# Diether Lambrechts

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4037662/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 548 papers | 49,230 citations | 2093 100 h-index | 2375 198 g-index |
| 596 all docs | 596 docs citations | 596 times ranked | 65102 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. Lancet, The, 2012, 380, 572-580. | 6.3 | 1,937 |
| 2 | Effects of KRAS, BRAF, NRAS, and PIK3CA mutations on the efficacy of cetuximab plus chemotherapy in chemotherapy-refractory metastatic colorectal cancer: a retrospective consortium analysis. Lancet Oncology, The, 2010, 11, 753-762. | 5.1 | 1,915 |
| 3 | Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338. | 9.4 | 1,685 |
| 4 | Phenotype molding of stromal cells in the lung tumor microenvironment. Nature Medicine, 2018, 24, 1277-1289. | 15.2 | 1,126 |
| 5 | Association analysis identifies 65 new breast cancer risk loci. Nature, 2017, 551, 92-94. | 13.7 | 1,099 |
| 6 | Large-scale genotyping identifies 41 new loci associated with breast cancer risk. Nature Genetics, 2013, 45, 353-361. | 9.4 | 960 |
| 7 | Addition of cetuximab to oxaliplatin-based first-line combination chemotherapy for treatment of advanced colorectal cancer: results of the randomised phase 3 MRC COIN trial. Lancet, The, 2011, 377, 2103-2114. | 6.3 | 876 |
| 8 | VEGF is a modifier of amyotrophic lateral sclerosis in mice and humans and protects motoneurons against ischemic death. Nature Genetics, 2003, 34, 383-394. | 9.4 | 794 |
| 9 | Gene prioritization through genomic data fusion. Nature Biotechnology, 2006, 24, 537-544. | 9.4 | 787 |
| 10 | Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. American Journal of Human Genetics, 2019, 104, 21-34. | 2.6 | 711 |
| 11 | Role of PlGF in the intra- and intermolecular cross talk between the VEGF receptors Flt1 and Flk1. Nature Medicine, 2003, 9, 936-943. | 15.2 | 699 |
| 12 | Associations of Breast Cancer Risk Factors With Tumor Subtypes: A Pooled Analysis From the Breast Cancer Association Consortium Studies. Journal of the National Cancer Institute, 2011, 103, 250-263. | 3.0 | 596 |
| 13 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97. | 13.7 | 548 |
| 14 | Association Between <emph type="ital">BRCA1</emph> and <emph type="ital">BRCA2</emph> Mutations and Survival in Women With Invasive Epithelial Ovarian Cancer. JAMA - Journal of the American Medical Association, 2012, 307, 382. | 3.8 | 546 |
| 15 | Tumour hypoxia causes DNA hypermethylation by reducing TET activity. Nature, 2016, 537, 63-68. | 13.7 | 521 |
| 16 | Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. Nature Genetics, 2015, 47, 373-380. | 9.4 | 513 |
| 17 | Thrombomodulin Mutations in Atypical Hemolyticâ€“Uremic Syndrome. New England Journal of Medicine, 2009, 361, 345-357. | 13.9 | 495 |
| 18 | Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer. Nature Genetics, 2013, 45, 371-384. | 9.4 | 493 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | VEGF: once regarded as a specific angiogenic factor, now implicated in neuroprotection. BioEssays, 2004, 26, 943-954. | 1.2 | 476 |
| 20 | Treatment of motoneuron degeneration by intracerebroventricular delivery of VEGF in a rat model of ALS. Nature Neuroscience, 2005, 8, 85-92. | 7.1 | 464 |
| 21 | Inhibition of the Glycolytic Activator PFKFB3 in Endothelium Induces Tumor Vessel Normalization, Impairs Metastasis, and Improves Chemotherapy. Cancer Cell, 2016, 30, 968-985. | 7.7 | 464 |
| 22 | Gain of function of mutant p53 by coaggregation with multiple tumor suppressors. Nature Chemical Biology, 2011, 7, 285-295. | 3.9 | 450 |
| 23 | Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. Nature Genetics, 2008, 40, 170-180. | 9.4 | 433 |
| 24 | Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. Journal of the National Cancer Institute, 2015, 107, . | 3.0 | 428 |
| 25 | Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841. | 9.4 | 426 |
| 26 | Genome dynamics of the human embryonic kidney 293 lineage in response to cell biology manipulations. Nature Communications, 2014, 5, 4767. | 5.8 | 421 |
| 27 | A pan-cancer blueprint of the heterogeneous tumor microenvironment revealed by single-cell profiling. Cell Research, 2020, 30, 745-762. | 5.7 | 391 |
| 28 | Role and Therapeutic Potential of VEGF in the Nervous System. Physiological Reviews, 2009, 89, 607-648. | 13.1 | 385 |
| 29 | Lineage-dependent gene expression programs influence the immune landscape of colorectal cancer. Nature Genetics, 2020, 52, 594-603. | 9.4 | 380 |
| 30 | Vitamin D deficiency is highly prevalent in COPD and correlates with variants in the vitamin D-binding gene. Thorax, 2010, 65, 215-220. | 2.7 | 379 |
| 31 | Progranulin functions as a neurotrophic factor to regulate neurite outgrowth and enhance neuronal survival. Journal of Cell Biology, 2008, 181, 37-41. | 2.3 | 376 |
| 32 | Genome-wide association studies identify four ER negativeâ€“specific breast cancer risk loci. Nature Genetics, 2013, 45, 392-398. | 9.4 | 374 |
| 33 | p53 induces formation of NEAT1 lncRNA-containing paraspeckles that modulate replication stress response and chemosensitivity. Nature Medicine, 2016, 22, 861-868. | 15.2 | 372 |
| 34 | Self-Maintaining Gut Macrophages Are Essential for Intestinal Homeostasis. Cell, 2018, 175, 400-415.e13. | 13.5 | 371 |
| 35 | Underestimated and under-recognized: the late consequences of acute coronary syndrome (GRACE) Tj ETQq1 1 0.784314 rgBT /Over | 1.0 | 361 |
| 36 | Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. Nature Genetics, 2015, 47, 1294-1303. | 9.4 | 357 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. Nature Genetics, 2017, 49, 680-691. | 9.4 | 356 |
| 38 | A single-cell map of intratumoral changes during anti-PD1 treatment of patients with breast cancer. Nature Medicine, 2021, 27, 820-832. | 15.2 | 330 |
| 39 | GWAS meta-analysis and replication identifies three new susceptibility loci for ovarian cancer. Nature Genetics, 2013, 45, 362-370. | 9.4 | 326 |
| 40 | A genome-wide association study identifies susceptibility loci for ovarian cancer at 2q31 and 8q24. Nature Genetics, 2010, 42, 874-879. | 9.4 | 321 |
| 41 | Neurovascular signalling defects in neurodegeneration. Nature Reviews Neuroscience, 2008, 9, 169-181. | 4.9 | 316 |
| 42 | A locus on 19p13 modifies risk of breast cancer in BRCA1 mutation carriers and is associated with hormone receptorâ€“negative breast cancer in the general population. Nature Genetics, 2010, 42, 885-892. | 9.4 | 309 |
| 43 | Markers of Response for the Antiangiogenic Agent Bevacizumab. Journal of Clinical Oncology, 2013, 31, 1219-1230. | 0.8 | 309 |
| 44 | PIK3CA Mutations Are Not a Major Determinant of Resistance to the Epidermal Growth Factor Receptor Inhibitor Cetuximab in Metastatic Colorectal Cancer. Clinical Cancer Research, 2009, 15, 3184-3188. | 3.2 | 296 |
| 45 | Centrosome Amplification Is Sufficient to Promote Spontaneous Tumorigenesis in Mammals. Developmental Cell, 2017, 40, 313-322.e5. | 3.1 | 291 |
| 46 | Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778. | 9.4 | 289 |
| 47 | VEGF: A modifier of the del22q11 (DiGeorge) syndrome?. Nature Medicine, 2003, 9, 173-182. | 15.2 | 288 |
| 48 | Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveals macrophage competition and specialization. Nature Neuroscience, 2021, 24, 595-610. | 7.1 | 288 |
| 49 | Patient-derived organoids from endometrial disease capture clinical heterogeneity and are amenable to drug screening. Nature Cell Biology, 2019, 21, 1041-1051. | 4.6 | 281 |
| 50 | A common variant at the TERT-CLPTM1L locus is associated with estrogen receptorâ€“negative breast cancer. Nature Genetics, 2011, 43, 1210-1214. | 9.4 | 279 |
| 51 | Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. Nature Genetics, 2020, 52, 572-581. | 9.4 | 265 |
| 52 | Genome-wide association analysis identifies three new breast cancer susceptibility loci. Nature Genetics, 2012, 44, 312-318. | 9.4 | 256 |
| 53 | An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. Cancer Cell, 2020, 37, 21-36.e13. | 7.7 | 253 |
| 54 | Genomic Characterization of Primary Invasive Lobular Breast Cancer. Journal of Clinical Oncology, 2016, 34, 1872-1881. | 0.8 | 249 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | The role of fatty acid Î²-oxidation in lymphangiogenesis. Nature, 2017, 542, 49-54. | 13.7 | 240 |
| 56 | Common variants at 19p13 are associated with susceptibility to ovarian cancer. Nature Genetics, 2010, 42, 880-884. | 9.4 | 235 |
| 57 | Prognostic Significance of POLE Proofreading Mutations in Endometrial Cancer. Journal of the National Cancer Institute, 2015, 107, 402. | 3.0 | 229 |
| 58 | Discriminating mild from critical COVID-19 by innate and adaptive immune single-cell profiling of bronchoalveolar lavages. Cell Research, 2021, 31, 272-290. | 5.7 | 229 |
| 59 | CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. Nature, 2017, 546, 168-172. | 13.7 | 222 |
| 60 | Identification of six new susceptibility loci for invasive epithelial ovarian cancer. Nature Genetics, 2015, 47, 164-171. | 9.4 | 221 |
| 61 | A genetic Xenopus laevis tadpole model to study lymphangiogenesis. Nature Medicine, 2005, 11, 998-1004. | 15.2 | 212 |
| 62 | Optimized filtering reduces the error rate in detecting genomic variants by short-read sequencing. Nature Biotechnology, 2012, 30, 61-68. | 9.4 | 211 |
| 63 | The BRCA1-Î”11q Alternative Splice Isoform Bypasses Germline Mutations and Promotes Therapeutic Resistance to PARP Inhibition and Cisplatin. Cancer Research, 2016, 76, 2778-2790. | 0.4 | 208 |
| 64 | Plasma circulating tumor DNA as an alternative to metastatic biopsies for mutational analysis in breast cancer. Annals of Oncology, 2014, 25, 1959-1965. | 0.6 | 206 |
| 65 | Large-Scale Gene-Centric Analysis Identifies Novel Variants for Coronary Artery Disease. PLoS Genetics, 2011, 7, e1002260. | 1.5 | 203 |
| 66 | 25(OH)D2 Half-Life Is Shorter Than 25(OH)D3 Half-Life and Is Influenced by DBP Concentration and Genotype. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3373-3381. | 1.8 | 203 |
| 67 | 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. | 2.6 | 201 |
| 68 | A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. Nature Genetics, 2018, 50, 968-978. | 9.4 | 184 |
| 69 | Genomic landscape of carcinogen-induced and genetically induced mouse skin squamous cell carcinoma. Nature Medicine, 2015, 21, 946-954. | 15.2 | 179 |
| 70 | Identification of nine new susceptibility loci for endometrial cancer. Nature Communications, 2018, 9, 3166. | 5.8 | 178 |
| 71 | VEGF pathway genetic variants as biomarkers of treatment outcome with bevacizumab: an analysis of data from the AViTA and AVOREN randomised trials. Lancet Oncology, The, 2012, 13, 724-733. | 5.1 | 174 |
| 72 | PALB2,CHEK2andATMrare variants and cancer risk: data from COGS. Journal of Medical Genetics, 2016, 53, 800-811. | 1.5 | 174 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Quiescent Endothelial Cells Upregulate Fatty Acid Î²-Oxidation for Vasculoprotection via Redox Homeostasis. Cell Metabolism, 2018, 28, 881-894.e13. | 7.2 | 174 |
| 74 | Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. Nature Communications, 2021, 12, 4117. | 5.8 | 170 |
| 75 | CHEK2*1100delC Heterozygosity in Women With Breast Cancer Associated With Early Death, Breast Cancerâ€“Specific Death, and Increased Risk of a Second Breast Cancer. Journal of Clinical Oncology, 2012, 30, 4308-4316. | 0.8 | 162 |
| 76 | Genome-wide CRISPR screening identifies TMEM106B as a proviral host factor for SARS-CoV-2. Nature Genetics, 2021, 53, 435-444. | 9.4 | 162 |
| 77 | Relief of hypoxia by angiogenesis promotes neural stem cell differentiation by targeting glycolysis. EMBO Journal, 2016, 35, 924-941. | 3.5 | 161 |
| 78 | 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, 1052-1067. | 7.7 | 157 |
| 79 | Sequencing an Ashkenazi reference panel supports population-targeted personal genomics and illuminates Jewish and European origins. Nature Communications, 2014, 5, 4835. | 5.8 | 156 |
| 80 | Low penetrance breast cancer susceptibility loci are associated with specific breast tumor subtypes: findings from the Breast Cancer Association Consortium. Human Molecular Genetics, 2011, 20, 3289-3303. | 1.4 | 152 |
| 81 | CYP2D6 Genotype and Adjuvant Tamoxifen: Meta-Analysis of Heterogeneous Study Populations. Clinical Pharmacology and Therapeutics, 2014, 95, 216-227. | 2.3 | 150 |
| 82 | Lessons From the Adjuvant Bevacizumab Trial on Colon Cancer: What Next?. Journal of Clinical Oncology, 2011, 29, 1-4. | 0.8 | 148 |
| 83 | Semiautomated isolation and molecular characterisation of single or highly purified tumour cells from CellSearch enriched blood samples using dielectrophoretic cell sorting. British Journal of Cancer, 2013, 108, 1358-1367. | 2.9 | 148 |
| 84 | Transient PLK4 overexpression accelerates tumorigenesis in p53-deficient epidermis. Nature Cell Biology, 2016, 18, 100-110. | 4.6 | 145 |
| 85 | Epigenetic analysis leads to identification of HNF1B as a subtype-specific susceptibility gene for ovarian cancer. Nature Communications, 2013, 4, 1628. | 5.8 | 144 |
| 86 | HIF-1Î± Promotes Glutamine-Mediated Redox Homeostasis and Glycogen-Dependent Bioenergetics to Support Postimplantation Bone Cell Survival. Cell Metabolism, 2016, 23, 265-279. | 7.2 | 142 |
| 87 | Genome-wide association study identifies a common variant associated with risk of endometrial cancer. Nature Genetics, 2011, 43, 451-454. | 9.4 | 141 |
| 88 | Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 2020, 579, 111-117. | 13.7 | 140 |
| 89 | Inhibition of Tumor Angiogenesis and Growth by a Small-Molecule Multi-FGF Receptor Blocker with Allosteric Properties. Cancer Cell, 2013, 23, 477-488. | 7.7 | 138 |
| 90 | Somatic Mutation Profiling and Associations With Prognosis and Trastuzumab Benefit in Early Breast Cancer. Journal of the National Cancer Institute, 2013, 105, 960-967. | 3.0 | 138 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Germline Mutation in BRCA1 or BRCA2 and Ten-Year Survival for Women Diagnosed with Epithelial Ovarian Cancer. Clinical Cancer Research, 2015, 21, 652-657. | 3.2 | 138 |
| 92 | Evidence of Geneâ€“Environment Interactions between Common Breast Cancer Susceptibility Loci and Established Environmental Risk Factors. PLoS Genetics, 2013, 9, e1003284. | 1.5 | 136 |
| 93 | Phylogenetic analysis of metastatic progression in breast cancer using somatic mutations and copy number aberrations. Nature Communications, 2017, 8, 14944. | 5.8 | 126 |
| 94 | Breast cancer risk variants at 6q25 display different phenotype associations and regulate ESR1, RMND1 and CCDC170. Nature Genetics, 2016, 48, 374-386. | 9.4 | 125 |
| 95 | Expression profiling of budding cells in colorectal cancer reveals an EMT-like phenotype and molecular subtype switching. British Journal of Cancer, 2017, 116, 58-65. | 2.9 | 124 |
| 96 | Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. Nature Genetics, 2020, 52, 56-73. | 9.4 | 120 |
| 97 | Novel Role for Vascular Endothelial Growth Factor (VEGF) Receptor-1 and Its Ligand VEGF-B in Motor Neuron Degeneration. Journal of Neuroscience, 2008, 28, 10451-10459. | 1.7 | 119 |
| 98 | Conservation of copy number profiles during engraftment and passaging of patient-derived cancer xenografts. Nature Genetics, 2021, 53, 86-99. | 9.4 | 118 |
| 99 | Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. Nature Genetics, 2016, 48, 519-527. | 9.4 | 117 |
| 100 | The P450 oxidoreductase *28 SNP is associated with low initial tacrolimus exposure and increased dose requirements in CYP3A5-expressing renal recipients. Pharmacogenomics, 2011, 12, 1281-1291. | 0.6 | 116 |
| 101 | Obesity and survival among women with ovarian cancer: results from the Ovarian Cancer Association Consortium. British Journal of Cancer, 2015, 113, 817-826. | 2.9 | 111 |
| 102 | Association of vitamin D levels and risk of ovarian cancer: a Mendelian randomization study. International Journal of Epidemiology, 2016, 45, 1619-1630. | 0.9 | 111 |
| 103 | Common Breast Cancer Susceptibility Loci Are Associated with Triple-Negative Breast Cancer. Cancer Research, 2011, 71, 6240-6249. | 0.4 | 109 |
| 104 | ABCA Transporter Gene Expression and Poor Outcome in Epithelial Ovarian Cancer. Journal of the National Cancer Institute, 2014, 106, . | 3.0 | 107 |
| 105 | Identification of a BRCA2-Specific Modifier Locus at 6p24 Related to Breast Cancer Risk. PLoS Genetics, 2013, 9, e1003173. | 1.5 | 105 |
| 106 | Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. Nature Communications, 2014, 5, 4999. | 5.8 | 105 |
| 107 | Developing Organoids from Ovarian Cancer as Experimental and Preclinical Models. Stem Cell Reports, 2020, 14, 717-729. | 2.3 | 105 |
| 108 | 19p13.1 Is a Triple-Negativeâ€“Specific Breast Cancer Susceptibility Locus. Cancer Research, 2012, 72, 1795-1803. | 0.4 | 100 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Height and Breast Cancer Risk: Evidence From Prospective Studies and Mendelian Randomization. Journal of the National Cancer Institute, 2015, 107, djv219. | 3.0 | 99 |
| 110 | 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, 1046-1060. | 2.6 | 98 |
| 111 | Identification and molecular characterization of a new ovarian cancer susceptibility locus at 17q21.31. Nature Communications, 2013, 4, 1627. | 5.8 | 98 |
| 112 | Lineage-specific functions of TET1 in the postimplantation mouse embryo. Nature Genetics, 2017, 49, 1061-1072. | 9.4 | 96 |
| 113 | Vitamin D status at breast cancer diagnosis: correlation with tumor characteristics, disease outcome, and genetic determinants of vitamin D insufficiency. Carcinogenesis, 2012, 33, 1319-1326. | 1.3 | 95 |
| 114 | Somatic Profiling of the Epidermal Growth Factor Receptor Pathway in Tumors from Patients with Advanced Colorectal Cancer Treated with Chemotherapy Â± Cetuximab. Clinical Cancer Research, 2013, 19, 4104-4113. | 3.2 | 95 |
| 115 | No evidence that protein truncating variants inBRIP1are associated with breast cancer risk: implications for gene panel testing. Journal of Medical Genetics, 2016, 53, 298-309. | 1.5 | 94 |
| 116 | Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. Nature Communications, 2016, 7, 11375. | 5.8 | 93 |
| 117 | The 15q24/25 Susceptibility Variant for Lung Cancer and Chronic Obstructive Pulmonary Disease Is Associated with Emphysema. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 486-493. | 2.5 | 92 |
| 118 | VEGF at the neurovascular interface: Therapeutic implications for motor neuron disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 1109-1121. | 1.8 | 91 |
| 119 | Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. Nature Communications, 2019, 10, 1741. | 5.8 | 90 |
| 120 | Single-nucleotide polymorphisms associated with outcome in metastatic renal cell carcinoma treated with sunitinib. British Journal of Cancer, 2013, 108, 887-900. | 2.9 | 88 |
| 121 | Joint associations of a polygenic risk score and environmental risk factors for breast cancer in the Breast Cancer Association Consortium. International Journal of Epidemiology, 2018, 47, 526-536. | 0.9 | 88 |
| 122 | Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431. | 5.8 | 88 |
| 123 | Role of Gas6 in erythropoiesis and anemia in mice. Journal of Clinical Investigation, 2008, 118, 583-96. | 3.9 | 84 |
| 124 | Evolutionary predictability of genetic versus nongenetic resistance to anticancer drugs in melanoma. Cancer Cell, 2021, 39, 1135-1149.e8. | 7.7 | 83 |
| 125 | Assessing interactions between the associations of common genetic susceptibility variants, reproductive history and body mass index with breast cancer risk in the breast cancer association consortium: a combined case-control study. Breast Cancer Research, 2010, 12, R110. | 2.2 | 82 |
| 126 | Associations of obesity and circulating insulin and glucose with breast cancer risk: a Mendelian randomization analysis. International Journal of Epidemiology, 2019, 48, 795-806. | 0.9 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Clinical practice guidelines for BRCA1 and BRCA2 genetic testing. European Journal of Cancer, 2021, 146, 30-47. | 1.3 | 81 |
| 128 | Endovascular Treatment of the Descending Thoracic Aorta. European Journal of Vascular and Endovascular Surgery, 2003, 26, 437-444. | 0.8 | 80 |
| 129 | The role of genetic breast cancer susceptibility variants as prognostic factors. Human Molecular Genetics, 2012, 21, 3926-3939. | 1.4 | 80 |
| 130 | Chromosomal Instability in Cell-Free DNA as a Highly Specific Biomarker for Detection of Ovarian Cancer in Women with Adnexal Masses. Clinical Cancer Research, 2017, 23, 2223-2231. | 3.2 | 80 |
| 131 | Genome-wide significant risk associations for mucinous ovarian carcinoma. Nature Genetics, 2015, 47, 888-897. | 9.4 | 78 |
| 132 | Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breastâ€“ovarian cancer susceptibility locus. Nature Communications, 2016, 7, 12675. | 5.8 | 78 |
| 133 | Five endometrial cancer risk loci identified through genome-wide association analysis. Nature Genetics, 2016, 48, 667-674. | 9.4 | 77 |
| 134 | BRCA2 Polymorphic Stop Codon K3326X and the Risk of Breast, Prostate, and Ovarian Cancers. Journal of the National Cancer Institute, 2016, 108, djv315. | 3.0 | 77 |
| 135 | PHGDH heterogeneity potentiates cancerÂcell dissemination and metastasis. Nature, 2022, 605, 747-753. | 13.7 | 77 |
| 136 | The Association of the 4q25 Susceptibility Variant for Atrial Fibrillation With Stroke Is Limited to Stroke of Cardioembolic Etiology. Stroke, 2010, 41, 1850-1857. | 1.0 | 76 |
| 137 | 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. | 2.6 | 76 |
| 138 | Matrix-Binding Vascular Endothelial Growth Factor (VEGF) Isoforms Guide Granule Cell Migration in the Cerebellum via VEGF Receptor Flk1. Journal of Neuroscience, 2010, 30, 15052-15066. | 1.7 | 75 |
| 139 | BRCA2 Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. Cancer Research, 2017, 77, 2789-2799. | 0.4 | 75 |
| 140 | Uncovering the genomic heterogeneity of multifocal breast cancer. Journal of Pathology, 2015, 236, 457-466. | 2.1 | 72 |
| 141 | Associations of common variants at 1p11.2 and 14q24.1 (RAD51L1) with breast cancer risk and heterogeneity by tumor subtype: findings from the Breast Cancer Association Consortiumâ€. Human Molecular Genetics, 2011, 20, 4693-4706. | 1.4 | 71 |
| 142 | Adult body mass index and risk of ovarian cancer by subtype: a Mendelian randomization study. International Journal of Epidemiology, 2016, 45, 884-895. | 0.9 | 71 |
| 143 | Somatic POLE exonuclease domain mutations are early events in sporadic endometrial and colorectal carcinogenesis, determining driver mutational landscape, clonal neoantigen burden and immune response. Journal of Pathology, 2018, 245, 283-296. | 2.1 | 71 |
| 144 | Mismatch repair deficiency endows tumors with a unique mutation signature and sensitivity to DNA double-strand breaks. ELife, 2014, 3, e02725. | 2.8 | 71 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Meta-analysis of vascular endothelial growth factor variations in amyotrophic lateral sclerosis: increased susceptibility in male carriers of the -2578AA genotype. Journal of Medical Genetics, 2009, 46, 840-846. | 1.5 | 70 |
| 146 | High-grade serous tubo-ovarian cancer refined with single-cell RNA sequencing: specific cell subtypes influence survival and determine molecular subtype classification. Genome Medicine, 2021, 13, 111. | 3.6 | 70 |
| 147 | High-throughput interrogation of PIK3CA, PTEN, KRAS, FBXW7 and TP53 mutations in primary endometrial carcinoma. Gynecologic Oncology, 2013, 128, 327-334. | 0.6 | 68 |
| 148 | Shared genetics underlying epidemiological association between endometriosis and ovarian cancer. Human Molecular Genetics, 2015, 24, 5955-5964. | 1.4 | 68 |
| 149 | European experts consensus: BRCA/homologous recombination deficiency testing in first-line ovarian cancer. Annals of Oncology, 2022, 33, 276-287. | 0.6 | 68 |
| 150 | Genetic modifiers of CHEK2*1100delC-associated breast cancer risk. Genetics in Medicine, 2017, 19, 599-603. | 1.1 | 67 |
| 151 | The Cancer Cell Oxygen Sensor PHD2 Promotes Metastasis via Activation of Cancer-Associated Fibroblasts. Cell Reports, 2015, 12, 992-1005. | 2.9 | 66 |
| 152 | Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. Thorax, 2017, 72, 998-1006. | 2.7 | 65 |
| 153 | Microglial Upregulation of Progranulin as a Marker of Motor Neuron Degeneration. Journal of Neuropathology and Experimental Neurology, 2010, 69, 1191-1200. | 0.9 | 64 |
| 154 | Genetic Risk Score Mendelian Randomization Shows that Obesity Measured as Body Mass Index, but not Waist:Hip Ratio, Is Causal for Endometrial Cancer. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1503-1510. | 1.1 | 64 |
| 155 | Neurogenic Radial Glia-like Cells in Meninges Migrate and Differentiate into Functionally Integrated Neurons in the Neonatal Cortex. Cell Stem Cell, 2017, 20, 360-373.e7. | 5.2 | 64 |
| 156 | DNA methylation-driven EMT is a common mechanism of resistance to various therapeutic agents in cancer. Clinical Epigenetics, 2020, 12, 27. | 1.8 | 64 |
| 157 | Cis-eQTL analysis and functional validation of candidate susceptibility genes for high-grade serous ovarian cancer. Nature Communications, 2015, 6, 8234. | 5.8 | 63 |
| 158 | Implementing liquid biopsies into clinical decision making for cancer immunotherapy. Oncotarget, 2017, 8, 48507-48520. | 0.8 | 63 |
| 159 | CYP19A1 fine-mapping and Mendelian randomization: estradiol is causal for endometrial cancer. Endocrine-Related Cancer, 2016, 23, 77-91. | 1.6 | 62 |
| 160 | Genetic overlap between endometriosis and endometrial cancer: evidence from crossâ€disease genetic correlation and GWAS metaâ€analyses. Cancer Medicine, 2018, 7, 1978-1987. | 1.3 | 62 |
| 161 | Clinical and genetic risk factors for epirubicin-induced cardiac toxicity in early breast cancer patients. Breast Cancer Research and Treatment, 2015, 152, 67-76. | 1.1 | 61 |
| 162 | Low expression VEGF haplotype increases the risk for tetralogy of Fallot: a family based association study. Journal of Medical Genetics, 2005, 42, 519-522. | 1.5 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | 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. | 2.6 | 59 |
| 164 | Integrated genome analysis of uterine leiomyosarcoma to identify novel driver genes and targetable pathways. International Journal of Cancer, 2018, 142, 1230-1243. | 2.3 | 59 |
| 165 | Increased ILâ€10â€producing regulatory T cells are characteristic of severe cases of COVIDâ€19. Clinical and Translational Immunology, 2020, 9, e1204. | 1.7 | 59 |
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