from a national prospective multicenter study. *Intensive Care Medicine*, **2007**, 33, 606-18	14.5	444
265	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
264	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
263	Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. *American Journal of Human Genetics*, **2019**, 104, 21-34	11	363
262	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
261	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
260	Contralateral breast cancer risk in BRCA1 and BRCA2 mutation carriers. *Journal of Clinical Oncology*, **2009**, 27, 5887-92	2.2	241
259	Expanded extracolonic tumor spectrum in MUTYH-associated polyposis. *Gastroenterology*, **2009**, 137, 1976-85.e1-10	13.3	238
258	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
257	Risks of less common cancers in proven mutation carriers with lynch syndrome. *Journal of Clinical Oncology*, **2012**, 30, 4409-15	2.2	214
256	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
255	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

254	Lower incidence of colorectal cancer and later age of disease onset in 27 families with pathogenic MSH6 germline mutations compared with families with MLH1 or MSH2 mutations: the German Hereditary Nonpolyposis Colorectal Cancer Consortium. *Journal of Clinical Oncology*, **2004**, 22, 4486-94	2.2	202
253	Acute renal failure in patients with severe sepsis and septic shock--a significant independent risk factor for mortality: results from the German Prevalence Study. *Nephrology Dialysis Transplantation* , **2008**, 23, 904-9	4.3	194
252	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. *Nature Genetics*, **2017**, 49, 680-691	36.3	190
251	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. *Nature Genetics*, **2017**, 49, 1767-1778	36.3	186
250	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. *Nature Genetics*, **2015**, 47, 164-71	36.3	177
249	Sleep quality in the general population: psychometric properties of the Pittsburgh Sleep Quality Index, derived from a German community sample of 9284 people. *Sleep Medicine*, **2017**, 30, 57-63	4.6	176
248	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
247	The LIFE-Adult-Study: objectives and design of a population-based cohort study with 10,000 deeply phenotyped adults in Germany. *BMC Public Health*, **2015**, 15, 691	4.1	164
246	Cancer risks by gene, age, and gender in 6350 carriers of pathogenic mismatch repair variants: findings from the Prospective Lynch Syndrome Database. *Genetics in Medicine*, **2020**, 22, 15-25	8.1	164
245	Effect of Sodium Selenite Administration and Procalcitonin-Guided Therapy on Mortality in Patients With Severe Sepsis or Septic Shock: A Randomized Clinical Trial. *JAMA Internal Medicine*, **2016**, 176, 1266-76	11.5	163
244	HNPCC-associated small bowel cancer: clinical and molecular characteristics. *Gastroenterology*, **2005**, 128, 590-9	13.3	154
243	Effect of empirical treatment with moxifloxacin and meropenem vs meropenem on sepsis-related organ dysfunction in patients with severe sepsis: a randomized trial. *JAMA - Journal of the American Medical Association*, **2012**, 307, 2390-9	27.4	150
242	Effect of Hydrocortisone on Development of Shock Among Patients With Severe Sepsis: The HYPRESS Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2016**, 316, 1775-1785	27.4	150
241	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
240	Breast Cancer Risk Genes - Association Analysis in More than 113,000 Women. *New England Journal of Medicine*, **2021**, 384, 428-439	59.2	143
239	Mutational spectrum in a worldwide study of 29,700 families with BRCA1 or BRCA2 mutations. *Human Mutation*, **2018**, 39, 593-620	4.7	138
238	Cancer Risks Associated With Germline Pathogenic Variants: An International Study of 524 Families. *Journal of Clinical Oncology*, **2020**, 38, 674-685	2.2	133
237	The effect of a novel extracorporeal cytokine hemoadsorption device on IL-6 elimination in septic patients: A randomized controlled trial. *PLoS ONE*, **2017**, 12, e0187015	3.7	126

236	Efficacy of annual colonoscopic surveillance in individuals with hereditary nonpolyposis colorectal cancer. *Clinical Gastroenterology and Hepatology*, **2010**, 8, 174-82	6.9	126
235	Practice and perception--a nationwide survey of therapy habits in sepsis. *Critical Care Medicine*, **2008**, 36, 2719-25	1.4	124
234	Genotype-phenotype comparison of German MLH1 and MSH2 mutation carriers clinically affected with Lynch syndrome: a report by the German HNPCC Consortium. *Journal of Clinical Oncology*, **2006**, 24, 4285-92	2.2	123
233	Impact of compliance with infection management guidelines on outcome in patients with severe sepsis: a prospective observational multi-center study. *Critical Care*, **2014**, 18, R42	10.8	122
232	Prevalence of BRCA1/2 germline mutations in 21 401 families with breast and ovarian cancer. *Journal of Medical Genetics*, **2016**, 53, 465-71	5.8	114
231	The role of HPV RNA transcription, immune response-related gene expression and disruptive TP53 mutations in diagnostic and prognostic profiling of head and neck cancer. *International Journal of Cancer*, **2015**, 137, 2846-57	7.5	109
230	Current practice in nutritional support and its association with mortality in septic patients--results from a national, prospective, multicenter study. *Critical Care Medicine*, **2008**, 36, 1762-7	1.4	106
229	Cancer Risks for PMS2-Associated Lynch Syndrome. *Journal of Clinical Oncology*, **2018**, 36, 2961-2968	2.2	102
228	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
227	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
226	Spectrum and frequencies of mutations in MSH2 and MLH1 identified in 1,721 German families suspected of hereditary nonpolyposis colorectal cancer. *International Journal of Cancer*, **2005**, 116, 692-702	7.5	101
225	19p13.1 is a triple-negative-specific breast cancer susceptibility locus. *Cancer Research*, **2012**, 72, 1795-803	10.1	93
224	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
223	The risk of contralateral breast cancer in patients from BRCA1/2 negative high risk families as compared to patients from BRCA1 or BRCA2 positive families: a retrospective cohort study. *Breast Cancer Research*, **2012**, 14, R156	8.3	86
222	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
221	BRCA1 R1699Q variant displaying ambiguous functional abrogation confers intermediate breast and ovarian cancer risk. *Journal of Medical Genetics*, **2012**, 49, 525-32	5.8	82
220	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
219	PatientsQperception of postoperative pain management: validation of the International Pain Outcomes (IPO) questionnaire. *Journal of Pain*, **2013**, 14, 1361-70	5.2	80

218	Novel strategy for optimal sequential application of clinical criteria, immunohistochemistry and microsatellite analysis in the diagnosis of hereditary nonpolyposis colorectal cancer. *International Journal of Cancer*, **2006**, 118, 115-22	7.5	80
217	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
216	Evaluating the performance of the breast cancer genetic risk models BOADICEA, IBIS, BRCAPRO and Claus for predicting BRCA1/2 mutation carrier probabilities: a study based on 7352 families from the German Hereditary Breast and Ovarian Cancer Consortium. *Journal of Medical Genetics*, **2013**, 50, 360-7	5.8	76
215	Effect of a multifaceted educational intervention for anti-infectious measures on sepsis mortality: a cluster randomized trial. *Intensive Care Medicine*, **2017**, 43, 1602-1612	14.5	74
214	Gene panel testing of 5589 BRCA1/2-negative index patients with breast cancer in a routine diagnostic setting: results of the German Consortium for Hereditary Breast and Ovarian Cancer. *Cancer Medicine*, **2018**, 7, 1349-1358	4.8	71
213	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
212	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
211	No Difference in Colorectal Cancer Incidence or Stage at Detection by Colonoscopy Among 3 Countries With Different Lynch Syndrome Surveillance Policies. *Gastroenterology*, **2018**, 155, 1400-1409.e2	13.3	62
210	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
209	Association between TAS2R38 gene polymorphisms and colorectal cancer risk: a case-control study in two independent populations of Caucasian origin. *PLoS ONE*, **2011**, 6, e20464	3.7	57
208	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
207	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. *Nature Genetics*, **2020**, 52, 56-73	36.3	56
206	Validation of the German version of the Mediterranean Diet Adherence Screener (MEDAS) questionnaire. *BMC Cancer*, **2017**, 17, 341	4.8	55
205	Association Between Loss-of-Function Mutations Within the FANCM Gene and Early-Onset Familial Breast Cancer. *JAMA Oncology*, **2017**, 3, 1245-1248	13.4	55
204	Automatic control of pressure support for ventilator weaning in surgical intensive care patients. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 637-44	10.2	54
203	Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breast-ovarian cancer susceptibility locus. *Nature Communications*, **2016**, 7, 12675	17.4	53
202	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
201	High-risk breast cancer surveillance with MRI: 10-year experience from the German consortium for hereditary breast and ovarian cancer. *Breast Cancer Research and Treatment*, **2019**, 175, 217-228	4.4	52

200	Hereditary nonpolyposis colorectal cancer (HNPCC)/Lynch syndrome. *Deutsches Ärzteblatt International*, **2013**, 110, 32-8	2.5	52
199	Ovarian and Breast Cancer Risks Associated With Pathogenic Variants in RAD51C and RAD51D. *Journal of the National Cancer Institute*, **2020**, 112, 1242-1250	9.7	51
198	Activating ERBB2/HER2 mutations indicate susceptibility to pan-HER inhibitors in Lynch and Lynch-like colorectal cancer. *Gut*, **2016**, 65, 1296-305	19.2	49
197	Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. *Nature Communications*, **2019**, 10, 1741	17.4	47
196	BRIP1 loss-of-function mutations confer high risk for familial ovarian cancer, but not familial breast cancer. *Breast Cancer Research*, **2018**, 20, 7	8.3	47
195	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
194	Performance of in silico prediction tools for the classification of rare BRCA1/2 missense variants in clinical diagnostics. *BMC Medical Genomics*, **2018**, 11, 35	3.7	44
193	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
192	Prevalence of pathogenic BRCA1/2 germline mutations among 802 women with unilateral triple-negative breast cancer without family cancer history. *BMC Cancer*, **2018**, 18, 265	4.8	43
191	A computational model of human granulopoiesis to simulate the hematotoxic effects of multicycle polychemotherapy. *Blood*, **2004**, 104, 2323-31	2.2	43
190	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. *Ophthalmology*, **2018**, 125, 1526-1536	7.3	41
189	Eating Behaviour in the General Population: An Analysis of the Factor Structure of the German Version of the Three-Factor-Eating-Questionnaire (TFEQ) and Its Association with the Body Mass Index. *PLoS ONE*, **2015**, 10, e0133977	3.7	40
188	Reference intervals for leukocyte subsets in adults: Results from a population-based study using 10-color flow cytometry. *Cytometry Part B - Clinical Cytometry*, **2015**, 88, 270-81	3.4	40
187	Arg462Gln sequence variation in the prostate-cancer-susceptibility gene RNASEL and age of onset of hereditary non-polyposis colorectal cancer: a case-control study. *Lancet Oncology, The*, **2005**, 6, 566-72	21.7	38
186	DNA methylation array analyses identified breast cancer-associated HYAL2 methylation in peripheral blood. *International Journal of Cancer*, **2015**, 136, 1845-55	7.5	37
185	The c. 5096G>A p.Arg1699Gln (R1699Q) intermediate risk variant: breast and ovarian cancer risk estimation and recommendations for clinical management from the ENIGMA consortium. *Journal of Medical Genetics*, **2018**, 55, 15-20	5.8	36
184	Genomic and transcriptomic heterogeneity of colorectal tumours arising in Lynch syndrome. *Journal of Pathology*, **2017**, 243, 242-254	9.4	35
183	Breast cancer risks and risk prediction models. *Breast Care*, **2015**, 10, 7-12	2.4	34

182	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
181	Effects of lifestyle intervention in BRCA1/2 mutation carriers on nutrition, BMI, and physical fitness (LIBRE study): study protocol for a randomized controlled trial. *Trials*, **2016**, 17, 368	2.8	34
180	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
179	Germline Mutations in Triple-Negative Breast Cancer. *Breast Care*, **2017**, 12, 15-19	2.4	32
178	Double heterozygosity for mutations in BRCA1 and BRCA2 in German breast cancer patients: implications on test strategies and clinical management. *Breast Cancer Research and Treatment*, **2012**, 134, 1229-39	4.4	32
177	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
176	Validation of a brief step-test protocol for estimation of peak oxygen uptake. *European Journal of Preventive Cardiology*, **2015**, 22, 503-12	3.9	31
175	Colorectal surveillance in Lynch syndrome families. *Familial Cancer*, **2013**, 12, 261-5	3	30
174	Genome-wide analysis associates familial colorectal cancer with increases in copy number variations and a rare structural variation at 12p12.3. *Carcinogenesis*, **2014**, 35, 315-23	4.6	30
173	Absence of association between cyclin D1 (CCND1) G870A polymorphism and age of onset in hereditary nonpolyposis colorectal cancer. *Cancer Letters*, **2006**, 236, 191-7	9.9	30
172	Endogenous thrombopoietin serum levels during multicycle chemotherapy. *British Journal of Haematology*, **1999**, 105, 832-8	4.5	30
171	The association between unemployment and depression-Results from the population-based LIFE-adult-study. *Journal of Affective Disorders*, **2018**, 235, 399-406	6.6	29
170	Pharmacokinetic and -dynamic modelling of G-CSF derivatives in humans. *Theoretical Biology and Medical Modelling*, **2012**, 9, 32	2.3	29
169	Genome-wide association study of germline variants and breast cancer-specific mortality. *British Journal of Cancer*, **2019**, 120, 647-657	8.7	28
168	Associations of Pathogenic Variants in MLH1, MSH2, and MSH6 With Risk of Colorectal Adenomas and Tumors and With Somatic Mutations in Patients With Lynch Syndrome. *Gastroenterology*, **2020**, 158, 1326-1333	13.3	28
167	Novel Anthropometry Based on 3D-Bodyscans Applied to a Large Population Based Cohort. *PLoS ONE*, **2016**, 11, e0159887	3.7	28
166	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
165	Evaluating the performance of clinical criteria for predicting mismatch repair gene mutations in Lynch syndrome: a comprehensive analysis of 3,671 families. *International Journal of Cancer*, **2014**, 135, 69-77	7.5	26

164	Prevalence of DSM-5 Mild Neurocognitive Disorder in Dementia-Free Older Adults: Results of the Population-Based LIFE-Adult-Study. *American Journal of Geriatric Psychiatry*, **2017**, 25, 328-339	6.5	26
163	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
162	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
161	Germline loss-of-function variants in the BARD1 gene are associated with early-onset familial breast cancer but not ovarian cancer. *Breast Cancer Research*, **2019**, 21, 55	8.3	25
160	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
159	Association between mental demands at work and cognitive functioning in the general population - results of the health study of the Leipzig research center for civilization diseases (LIFE). *Journal of Occupational Medicine and Toxicology*, **2014**, 9, 23	2.7	25
158	Lack of association between screening interval and cancer stage in Lynch syndrome may be accounted for by over-diagnosis; a prospective Lynch syndrome database report. *Hereditary Cancer in Clinical Practice*, **2019**, 17, 8	2.3	24
157	Validation of the Manchester scoring system for predicting BRCA1/2 mutations in 9,390 families suspected of having hereditary breast and ovarian cancer. *International Journal of Cancer*, **2014**, 135, 2352-61	7.5	24
156	PAIN OUT: an international acute pain registry supporting clinicians in decision making and in quality improvement activities. *Journal of Evaluation in Clinical Practice*, **2014**, 20, 1090-8	2.5	24
155	Feasibility of structured endurance training and Mediterranean diet in BRCA1 and BRCA2 mutation carriers - an interventional randomized controlled multicenter trial (LIBRE-1). *BMC Cancer*, **2017**, 17, 752	4.8	23
154	A breast cancer risk haplotype in the caspase-8 gene. *Cancer Research*, **2009**, 69, 2724-8	10.1	23
153	In vivo effects of interleukin-11 and stem cell factor in combination with erythropoietin in the regulation of erythropoiesis. *British Journal of Haematology*, **1995**, 90, 783-90	4.5	23
152	The Speaking Voice in the General Population: Normative Data and Associations to Sociodemographic and Lifestyle Factors. *Journal of Voice*, **2017**, 31, 257.e13-257.e24	1.9	22
151	Risk-reducing salpingo-oophorectomy, natural menopause, and breast cancer risk: an international prospective cohort of BRCA1 and BRCA2 mutation carriers. *Breast Cancer Research*, **2020**, 22, 8	8.3	22
150	Association of Genomic Domains in and with Prostate Cancer Risk and Aggressiveness. *Cancer Research*, **2020**, 80, 624-638	10.1	22
149	Low-risk variants FGFR2, TNRC9 and LSP1 in German familial breast cancer patients. *International Journal of Cancer*, **2010**, 126, 2858-62	7.5	22
148	Model-based design of chemotherapeutic regimens that account for heterogeneity in leucopoenia. *British Journal of Haematology*, **2006**, 132, 723-35	4.5	22
147	Age-, sex-, and education-specific norms for an extended CERAD Neuropsychological Assessment Battery-Results from the population-based LIFE-Adult-Study. *Neuropsychology*, **2018**, 32, 461-475	3.8	22

146	Height and Body Mass Index as Modifiers of Breast Cancer Risk in BRCA1/2 Mutation Carriers: A Mendelian Randomization Study. *Journal of the National Cancer Institute*, **2019**, 111, 350-364	9.7	22
145	Cost-effectiveness of different strategies to prevent breast and ovarian cancer in German women with a BRCA 1 or 2 mutation. *European Journal of Health Economics*, **2018**, 19, 341-353	3.6	21
144	Evidence for SMAD3 as a modifier of breast cancer risk in BRCA2 mutation carriers. *Breast Cancer Research*, **2010**, 12, R102	8.3	21
143	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
142	Polymorphisms of genes coding for ghrelin and its receptor in relation to colorectal cancer risk: a two-step gene-wide case-control study. *BMC Gastroenterology*, **2010**, 10, 112	3	21
141	The additive effect of p53 Arg72Pro and RNASEL Arg462Gln genotypes on age of disease onset in Lynch syndrome patients with pathogenic germline mutations in MSH2 or MLH1. *Cancer Letters*, **2007**, 252, 55-64	9.9	21
140	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
139	Missense variants in hMLH1 identified in patients from the German HNPCC consortium and functional studies. *Familial Cancer*, **2011**, 10, 273-84	3	20
138	Olfactory function is associated with cognitive performance: results from the population-based LIFE-Adult-Study. *Alzheimer's Research and Therapy*, **2019**, 11, 43	9	19
137	FHL2 expression in peritumoural fibroblasts correlates with lymphatic metastasis in sporadic but not in HNPCC-associated colon cancer. *Laboratory Investigation*, **2011**, 91, 1695-705	5.9	19
136	A biomathematical model of human erythropoiesis under erythropoietin and chemotherapy administration. *PLoS ONE*, **2013**, 8, e65630	3.7	19
135	Age- and gender-specific norms for the German version of the Three-Factor Eating-Questionnaire (TFEQ). *Appetite*, **2015**, 91, 241-7	4.5	18
134	Age, ocular magnification, and circumpapillary retinal nerve fiber layer thickness. *Journal of Biomedical Optics*, **2017**, 22, 1-19	3.5	18
133	Identification of a DMBT1 polymorphism associated with increased breast cancer risk and decreased promoter activity. *Human Mutation*, **2010**, 31, 60-6	4.7	18
132	Genomic rearrangements in MSH2, MLH1 or MSH6 are rare in HNPCC patients carrying point mutations. *Cancer Letters*, **2007**, 248, 89-95	9.9	18
131	Targeting of heme oxygenase-1 as a novel immune regulator of neuroblastoma. *International Journal of Cancer*, **2016**, 138, 2030-42	7.5	18
130	Breast cancer risk in BRCA1/2 mutation carriers and noncarriers under prospective intensified surveillance. *International Journal of Cancer*, **2020**, 146, 999-1009	7.5	18
129	Memory-related subjective cognitive symptoms in the adult population: prevalence and associated factors - results of the LIFE-Adult-Study. *BMC Psychology*, **2018**, 6, 23	2.8	16

128	An original phylogenetic approach identified mitochondrial haplogroup T1a1 as inversely associated with breast cancer risk in BRCA2 mutation carriers. *Breast Cancer Research*, **2015**, 17, 61	8.3	16
127	Lifestyle intervention in BRCA1/2 mutation carriers: study protocol for a prospective, randomized, controlled clinical feasibility trial (LIBRE-1 study). *Pilot and Feasibility Studies*, **2016**, 2, 74	1.9	16
126	Value of upper gastrointestinal endoscopy for gastric cancer surveillance in patients with Lynch syndrome. *International Journal of Cancer*, **2021**, 148, 106-114	7.5	16
125	No clinical utility of KRAS variant rs61764370 for ovarian or breast cancer. *Gynecologic Oncology*, **2016**, 141, 386-401	4.9	15
124	Targeted On-line SPE-LC-MS/MS Assay for the Quantitation of 12 Apolipoproteins from Human Blood. *Proteomics*, **2018**, 18, 1700279	4.8	15
123	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
122	Biomarker candidates for the detection of an infectious etiology of febrile neutropenia. *Infection*, **2016**, 44, 175-86	5.8	14
121	Sepsis survivors monitoring and coordination in outpatient health care (SMOOTH): study protocol for a randomized controlled trial. *Trials*, **2014**, 15, 283	2.8	14
120	A combined approach to generate laboratory reference intervals using unbalanced longitudinal data. *Journal of Pediatric Endocrinology and Metabolism*, **2017**, 30, 767-773	1.6	14
119	No association between MUTYH and MSH6 germline mutations in 64 HNPCC patients. *European Journal of Human Genetics*, **2008**, 16, 587-92	5.3	14
118	Sex-Specific Differences in Circumpapillary Retinal Nerve Fiber Layer Thickness. *Ophthalmology*, **2020**, 127, 357-368	7.3	14
117	Diagnosis of Li-Fraumeni Syndrome: Differentiating TP53 germline mutations from clonal hematopoiesis: Results of the observational AGO-TR1 trial. *Human Mutation*, **2018**, 39, 2040-2046	4.7	14
116	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
115	Increased estrogen level can be associated with depression in males. *Psychoneuroendocrinology*, **2018**, 87, 196-203	5	13
114	Variability of structures in German intensive care units--a representative, nationwide analysis. *Wiener Klinische Wochenschrift*, **2010**, 122, 572-8	2.3	13
113	Cancer risks in Lynch syndrome, Lynch-like syndrome, and familial colorectal cancer type X: a prospective cohort study. *BMC Cancer*, **2020**, 20, 460	4.8	13
112	Oral Contraceptive Use and Breast Cancer Risk: Retrospective and Prospective Analyses From a BRCA1 and BRCA2 Mutation Carrier Cohort Study. *JNCI Cancer Spectrum*, **2018**, 2, pky023	4.6	13
111	Smoking and physical inactivity increase cancer prevalence in BRCA-1 and BRCA-2 mutation carriers: results from a retrospective observational analysis. *Archives of Gynecology and Obstetrics*, **2017**, 296, 1135-1144	2.5	12

110	A combined model of human erythropoiesis and granulopoiesis under growth factor and chemotherapy treatment. *Theoretical Biology and Medical Modelling*, **2014**, 11, 24	2.3	12
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