

Celine M Vachon

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.

271
papers

14,710
citations

63
h-index

116
g-index

283
ext. papers

17,916
ext. citations

8.5
avg, IF

5.45
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 271 | Rare germline copy number variants (CNVs) and breast cancer risk.. <i>Communications Biology</i> , 2022 , 5, 65 | 6.7 | 0 |
| 270 | Common variants in breast cancer risk loci predispose to distinct tumor subtypes.. <i>Breast Cancer Research</i> , 2022 , 24, 2 | 8.3 | 3 |
| 269 | Breast Density Knowledge and Awareness Among Latinas in a Low-Resource Setting.. <i>Journal of the American College of Radiology</i> , 2022 , 19, 155-161 | 3.5 | |
| 268 | Breast Cancer Screening Strategies for Women With ATM, CHEK2, and PALB2 Pathogenic Variants: A Comparative Modeling Analysis.. <i>JAMA Oncology</i> , 2022 , | 13.4 | 5 |
| 267 | Genome-wide and transcriptome-wide association studies of mammographic density phenotypes reveal novel loci.. <i>Breast Cancer Research</i> , 2022 , 24, 27 | 8.3 | 1 |
| 266 | Body mass index associated with monoclonal gammopathy of undetermined significance (MGUS) progression in Olmsted County, Minnesota.. <i>Blood Cancer Journal</i> , 2022 , 12, 67 | 7 | 1 |
| 265 | Genome-wide interaction analysis of menopausal hormone therapy use and breast cancer risk among 62,370 women.. <i>Scientific Reports</i> , 2022 , 12, 6199 | 4.9 | |
| 264 | Genome-wide meta-analysis of monoclonal gammopathy of undetermined significance (MGUS) identifies risk loci impacting IRF-6.. <i>Blood Cancer Journal</i> , 2022 , 12, 60 | 7 | |
| 263 | Antimullerian Hormone as a Serum Biomarker for Risk of Chemotherapy-Induced Amenorrhea. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 1105-1108 | 9.7 | 3 |
| 262 | Simplified Breast Risk Tool Integrating Questionnaire Risk Factors, Mammographic Density, and Polygenic Risk Score: Development and Validation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 600-607 | 4 | 4 |
| 261 | 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 |
| 260 | Association of EDARV370A with breast density and metabolic syndrome in Latinos. <i>PLoS ONE</i> , 2021 , 16, e0258212 | 3.7 | 2 |
| 259 | Germline Pathogenic Variants in Cancer Predisposition Genes Among Women With Invasive Lobular Carcinoma of the Breast. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3918-3926 | 2.2 | 6 |
| 258 | Incorporating Robustness to Imaging Physics into Radiomic Feature Selection for Breast Cancer Risk Estimation. <i>Cancers</i> , 2021 , 13, | 6.6 | 2 |
| 257 | Sequencing at lymphoid neoplasm susceptibility loci maps six myeloma risk genes. <i>Human Molecular Genetics</i> , 2021 , 30, 1142-1153 | 5.6 | |
| 256 | Genetic Predictors of Chemotherapy-Induced Peripheral Neuropathy from Paclitaxel, Carboplatin and Oxaliplatin: NCCTG/Alliance N08C1, N08CA and N08CB Study. <i>Cancers</i> , 2021 , 13, | 6.6 | 6 |
| 255 | Expression quantitative trait loci of genes predicting outcome are associated with survival of multiple myeloma patients. <i>International Journal of Cancer</i> , 2021 , 149, 327-336 | 7.5 | 1 |

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| 254 | Prospective evaluation of a breast-cancer risk model integrating classical risk factors and polygenic risk in 15 cohorts from six countries. <i>International Journal of Epidemiology</i> , 2021 , | 7.8 | 6 |
| 253 | Natural history of monoclonal B-cell lymphocytosis among relatives in CLL families. <i>Blood</i> , 2021 , 137, 2046-2056 | 2.2 | 4 |
| 252 | Automated Quantitative Measures of Terminal Duct Lobular Unit Involution and Breast Cancer Risk-Letter. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 797 | 4 | 0 |
| 251 | Automated percent mammographic density, mammographic texture variation, and risk of breast cancer: a nested case-control study. <i>Npj Breast Cancer</i> , 2021 , 7, 68 | 7.8 | 1 |
| 250 | 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 |
| 249 | Risk of Late-Onset Breast Cancer in Genetically Predisposed Women. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3430-3440 | 2.2 | 3 |
| 248 | 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 |
| 247 | Background Parenchymal Uptake on Molecular Breast Imaging and Breast Cancer Risk: A Cohort Study. <i>American Journal of Roentgenology</i> , 2021 , 216, 1193-1204 | 5.4 | 5 |
| 246 | Impact of Personalized Genetic Breast Cancer Risk Estimation With Polygenic Risk Scores on Preventive Endocrine Therapy Intention and Uptake. <i>Cancer Prevention Research</i> , 2021 , 14, 175-184 | 3.2 | 3 |
| 245 | 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 |
| 244 | Association of mammographic density measures and breast cancer "intrinsic" molecular subtypes. <i>Breast Cancer Research and Treatment</i> , 2021 , 187, 215-224 | 4.4 | 3 |
| 243 | Genetic Variations and Health-Related Quality of Life (HRQOL): A Genome-Wide Study Approach. <i>Cancers</i> , 2021 , 13, | 6.6 | 1 |
| 242 | 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 |
| 241 | A Population-Based Study of Genes Previously Implicated in Breast Cancer. <i>New England Journal of Medicine</i> , 2021 , 384, 440-451 | 59.2 | 115 |
| 240 | Association of Daily Alcohol Intake, Volumetric Breast Density, and Breast Cancer Risk. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa124 | 4.6 | 0 |
| 239 | Polygenic risk score and risk of monoclonal B-cell lymphocytosis in caucasians and risk of chronic lymphocytic leukemia (CLL) in African Americans. <i>Leukemia</i> , 2021 , | 10.7 | 1 |
| 238 | Mammographic Variation Measures, Breast Density, and Breast Cancer Risk. <i>American Journal of Roentgenology</i> , 2021 , 217, 326-335 | 5.4 | 3 |
| 237 | 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 |

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| 236 | Risk of Breast Cancer Among Carriers of Pathogenic Variants in Breast Cancer Predisposition Genes Varies by Polygenic Risk Score. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2564-2573 | 2.2 | 12 |
| 235 | 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 |
| 234 | Genetic determinants of multiple myeloma risk within the Wnt/beta-catenin signaling pathway. <i>Cancer Epidemiology</i> , 2021 , 73, 101972 | 2.8 | |
| 233 | Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397 | 50.4 | 28 |
| 232 | Deep Learning Predicts Interval and Screening-detected Cancer from Screening Mammograms: A Case-Case-Control Study in 6369 Women. <i>Radiology</i> , 2021 , 301, 550-558 | 20.5 | 2 |
| 231 | Fully Automated Volumetric Breast Density Estimation from Digital Breast Tomosynthesis. <i>Radiology</i> , 2021 , 301, 561-568 | 20.5 | 3 |
| 230 | Deep-LIBRA: An artificial-intelligence method for robust quantification of breast density with independent validation in breast cancer risk assessment. <i>Medical Image Analysis</i> , 2021 , 73, 102138 | 15.4 | 7 |
| 229 | Factors Associated With Severe COVID-19 Infection Among Persons of Different Ages Living in a Defined Midwestern US Population. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2528-2539 | 6.4 | 0 |
| 228 | 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 |
| 227 | 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 |
| 226 | Evaluation of LIBRA Software for Fully Automated Mammographic Density Assessment in Breast Cancer Risk Prediction. <i>Radiology</i> , 2020 , 296, 24-31 | 20.5 | 5 |
| 225 | Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk. <i>Scientific Reports</i> , 2020 , 10, 9688 | 4.9 | 2 |
| 224 | The CCND1 c.870G risk allele is enriched in individuals of African ancestry with plasma cell dyscrasias. <i>Blood Cancer Journal</i> , 2020 , 10, 39 | 7 | 1 |
| 223 | Coinherited genetics of multiple myeloma and its precursor, monoclonal gammopathy of undetermined significance. <i>Blood Advances</i> , 2020 , 4, 2789-2797 | 7.8 | 8 |
| 222 | Transcriptome-wide association study of breast cancer risk by estrogen-receptor status. <i>Genetic Epidemiology</i> , 2020 , 44, 442-468 | 2.6 | 9 |
| 221 | The Association of Modifiable Breast Cancer Risk Factors and Somatic Genomic Alterations in Breast Tumors: The Cancer Genome Atlas Network. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 599-605 | 4 | 4 |
| 220 | A network analysis to identify mediators of germline-driven differences in breast cancer prognosis. <i>Nature Communications</i> , 2020 , 11, 312 | 17.4 | 20 |
| 219 | Tumor mutational load predicts time to first treatment in chronic lymphocytic leukemia (CLL) and monoclonal B-cell lymphocytosis beyond the CLL international prognostic index. <i>American Journal of Hematology</i> , 2020 , 95, 906-917 | 7.1 | 6 |

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| 218 | Polygenic Risk Score and Risk of Chronic Lymphocytic Leukemia, Monoclonal B-Cell Lymphocytosis (MBL), and MBL Subtypes. <i>Blood</i> , 2020 , 136, 35-36 | 2.2 | |
| 217 | Comparison of MGUS Prevalence By Race and Family History Risk Groups Using a High Sensitivity Screening Method (MASS-FIX). <i>Blood</i> , 2020 , 136, 40-41 | 2.2 | 1 |
| 216 | Body Mass Index and Clinical Factors Associated with Monoclonal Gammopathy of Undetermined Significance (MGUS) Progression in Olmsted County, Minnesota. <i>Blood</i> , 2020 , 136, 15-16 | 2.2 | |
| 215 | Prevalence of Familial Plasma Cell Disorders in Patients with Multiple Myeloma. <i>Blood</i> , 2020 , 136, 1-2 | 2.2 | |
| 214 | Assessing vitamin D and mammographic breast density in Alaskan women. <i>Clinics and Practice</i> , 2020 , 10, 1253 | 2.4 | 3 |
| 213 | Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. <i>Nature Genetics</i> , 2020 , 52, 56-73 | 36.3 | 56 |
| 212 | Breast Density Awareness, Knowledge, and Attitudes Among US Women: National Survey Results Across 5 Years. <i>Journal of the American College of Radiology</i> , 2020 , 17, 391-404 | 3.5 | 10 |
| 211 | Breast Cancer Risk and Use of Nonsteroidal Anti-inflammatory Agents After a Benign Breast Biopsy. <i>Cancer Prevention Research</i> , 2020 , 13, 967-976 | 3.2 | 3 |
| 210 | Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. <i>American Journal of Human Genetics</i> , 2020 , 107, 837-848 | 11 | 12 |
| 209 | Free Light Chain Assay Drift: Potential for Misdiagnosis?. <i>journal of applied laboratory medicine, The</i> , 2020 , 5, 1411-1413 | 2 | 2 |
| 208 | Accuracy of self-reported cancer treatment data in young breast cancer survivors. <i>Journal of Patient-Reported Outcomes</i> , 2019 , 3, 24 | 2.6 | 3 |
| 207 | Two truncating variants in FANCC and breast cancer risk. <i>Scientific Reports</i> , 2019 , 9, 12524 | 4.9 | 2 |
| 206 | Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019 , 10, 431 | 17.4 | 45 |
| 205 | Joint association of mammographic density adjusted for age and body mass index and polygenic risk score with breast cancer risk. <i>Breast Cancer Research</i> , 2019 , 21, 68 | 8.3 | 18 |
| 204 | Discussions of Dense Breasts, Breast Cancer Risk, and Screening Choices in 2019. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 69-70 | 27.4 | 8 |
| 203 | Longitudinal Changes in Volumetric Breast Density in Healthy Women across the Menopausal Transition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1324-1330 | 4 | 8 |
| 202 | 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 |
| 201 | Impact of short-term low-dose tamoxifen on molecular breast imaging background parenchymal uptake: a pilot study. <i>Breast Cancer Research</i> , 2019 , 21, 38 | 8.3 | 7 |

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| 200 | Body mass index, mammographic density, and breast cancer risk by estrogen receptor subtype. <i>Breast Cancer Research</i> , 2019 , 21, 48 | 8.3 | 35 |
| 199 | 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 |
| 198 | Incidence of AL Amyloidosis in Olmsted County, Minnesota, 1990 through 2015. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 465-471 | 6.4 | 47 |
| 197 | Association of elevated serumfree light chains with chronic lymphocytic leukemia and monoclonal B-cell lymphocytosis. <i>Blood Cancer Journal</i> , 2019 , 9, 59 | 7 | 2 |
| 196 | Genetic predictors of chemotherapy-related amenorrhea in women with breast cancer. <i>Fertility and Sterility</i> , 2019 , 112, 731-739.e1 | 4.8 | 5 |
| 195 | Associations of mammographic breast density with breast stem cell marker-defined breast cancer subtypes. <i>Cancer Causes and Control</i> , 2019 , 30, 1103-1111 | 2.8 | 4 |
| 194 | Automated volumetric breast density measures: differential change between breasts in women with and without breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 118 | 8.3 | 7 |
| 193 | Association between a Polygenic Risk Score for Multiple Myeloma Risk and Overall Survival. <i>Blood</i> , 2019 , 134, 4366-4366 | 2.2 | |
| 192 | Germline Variation Predicts Treatment Response in Multiple Myeloma. <i>Blood</i> , 2019 , 134, 4397-4397 | 2.2 | |
| 191 | The CCND1 870G Risk Allele Is Enriched in African Individuals with Plasma Cell Dyscrasias. <i>Blood</i> , 2019 , 134, 4362-4362 | 2.2 | |
| 190 | Tumor Mutational Load and Germline Polygenic Risk Score Predicts Time-to-First Treatment in Chronic Lymphocytic Leukemia (CLL) and High-Count Monoclonal B Cell Lymphocytosis (MBL). <i>Blood</i> , 2019 , 134, 852-852 | 2.2 | |
| 189 | Breast Cancer Classification using Deep Transfer Learning on Structured Healthcare Data 2019 , | | 1 |
| 188 | Behavioral and psychological impact of returning breast density results to Latinas: study protocol for a randomized clinical trial. <i>Trials</i> , 2019 , 20, 744 | 2.8 | 3 |
| 187 | Detection and prevalence of monoclonal gammopathy of undetermined significance: a study utilizing mass spectrometry-based monoclonal immunoglobulin rapid accurate mass measurement. <i>Blood Cancer Journal</i> , 2019 , 9, 102 | 7 | 27 |
| 186 | Risk of MGUS in relatives of multiple myeloma cases by clinical and tumor characteristics. <i>Leukemia</i> , 2019 , 33, 499-507 | 10.7 | 4 |
| 185 | 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 |
| 184 | Molecular mechanisms linking high body mass index to breast cancer etiology in post-menopausal breast tumor and tumor-adjacent tissues. <i>Breast Cancer Research and Treatment</i> , 2019 , 173, 667-677 | 4.4 | 16 |
| 183 | Radiomic Phenotypes of Mammographic Parenchymal Complexity: Toward Augmenting Breast Density in Breast Cancer Risk Assessment. <i>Radiology</i> , 2019 , 290, 41-49 | 20.5 | 36 |

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|-----|---|------|-----|
| 182 | Stroma modifies relationships between risk factor exposure and age-related epithelial involution in benign breast. <i>Modern Pathology</i> , 2018 , 31, 1085-1096 | 9.8 | 5 |
| 181 | Does mammographic density mediate risk factor associations with breast cancer? An analysis by tumor characteristics. <i>Breast Cancer Research and Treatment</i> , 2018 , 170, 129-141 | 4.4 | 7 |
| 180 | Association of polygenic risk score with the risk of chronic lymphocytic leukemia and monoclonal B-cell lymphocytosis. <i>Blood</i> , 2018 , 131, 2541-2551 | 2.2 | 15 |
| 179 | Prenatal diethylstilbestrol exposure and mammographic density. <i>International Journal of Cancer</i> , 2018 , 143, 1374-1378 | 7.5 | 0 |
| 178 | Common Genetic Variation and Breast Cancer Risk-Past, Present, and Future. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 380-394 | 4 | 65 |
| 177 | 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 |
| 176 | Germline Lysine-Specific Demethylase 1 () Mutations Confer Susceptibility to Multiple Myeloma. <i>Cancer Research</i> , 2018 , 78, 2747-2759 | 10.1 | 32 |
| 175 | Quantitative background parenchymal uptake on molecular breast imaging and breast cancer risk: a case-control study. <i>Breast Cancer Research</i> , 2018 , 20, 46 | 8.3 | 8 |
| 174 | Automated and Clinical Breast Imaging Reporting and Data System Density Measures Predict Risk for Screen-Detected and Interval Cancers: A Case-Control Study. <i>Annals of Internal Medicine</i> , 2018 , 168, 757-765 | 8 | 42 |
| 173 | The National Cancer Institute Cohort Consortium: An International Pooling Collaboration of 58 Cohorts from 20 Countries. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 1307-1319 | 4 | 11 |
| 172 | The association of mammographic density with risk of contralateral breast cancer and change in density with treatment in the WECARE study. <i>Breast Cancer Research</i> , 2018 , 20, 23 | 8.3 | 18 |
| 171 | Identification of nine new susceptibility loci for endometrial cancer. <i>Nature Communications</i> , 2018 , 9, 3166 | 17.4 | 70 |
| 170 | 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 |
| 169 | Polygenic risk score for breast cancer in high-risk women.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1508-1508 | 8 | 8 |
| 168 | Novel pedigree analysis implicates DNA repair and chromatin remodeling in multiple myeloma risk. <i>PLoS Genetics</i> , 2018 , 14, e1007111 | 6 | 20 |
| 167 | Accuracy of self-reported chemotherapy regimens in young breast cancer survivors.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e22143-e22143 | 2.2 | |
| 166 | Clonal Hematopoiesis of Indeterminate Potential (CHIP) and Chronic Lymphocytic Leukemia (CLL) Driver Genes: Risk of CLL and Monoclonal B-Cell Lymphocytosis (MBL). <i>Blood</i> , 2018 , 132, 3116-3116 | 2.2 | |
| 165 | Genomic Abnormalities Among African Individuals with Monoclonal Gammopathies Using Calculated Ancestry. <i>Blood</i> , 2018 , 132, 4458-4458 | 2.2 | |

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| 164 | Large-Scale Linkage Analysis of Multiple Myeloma (MM) and Monoclonal Gammopathy of Undetermined Significance (MGUS) Families. <i>Blood</i> , 2018 , 132, 4501-4501 | 2.2 | |
| 163 | Model for Predicting Breast Cancer Risk in Women With Atypical Hyperplasia. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1840-1846 | 2.2 | 13 |
| 162 | Differences in genomic abnormalities among African individuals with monoclonal gammopathies using calculated ancestry. <i>Blood Cancer Journal</i> , 2018 , 8, 96 | 7 | 29 |
| 161 | Evaluation of 2 breast cancer risk models in a benign breast disease cohort. <i>Cancer</i> , 2018 , 124, 3319-3328 | 4 | 3 |
| 160 | Longitudinal Changes in Volumetric Breast Density with Tamoxifen and Aromatase Inhibitors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 930-937 | 4 | 26 |
| 159 | Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. <i>Breast Cancer Research and Treatment</i> , 2017 , 165, 421-431 | 4.4 | 9 |
| 158 | Mammographic breast density and risk of breast cancer in women with atypical hyperplasia: an observational cohort study from the Mayo Clinic Benign Breast Disease (BBD) cohort. <i>BMC Cancer</i> , 2017 , 17, 84 | 4.8 | 17 |
| 157 | Association analysis identifies 65 new breast cancer risk loci. <i>Nature</i> , 2017 , 551, 92-94 | 50.4 | 643 |
| 156 | Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. <i>Nature Genetics</i> , 2017 , 49, 1767-1778 | 36.3 | 186 |
| 155 | Combining quantitative and qualitative breast density measures to assess breast cancer risk. <i>Breast Cancer Research</i> , 2017 , 19, 97 | 8.3 | 22 |
| 154 | Tissue-based associations of mammographic breast density with breast stem cell markers. <i>Breast Cancer Research</i> , 2017 , 19, 100 | 8.3 | 4 |
| 153 | Alcohol consumption and breast tumor gene expression. <i>Breast Cancer Research</i> , 2017 , 19, 108 | 8.3 | 18 |
| 152 | Association between mammographic breast density and histologic features of benign breast disease. <i>Breast Cancer Research</i> , 2017 , 19, 134 | 8.3 | 15 |
| 151 | NanoString-based breast cancer risk prediction for women with sclerosing adenosis. <i>Breast Cancer Research and Treatment</i> , 2017 , 166, 641-650 | 4.4 | 6 |
| 150 | Body mass index and breast cancer survival: a Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2017 , 46, 1814-1822 | 7.8 | 27 |
| 149 | Mammographic density and ageing: A collaborative pooled analysis of cross-sectional data from 22 countries worldwide. <i>PLoS Medicine</i> , 2017 , 14, e1002335 | 11.6 | 63 |
| 148 | Using Breast Cancer Risk Associated Polymorphisms to Identify Women for Breast Cancer Chemoprevention. <i>PLoS ONE</i> , 2017 , 12, e0168601 | 3.7 | 14 |
| 147 | Breast cancer risk by the extent and type of atypical hyperplasia. <i>Cancer</i> , 2016 , 122, 3087-8 | 6.4 | 5 |

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|-----|---|------|-----|
| 146 | Extent of atypical hyperplasia stratifies breast cancer risk in 2 independent cohorts of women. <i>Cancer</i> , 2016 , 122, 2971-8 | 6.4 | 39 |
| 145 | Breast cancer risk prediction using a clinical risk model and polygenic risk score. <i>Breast Cancer Research and Treatment</i> , 2016 , 159, 513-25 | 4.4 | 82 |
| 144 | rs2735383, located at a microRNA binding site in the 3'UTR of NBS1, is not associated with breast cancer risk. <i>Scientific Reports</i> , 2016 , 6, 36874 | 4.9 | 2 |
| 143 | Genome-Wide Meta-Analyses of Breast, Ovarian, and Prostate Cancer Association Studies Identify Multiple New Susceptibility Loci Shared by at Least Two Cancer Types. <i>Cancer Discovery</i> , 2016 , 6, 1052-67 | 24.4 | 104 |
| 142 | Mammographic density is the main correlate of tumors detected on ultrasound but not on mammography. <i>International Journal of Cancer</i> , 2016 , 139, 1967-74 | 7.5 | 14 |
| 141 | Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. <i>Nature Communications</i> , 2016 , 7, 11375 | 17.4 | 64 |
| 140 | Functional mechanisms underlying pleiotropic risk alleles at the 19p13.1 breast-ovarian cancer susceptibility locus. <i>Nature Communications</i> , 2016 , 7, 12675 | 17.4 | 53 |
| 139 | Fine scale mapping of the 17q22 breast cancer locus using dense SNPs, genotyped within the Collaborative Oncological Gene-Environment Study (COGs). <i>Scientific Reports</i> , 2016 , 6, 32512 | 4.9 | 16 |
| 138 | Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016 , 7, 10933 | 17.4 | 70 |
| 137 | Mammographic density assessed on paired raw and processed digital images and on paired screen-film and digital images across three mammography systems. <i>Breast Cancer Research</i> , 2016 , 18, 130 | 8.3 | 11 |
| 136 | Age- and Tumor Subtype-Specific Breast Cancer Risk Estimates for CHEK2*1100delC Carriers. <i>Journal of Clinical Oncology</i> , 2016 , 34, 2750-60 | 2.2 | 107 |
| 135 | Background parenchymal uptake on molecular breast imaging as a breast cancer risk factor: a case-control study. <i>Breast Cancer Research</i> , 2016 , 18, 42 | 8.3 | 16 |
| 134 | International Consortium on Mammographic Density: Methodology and population diversity captured across 22 countries. <i>Cancer Epidemiology</i> , 2016 , 40, 141-51 | 2.8 | 13 |
| 133 | Personalizing Aspirin Use for Targeted Breast Cancer Chemoprevention in Postmenopausal Women. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 71-80 | 6.4 | 15 |
| 132 | Natural history of age-related lobular involution and impact on breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 2016 , 155, 423-30 | 4.4 | 23 |
| 131 | No evidence that protein truncating variants in BRIP1 are associated with breast cancer risk: implications for gene panel testing. <i>Journal of Medical Genetics</i> , 2016 , 53, 298-309 | 5.8 | 83 |
| 130 | Breast cancer risk variants at 6q25 display different phenotype associations and regulate ESR1, RMND1 and CCDC170. <i>Nature Genetics</i> , 2016 , 48, 374-86 | 36.3 | 93 |
| 129 | Comparison of Clinical and Automated Breast Density Measurements: Implications for Risk Prediction and Supplemental Screening. <i>Radiology</i> , 2016 , 279, 710-9 | 20.5 | 104 |

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|-----|---|------|-----|
| 128 | Skin Cancers Among Chronic Lymphocytic Leukemia (CLL) Patients - the Effect of UV Radiation and CLL Clinical Characteristics. <i>Blood</i> , 2016 , 128, 4772-4772 | 2.2 | 4 |
| 127 | Risk of Monoclonal Gammopathy of Undetermined Significance in First-Degree Relatives of Multiple Myeloma Cases By Cytogenetic Subtype. <i>Blood</i> , 2016 , 128, 4425-4425 | 2.2 | |
| 126 | Association of breast cancer risk with genetic variants showing differential allelic expression: Identification of a novel breast cancer susceptibility locus at 4q21. <i>Oncotarget</i> , 2016 , 7, 80140-80163 | 3.3 | 21 |
| 125 | Fine-Mapping of the 1p11.2 Breast Cancer Susceptibility Locus. <i>PLoS ONE</i> , 2016 , 11, e0160316 | 3.7 | 11 |
| 124 | PALB2, CHEK2 and ATM rare variants and cancer risk: data from COGS. <i>Journal of Medical Genetics</i> , 2016 , 53, 800-811 | 5.8 | 121 |
| 123 | Mammographic texture and risk of breast cancer by tumor type and estrogen receptor status. <i>Breast Cancer Research</i> , 2016 , 18, 122 | 8.3 | 25 |
| 122 | Unsupervised Deep Learning Applied to Breast Density Segmentation and Mammographic Risk Scoring. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 1322-1331 | 11.7 | 269 |
| 121 | Genes associated with histopathologic features of triple negative breast tumors predict molecular subtypes. <i>Breast Cancer Research and Treatment</i> , 2016 , 157, 117-31 | 4.4 | 17 |
| 120 | A Meta-analysis of Multiple Myeloma Risk Regions in African and European Ancestry Populations Identifies Putatively Functional Loci. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1609-1618 | 4 | 13 |
| 119 | Inherited variants in the inner centromere protein (INCENP) gene of the chromosomal passenger complex contribute to the susceptibility of ER-negative breast cancer. <i>Carcinogenesis</i> , 2015 , 36, 256-71 | 4.6 | 12 |
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