

Diether Lambrechts

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

477
papers

36,016
citations

90
h-index

178
g-index

596
ext. papers

43,702
ext. citations

10.6
avg, IF

6.43
L-index

#	Paper	IF	Citations
477	Rare germline copy number variants (CNVs) and breast cancer risk.. <i>Communications Biology</i> , 2022 , 5, 65	6.7	0
476	Common variants in breast cancer risk loci predispose to distinct tumor subtypes.. <i>Breast Cancer Research</i> , 2022 , 24, 2	8.3	3
475	c-MET/VEGFR-2 co-localisation impacts on survival following bevacizumab therapy in epithelial ovarian cancer: an exploratory biomarker study of the phase 3 ICON7 trial.. <i>BMC Medicine</i> , 2022 , 20, 59	11.4	1
474	Abstract P2-08-23: Early intratumoral changes after a single dose of anti-PD-1 treatment in patients with early breast cancer (BC). <i>Cancer Research</i> , 2022 , 82, P2-08-23-P2-08-23	10.1	
473	Organoids from human tooth showing epithelial stemness phenotype and differentiation potential.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 153	10.3	0
472	Nucleosome footprinting in plasma cell-free DNA for the pre-surgical diagnosis of ovarian cancer.. <i>Npj Genomic Medicine</i> , 2022 , 7, 30	6.2	0
471	Molecular Heterogeneity Between Paired Primary and Metastatic Lesions from Clear Cell Renal Cell Carcinoma.. <i>European Urology Open Science</i> , 2022 , 40, 54-57	0.9	1
470	Correlation of Immunological and Molecular Profiles with Response to Crizotinib in Alveolar Soft Part Sarcoma: An Exploratory Study Related to the EORTC 90101 CREATE Trial. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5689	6.3	
469	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 217-228	4	7
468	IL1 Promotes Immune Suppression in the Tumor Microenvironment Independent of the Inflammasome and Gasdermin D. <i>Cancer Immunology Research</i> , 2021 , 9, 309-323	12.5	10
467	as a Novel Susceptibility Gene for Cardiotoxicity in Epirubicin Treatment of Breast Cancer Patients. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
466	MCM3 is a novel proliferation marker associated with longer survival for patients with tubo-ovarian high-grade serous carcinoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 ,	5.1	2
465	European Experts Consensus: BRCA/Homologous Recombination Deficiency Testing in First-Line Ovarian Cancer. <i>Annals of Oncology</i> , 2021 ,	10.3	7
464	Germline variants and breast cancer survival in patients with distant metastases at primary breast cancer diagnosis. <i>Scientific Reports</i> , 2021 , 11, 19787	4.9	0
463	Experimental and computational modeling for signature and biomarker discovery of renal cell carcinoma progression. <i>Molecular Cancer</i> , 2021 , 20, 136	42.1	2
462	Multi-tissue transcriptome-wide association study identifies eight candidate genes and tissue-specific gene expression underlying endometrial cancer susceptibility. <i>Communications Biology</i> , 2021 , 4, 1211	6.7	2
461	Clinical practices underlie COVID-19 patient respiratory microbiome composition and its interactions with the host. <i>Nature Communications</i> , 2021 , 12, 6243	17.4	9

460	MicroRNAs Possibly Involved in the Development of Bone Metastasis in Clear-Cell Renal Cell Carcinoma. <i>Cancers</i> , 2021 , 13,	6.6	4
459	Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveals macrophage competition and specialization. <i>Nature Neuroscience</i> , 2021 , 24, 595-610	25.5	59
458	Fat Induces Glucose Metabolism in Nontransformed Liver Cells and Promotes Liver Tumorigenesis. <i>Cancer Research</i> , 2021 , 81, 1988-2001	10.1	7
457	Clinical practice guidelines for BRCA1 and BRCA2 genetic testing. <i>European Journal of Cancer</i> , 2021 , 146, 30-47	7.5	15
456	Genome-wide CRISPR screening identifies TMEM106B as a proviral host factor for SARS-CoV-2. <i>Nature Genetics</i> , 2021 , 53, 435-444	36.3	62
455	Molecular Biomarkers of Response to Eribulin in Patients with Leiomyosarcoma. <i>Clinical Cancer Research</i> , 2021 , 27, 3106-3115	12.9	1
454	Prdm16 Supports Arterial Flow Recovery by Maintaining Endothelial Function. <i>Circulation Research</i> , 2021 , 129, 63-77	15.7	4
453	Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. <i>Cancers</i> , 2021 , 13,	6.6	3
452	A single-cell map of intratumoral changes during anti-PD1 treatment of patients with breast cancer. <i>Nature Medicine</i> , 2021 , 27, 820-832	50.5	57
451	Single-cell Transcriptomics Uncover a Novel Role of Myeloid Cells and T-lymphocytes in the Fibrotic Microenvironment in Peyronie's Disease. <i>European Urology Focus</i> , 2021 ,	5.1	1
450	Current Methodological Challenges of Single-Cell and Single-Nucleus RNA-Sequencing in Glomerular Diseases. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 1838-1852	12.7	3
449	Identification of a Locus Near Associated With Progression-Free Survival in Ovarian Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 1669-1680	4	2
448	Interleukin-6 is an activator of pituitary stem cells upon local damage, a competence quenched in the aging gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
447	Molecular Subtypes and Gene Expression Signatures as Prognostic Features in Fully Resected Clear Cell Renal Cell Carcinoma: A Tailored Approach to Adjuvant Trials. <i>Clinical Genitourinary Cancer</i> , 2021 ,	3.3	6
446	Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. <i>American Journal of Human Genetics</i> , 2021 , 108, 1190-1203	11	1
445	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. <i>Nature Communications</i> , 2021 , 12, 4117	17.4	53
444	High-grade serous tubo-ovarian cancer refined with single-cell RNA sequencing: specific cell subtypes influence survival and determine molecular subtype classification. <i>Genome Medicine</i> , 2021 , 13, 111	14.4	7
443	Combined Associations of a Polygenic Risk Score and Classical Risk Factors With Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 329-337	9.7	14

442	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. <i>International Journal of Cancer</i> , 2021 , 148, 307-319	7.5	13
441	Regeneration Defects in Yap and Taz Mutant Mouse Livers Are Caused by Bile Duct Disruption and Cholestasis. <i>Gastroenterology</i> , 2021 , 160, 847-862	13.3	10
440	BCL(X)L and BCL2 increase the metabolic fitness of breast cancer cells: a single-cell imaging study. <i>Cell Death and Differentiation</i> , 2021 , 28, 1512-1531	12.7	6
439	CYP3A7*1C allele: linking premenopausal oestrone and progesterone levels with risk of hormone receptor-positive breast cancers. <i>British Journal of Cancer</i> , 2021 , 124, 842-854	8.7	2
438	Conservation of copy number profiles during engraftment and passaging of patient-derived cancer xenografts. <i>Nature Genetics</i> , 2021 , 53, 86-99	36.3	44
437	A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. <i>Nature Communications</i> , 2021 , 12, 1078	17.4	4
436	Genetic analyses of gynecological disease identify genetic relationships between uterine fibroids and endometrial cancer, and a novel endometrial cancer genetic risk region at the WNT4 1p36.12 locus. <i>Human Genetics</i> , 2021 , 140, 1353-1365	6.3	5
435	Molecular underpinnings of glandular tropism in metastatic clear cell renal cell carcinoma: therapeutic implications. <i>Acta Oncologica</i> , 2021 , 60, 1499-1506	3.2	6
434	Association of germline genetic variants with breast cancer-specific survival in patient subgroups defined by clinic-pathological variables related to tumor biology and type of systemic treatment. <i>Breast Cancer Research</i> , 2021 , 23, 86	8.3	1
433	BCL9 regulates CD226 and CD96 checkpoints in CD8 T cells to improve PD-1 response in cancer. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 313	21	4
432	Mendelian randomisation study of smoking exposure in relation to breast cancer risk. <i>British Journal of Cancer</i> , 2021 , 125, 1135-1145	8.7	0
431	Evolutionary predictability of genetic versus nongenetic resistance to anticancer drugs in melanoma. <i>Cancer Cell</i> , 2021 , 39, 1135-1149.e8	24.3	22
430	Molecular Subtyping Combined with Biological Pathway Analyses to Study Regorafenib Response in Clinically Relevant Mouse Models of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 5979-5992	12.9	2
429	Breast cancer diagnosed in the post-weaning period is indicative for a poor outcome. <i>European Journal of Cancer</i> , 2021 , 155, 13-24	7.5	2
428	Data describing the poor outcome associated with a breast cancer diagnosis in the post-weaning period. <i>Data in Brief</i> , 2021 , 38, 107354	1.2	0
427	Breast Cancer Risk Factors and Survival by Tumor Subtype: Pooled Analyses from the Breast Cancer Association Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 623-642	4	4
426	Discriminating mild from critical COVID-19 by innate and adaptive immune single-cell profiling of bronchoalveolar lavages. <i>Cell Research</i> , 2021 , 31, 272-290	24.7	102
425	LBA78 A microsimulation model to assess the impact of SARS-CoV-2 on cancer outcomes, healthcare organization and economic burden. <i>Annals of Oncology</i> , 2020 , 31, S1207	10.3	3

424	LBA81 Keeping exhausted T-cells in check in COVID-19. <i>Annals of Oncology</i> , 2020 , 31, S1208	10.3	78
423	7000 Kidney ccRCC immune classification (KIC) enhances the predictive value of T effector (Teff) and angiogenesis (Angio) signatures in response to nivolumab (N). <i>Annals of Oncology</i> , 2020 , 31, S553	10.3	4
422	Validation of the Correlation Between Single Nucleotide Polymorphism rs307826 in VEGFR3 and Outcome in Metastatic Clear-Cell Renal Cell Carcinoma Patients Treated with Sunitinib. <i>Kidney Cancer</i> , 2020 , 4, 139-149	0.6	
421	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. <i>Nature Genetics</i> , 2020 , 52, 572-581	36.3	76
420	Exposure-response analysis of endoxifen serum concentrations in early-breast cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 85, 1141-1152	3.5	7
419	A pan-cancer blueprint of the heterogeneous tumor microenvironment revealed by single-cell profiling. <i>Cell Research</i> , 2020 , 30, 745-762	24.7	108
418	Combination of variations in inflammation- and endoplasmic reticulum-associated genes as putative biomarker for bevacizumab response in KRAS wild-type colorectal cancer. <i>Scientific Reports</i> , 2020 , 10, 9778	4.9	1
417	Gemcitabine Recruits M2-Type Tumor-Associated Macrophages into the Stroma of Pancreatic Cancer. <i>Translational Oncology</i> , 2020 , 13, 100743	4.9	17
416	Menopausal hormone therapy prior to the diagnosis of ovarian cancer is associated with improved survival. <i>Gynecologic Oncology</i> , 2020 , 158, 702-709	4.9	5
415	Lipid availability determines fate of skeletal progenitor cells via SOX9. <i>Nature</i> , 2020 , 579, 111-117	50.4	53
414	DNA methylation-driven EMT is a common mechanism of resistance to various therapeutic agents in cancer. <i>Clinical Epigenetics</i> , 2020 , 12, 27	7.7	27
413	Induction and recovery of CpG site specific methylation changes in human bronchial cells after long-term exposure to carbon nanotubes and asbestos. <i>Environment International</i> , 2020 , 137, 105530	12.9	18
412	Transcriptome-wide association study of breast cancer risk by estrogen-receptor status. <i>Genetic Epidemiology</i> , 2020 , 44, 442-468	2.6	9
411	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020 , 37, 21-36.e13	24.3	93
410	A network analysis to identify mediators of germline-driven differences in breast cancer prognosis. <i>Nature Communications</i> , 2020 , 11, 312	17.4	20
409	Prediction of contralateral breast cancer: external validation of risk calculators in 20 international cohorts. <i>Breast Cancer Research and Treatment</i> , 2020 , 181, 423-434	4.4	7
408	Developing Organoids from Ovarian Cancer as Experimental and Preclinical Models. <i>Stem Cell Reports</i> , 2020 , 14, 717-729	8	44
407	A new protocol for single-cell RNA-seq reveals stochastic gene expression during lag phase in budding yeast. <i>ELife</i> , 2020 , 9,	8.9	13

406	Lineage-dependent gene expression programs influence the immune landscape of colorectal cancer. <i>Nature Genetics</i> , 2020 , 52, 594-603	36.3	96
405	A variant in FTO gene shows association with histological ulceration in cutaneous melanoma. <i>Journal of Cutaneous Pathology</i> , 2020 , 47, 98-101	1.7	1
404	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. <i>Nature Genetics</i> , 2020 , 52, 56-73	36.3	56
403	The genomic landscape of nonsmall cell lung carcinoma in never smokers. <i>International Journal of Cancer</i> , 2020 , 146, 3207-3218	7.5	12
402	Randomized phase II CLIO study on olaparib monotherapy versus chemotherapy in platinum-sensitive recurrent ovarian cancer. <i>Gynecologic Oncology</i> , 2020 , 159, 17-18	4.9	2
401	Targeting the RhoGEF BIX/COOL-1 in Glioblastoma: Proof of Concept Studies. <i>Cancers</i> , 2020 , 12,	6.6	1
400	Increased IL-10-producing regulatory T cells are characteristic of severe cases of COVID-19. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1204	6.8	24
399	Establishing a Unified COVID-19 "Immunome": Integrating Coronavirus Pathogenesis and Host Immunopathology. <i>Frontiers in Immunology</i> , 2020 , 11, 1642	8.4	6
398	DNA methylation repels binding of hypoxia-inducible transcription factors to maintain tumor immunotolerance. <i>Genome Biology</i> , 2020 , 21, 182	18.3	13
397	Single-cell transcriptome analysis of the Akimba mouse retina reveals cell-type-specific insights into the pathobiology of diabetic retinopathy. <i>Diabetologia</i> , 2020 , 63, 2235-2248	10.3	15
396	Phylogenetic reconstruction of breast cancer reveals two routes of metastatic dissemination associated with distinct clinical outcome. <i>EBioMedicine</i> , 2020 , 56, 102793	8.8	10
395	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. <i>American Journal of Human Genetics</i> , 2020 , 107, 837-848	11	12
394	Characterization of Stromal Tumor-infiltrating Lymphocytes and Genomic Alterations in Metastatic Lobular Breast Cancer. <i>Clinical Cancer Research</i> , 2020 , 26, 6254-6265	12.9	10
393	Two truncating variants in FANCC and breast cancer risk. <i>Scientific Reports</i> , 2019 , 9, 12524	4.9	2
392	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019 , 10, 431	17.4	45
391	Patient-derived cell line models revealed therapeutic targets and molecular mechanisms underlying disease progression of high grade serous ovarian cancer. <i>Cancer Letters</i> , 2019 , 459, 1-12	9.9	11
390	Loss of 1p36.33 Frequent in Low-Grade Serous Ovarian Cancer. <i>Neoplasia</i> , 2019 , 21, 582-590	6.4	17
389	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002470	5.2	13

388	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002471	5.2	14
387	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. <i>Cancer Medicine</i> , 2019 , 8, 2503-2513	4.8	4
386	Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. <i>Nature Communications</i> , 2019 , 10, 1741	17.4	47
385	Genomic, Transcriptomic, Epigenetic, and Immune Profiling of Mucinous Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 742-746	9.7	10
384	Expression of immune-related genes in rectum and colon descendens of Irritable Bowel Syndrome patients is unrelated to clinical symptoms. <i>Neurogastroenterology and Motility</i> , 2019 , 31, e13579	4	6
383	Establishment and Characterization of Histologically and Molecularly Stable Soft-tissue Sarcoma Xenograft Models for Biological Studies and Preclinical Drug Testing. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 1168-1178	6.1	9
382	Genome-wide association study of germline variants and breast cancer-specific mortality. <i>British Journal of Cancer</i> , 2019 , 120, 647-657	8.7	28
381	ABCG2 Polymorphism rs2231142 and hypothyroidism in metastatic renal cell carcinoma patients treated with sunitinib. <i>Acta Clinica Belgica</i> , 2019 , 74, 180-188	1.8	2
380	Patient-derived organoids from endometrial disease capture clinical heterogeneity and are amenable to drug screening. <i>Nature Cell Biology</i> , 2019 , 21, 1041-1051	23.4	146
379	CRAF mutations in lung cancer can be oncogenic and predict sensitivity to combined type II RAF and MEK inhibition. <i>Oncogene</i> , 2019 , 38, 5933-5941	9.2	6
378	Age-related changes in DNA methylation affect renal histology and post-transplant fibrosis. <i>Kidney International</i> , 2019 , 96, 1195-1204	9.9	11
377	The :p.Arg658* truncating variant is associated with risk of triple-negative breast cancer. <i>Npj Breast Cancer</i> , 2019 , 5, 38	7.8	12
376	Randomized phase II CLIO study on olaparib monotherapy versus chemotherapy in platinum-resistant ovarian cancer.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 5507-5507	2.2	23
375	Solar Lentigines are Associated with Better Outcome in Cutaneous Melanoma. <i>Acta Dermato-Venereologica</i> , 2019 , 99, 1154-1159	2.2	
374	Genetic biomarkers in the VEGF pathway predicting response to anti-VEGF therapy in age-related macular degeneration. <i>BMJ Open Ophthalmology</i> , 2019 , 4, e000273	3.2	3
373	Melanoma susceptibility variant rs869330 in the MTAP gene is associated with melanoma outcome. <i>Melanoma Research</i> , 2019 , 29, 590-595	3.3	2
372	Prediction and clinical utility of a contralateral breast cancer risk model. <i>Breast Cancer Research</i> , 2019 , 21, 144	8.3	11
371	Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. <i>American Journal of Human Genetics</i> , 2019 , 104, 21-34	11	363

370	Fibroblast Growth Factor Receptor-2 Polymorphism rs2981582 is Correlated With Progression-free Survival and Overall Survival in Patients With Metastatic Clear-cell Renal Cell Carcinoma Treated With Sunitinib. <i>Clinical Genitourinary Cancer</i> , 2019 , 17, e235-e246	3.3	4
369	Identification, clinical-pathological characteristics and treatment outcomes of patients with metastatic breast cancer and somatic human epidermal growth factor receptor 2 (ERBB2) mutations. <i>Breast Cancer Research and Treatment</i> , 2019 , 174, 55-63	4.4	2
368	Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2019 , 48, 795-806	7.8	52
367	Genetic Data from Nearly 63,000 Women of European Descent Predicts DNA Methylation Biomarkers and Epithelial Ovarian Cancer Risk. <i>Cancer Research</i> , 2019 , 79, 505-517	10.1	28
366	The BRCA2 c.68-7T>A variant is not pathogenic: A model for clinical calibration of spliceogenicity. <i>Human Mutation</i> , 2018 , 39, 729-741	4.7	16
365	Tamoxifen Metabolism and Efficacy in Breast Cancer: A Prospective Multicenter Trial. <i>Clinical Cancer Research</i> , 2018 , 24, 2312-2318	12.9	44
364	Polymorphisms in the Von Hippel-Lindau Gene Are Associated With Overall Survival in Metastatic Clear-Cell Renal-Cell Carcinoma Patients Treated With VEGFR Tyrosine Kinase Inhibitors. <i>Clinical Genitourinary Cancer</i> , 2018 , 16, 266-273	3.3	8
363	Ischemia-Induced DNA Hypermethylation during Kidney Transplant Predicts Chronic Allograft Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 1566-1576	12.7	17
362	Adult height is associated with increased risk of ovarian cancer: a Mendelian randomisation study. <i>British Journal of Cancer</i> , 2018 , 118, 1123-1129	8.7	10
361	Genetic overlap between endometriosis and endometrial cancer: evidence from cross-disease genetic correlation and GWAS meta-analyses. <i>Cancer Medicine</i> , 2018 , 7, 1978-1987	4.8	40
360	Somatic POLE exonuclease domain mutations are early events in sporadic endometrial and colorectal carcinogenesis, determining driver mutational landscape, clonal neoantigen burden and immune response. <i>Journal of Pathology</i> , 2018 , 245, 283-296	9.4	43
359	Global and gene-specific DNA methylation effects of different asbestos fibres on human bronchial epithelial cells. <i>Environment International</i> , 2018 , 115, 301-311	12.9	10
358	Glucocorticoid receptor DNA methylation and childhood trauma in chronic fatigue syndrome patients. <i>Journal of Psychosomatic Research</i> , 2018 , 104, 55-60	4.1	12
357	Joint associations of a polygenic risk score and environmental risk factors for breast cancer in the Breast Cancer Association Consortium. <i>International Journal of Epidemiology</i> , 2018 , 47, 526-536	7.8	53
356	Differences in MWCNT- and SWCNT-induced DNA methylation alterations in association with the nuclear deposition. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 11	8.4	44
355	promoter hypermethylation in saliva of children with a respiratory allergy. <i>Clinical Epigenetics</i> , 2018 , 10, 50	7.7	13
354	Assessment of moderate coffee consumption and risk of epithelial ovarian cancer: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2018 , 47, 450-459	7.8	8
353	Integrated genome analysis of uterine leiomyosarcoma to identify novel driver genes and targetable pathways. <i>International Journal of Cancer</i> , 2018 , 142, 1230-1243	7.5	34

352	Cigarette Smoke-Induced Emphysema Exhausts Early Cytotoxic CD8 T Cell Responses against Nascent Lung Cancer Cells. <i>Journal of Immunology</i> , 2018 , 201, 1558-1569	5.3	10
351	Variants in genes encoding small GTPases and association with epithelial ovarian cancer susceptibility. <i>PLoS ONE</i> , 2018 , 13, e0197561	3.7	9
350	Phenotype molding of stromal cells in the lung tumor microenvironment. <i>Nature Medicine</i> , 2018 , 24, 1277-1289	50.5	607
349	RNA-sequencing in non-small cell lung cancer shows gene downregulation of therapeutic targets in tumor tissue compared to non-malignant lung tissue. <i>Radiation Oncology</i> , 2018 , 13, 131	4.2	5
348	Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , 2018 , 9, 3166	17.4	70
347	Quiescent Endothelial Cells Upregulate Fatty Acid Oxidation for Vasculoprotection via Redox Homeostasis. <i>Cell Metabolism</i> , 2018 , 28, 881-894.e13	24.6	99
346	rs495139 in the TYMS-ENOSF1 Region and Risk of Ovarian Carcinoma of Mucinous Histology. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	3
345	A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. <i>Nature Genetics</i> , 2018 , 50, 968-978	36.3	101
344	Detection of microsatellite instability (MSI) in colorectal cancer samples with a novel set of highly sensitive markers by means of the Idylla MSI Test prototype.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15639-e15639	2.2	0
343	Association of a novel set of 7 homopolymer indels for detection of MSI with tumor mutation burden and total indel load in endometrial and colorectal cancers.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15654-e15654	2.2	0
342	A machine-learning approach for the identification of highly predictive germline SNPs as biomarkers for response to bevacizumab in metastatic colorectal cancer using Elastic Net and Lasso.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15584-e15584	2.2	1
341	Loss of Chromosome 18q11.2-q12.1 Is Predictive for Survival in Patients With Metastatic Colorectal Cancer Treated With Bevacizumab. <i>Journal of Clinical Oncology</i> , 2018 , 36, 2052-2060	2.2	19
340	Copy number load predicts outcome of metastatic colorectal cancer patients receiving bevacizumab combination therapy. <i>Nature Communications</i> , 2018 , 9, 4112	17.4	36
339	The genetic landscape of 5T models for multiple myeloma. <i>Scientific Reports</i> , 2018 , 8, 15030	4.9	10
338	The genetic landscape of 87 ovarian germ cell tumors. <i>Gynecologic Oncology</i> , 2018 , 151, 61-68	4.9	22
337	Self-Maintaining Gut Macrophages Are Essential for Intestinal Homeostasis. <i>Cell</i> , 2018 , 175, 400-415.e1356.2	56.2	201
336	Effect of ABCB1 diplotype on tacrolimus disposition in renal recipients depends on CYP3A5 and CYP3A4 genotype. <i>Pharmacogenomics Journal</i> , 2017 , 17, 556-562	3.5	11
335	Enrichment of putative PAX8 target genes at serous epithelial ovarian cancer susceptibility loci. <i>British Journal of Cancer</i> , 2017 , 116, 524-535	8.7	18

334	Centrosome Amplification Is Sufficient to Promote Spontaneous Tumorigenesis in Mammals. <i>Developmental Cell</i> , 2017 , 40, 313-322.e5	10.2	181
333	Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017 , 77, 2789-2799	10.1	49
332	Phylogenetic analysis of metastatic progression in breast cancer using somatic mutations and copy number aberrations. <i>Nature Communications</i> , 2017 , 8, 14944	17.4	79
331	It's T Time for Normal Blood Vessels. <i>Developmental Cell</i> , 2017 , 41, 125-126	10.2	6
330	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841	36.3	257
329	Lineage-specific functions of TET1 in the postimplantation mouse embryo. <i>Nature Genetics</i> , 2017 , 49, 1061-1072	36.3	63
328	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017 , 72, 998-1006	7.3	40
327	Establishment and characterization of uterine sarcoma and carcinosarcoma patient-derived xenograft models. <i>Gynecologic Oncology</i> , 2017 , 146, 538-545	4.9	10
326	CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. <i>Nature</i> , 2017 , 546, 168-172	50.4	136
325	Limited potential of genetic predisposition scores to predict muscle mass and strength performance in Flemish Caucasians between 19 and 73 years of age. <i>Physiological Genomics</i> , 2017 , 49, 160-166	3.6	6
324	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. <i>Nature Genetics</i> , 2017 , 49, 680-691	36.3	190
323	Epigenetic effects of carbon nanotubes in human monocytic cells. <i>Mutagenesis</i> , 2017 , 32, 181-191	2.8	32
322	The role of fatty acid β oxidation in lymphangiogenesis. <i>Nature</i> , 2017 , 542, 49-54	50.4	167
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161	Genetic variants in CDC42 and NXPH1 as susceptibility factors for constipation and diarrhoea predominant irritable bowel syndrome. <i>Gut</i> , 2014 , 63, 1103-11	19.2	42
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10	DNA Methylation Repels Binding of HIF Transcription Factors to Maintain Tumour Immunotolerance	2
9	Combining genome-wide studies of breast, prostate, ovarian and endometrial cancers maps cross-cancer susceptibility loci and identifies new genetic associations	2
8	Discriminating Mild from Critical COVID-19 by Innate and Adaptive Immune Single-cell Profiling of Bronchoalveolar Lavages	11
7	Clinical practices underlie COVID-19 patient respiratory microbiome composition and its interactions with the host	1
6	Fine-mapping of 150 breast cancer risk regions identifies 178 high confidence target genes	2
5	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses	2
4	Conservation of copy number profiles during engraftment and passaging of patient-derived cancer xenografts	2
3	Genomic analyses for age at menarche identify 389 independent signals and indicate BMI-independent effects of puberty timing on cancer susceptibility	1
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