

Melissa A Troester

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.

172
papers

6,761
citations

33
h-index

79
g-index

185
ext. papers

8,107
ext. citations

6.5
avg, IF

5.29
L-index

#	Paper	IF	Citations
172	Rare germline copy number variants (CNVs) and breast cancer risk.. <i>Communications Biology</i> , 2022 , 5, 65	6.7	0
171	Common variants in breast cancer risk loci predispose to distinct tumor subtypes.. <i>Breast Cancer Research</i> , 2022 , 24, 2	8.3	3
170	Racial differences in breast cancer outcomes by hepatocyte growth factor pathway expression.. <i>Breast Cancer Research and Treatment</i> , 2022 , 192, 447	4.4	
169	Linking Structural Racism and Discrimination and Breast Cancer Outcomes: A Social Genomics Approach.. <i>Journal of Clinical Oncology</i> , 2022 , JCO2102004	2.2	2
168	Breast cancer treatment patterns by age and time since last pregnancy in the Carolina Breast Cancer Study Phase III.. <i>Breast Cancer Research and Treatment</i> , 2022 , 1	4.4	
167	The association between meat and fish intake by preparation methods and breast cancer in the Carolina Breast Cancer Study (CBCS).. <i>Breast Cancer Research and Treatment</i> , 2022 , 193, 187	4.4	1
166	Differences in somatic TP53 mutation type in breast tumors by race and receptor status.. <i>Breast Cancer Research and Treatment</i> , 2022 , 192, 639	4.4	0
165	A Genome-Wide Gene-Based Gene-Environment Interaction Study of Breast Cancer in More than 90,000 Women. <i>Cancer Research Communications</i> , 2022 , 2, 211-219		0
164	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	
163	Spatial Characterization of Tumor-Infiltrating Lymphocytes and Breast Cancer Progression.. <i>Cancers</i> , 2022 , 14,	6.6	2
162	Molecular and clinical characterization of postpartum-associated breast cancer in the Carolina Breast Cancer Study Phase I-III, 1993-2013. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 ,	4	1
161	APOBEC Mutagenesis Inhibits Breast Cancer Growth through Induction of T cell-Mediated Antitumor Immune Responses. <i>Cancer Immunology Research</i> , 2021 ,	12.5	1
160	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
159	A Validated Risk Prediction Model for Breast Cancer in US Black Women. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3866-3877	2.2	3
158	Gene level germline contributions to clinical risk of recurrence scores in Black and White breast cancer patients. <i>Cancer Research</i> , 2021 ,	10.1	1
157	Evaluating Polygenic Risk Scores for Breast Cancer in Women of African Ancestry. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 1168-1176	9.7	9
156	A Congener-specific and Mixture Analysis of Plasma Polychlorinated Biphenyl Levels and Incident Breast Cancer. <i>Epidemiology</i> , 2021 , 32, 499-507	3.1	1

155	Differences in risk factors for molecular subtypes of clear cell renal cell carcinoma. <i>International Journal of Cancer</i> , 2021 , 149, 1448-1454	7.5	1
154	Immune checkpoint blockade reprograms systemic immune landscape and tumor microenvironment in obesity-associated breast cancer. <i>Cell Reports</i> , 2021 , 35, 109285	10.6	7
153	Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. <i>Nature Communications</i> , 2021 , 12, 4198	17.4	1
152	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
151	Outcomes of Hormone-Receptor Positive, HER2-Negative Breast Cancers by Race and Tumor Biological Features. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa072	4.6	3
150	Local Transdermal Delivery of Telapristone Acetate Through Breast Skin, Compared With Oral Treatment: A Randomized Double-Blind, Placebo-Controlled Phase II Trial. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 109, 728-738	6.1	6
149	Epidemiology of Basal-like and Luminal Breast Cancers among Black Women in the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 71-79	4	5
148	An approach for normalization and quality control for NanoString RNA expression data. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	15
147	Epithelial p53 Status Modifies Stromal-Epithelial Interactions During Basal-Like Breast Carcinogenesis. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2021 , 26, 89-99	2.4	0
146	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
145	DeCompress: tissue compartment deconvolution of targeted mRNA expression panels using compressed sensing. <i>Nucleic Acids Research</i> , 2021 , 49, e48	20.1	1
144	Protein-based immune profiles of basal-like vs. luminal breast cancers. <i>Laboratory Investigation</i> , 2021 , 101, 785-793	5.9	2
143	Initiation and adherence to adjuvant endocrine therapy among urban, insured American Indian/Alaska Native breast cancer survivors. <i>Cancer</i> , 2021 , 127, 1847-1856	6.4	2
142	Breast Cancer Disparities Through the Lens of the COVID-19 Pandemic. <i>Current Breast Cancer Reports</i> , 2021 , 13, 1-3	0.8	3
141	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
140	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
139	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	30.4	28
138	Hepatocyte growth factor pathway expression in breast cancer by race and subtype. <i>Breast Cancer Research</i> , 2021 , 23, 80	8.3	1

137	Adherence to Endocrine Therapy and Racial Outcome Disparities in Breast Cancer. <i>Oncologist</i> , 2021 , 26, 910-915	5.7	1
136	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
135	JOINT AND INDIVIDUAL ANALYSIS OF BREAST CANCER HISTOLOGIC IMAGES AND GENOMIC COVARIATES.. <i>Annals of Applied Statistics</i> , 2021 , 15, 1697-1722	2.1	2
134	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
133	Integrating biology and access to care in addressing breast cancer disparities: 25 years of research experience in the Carolina Breast Cancer Study. <i>Current Breast Cancer Reports</i> , 2020 , 12, 149-160	0.8	0
132	Inter-Individual Variation in Response to Estrogen in Human Breast Explants. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2020 , 25, 51-68	2.4	4
131	Factors Associated with Endocrine Therapy Non-Adherence in Breast Cancer Survivors. <i>Psycho-Oncology</i> , 2020 , 29, 647-654	3.9	10
130	A framework for transcriptome-wide association studies in breast cancer in diverse study populations. <i>Genome Biology</i> , 2020 , 21, 42	18.3	20
129	Integrating access to care and tumor patterns by race and age in the Carolina Breast Cancer Study, 2008-2013. <i>Cancer Causes and Control</i> , 2020 , 31, 221-230	2.8	10
128	A network analysis to identify mediators of germline-driven differences in breast cancer prognosis. <i>Nature Communications</i> , 2020 , 11, 312	17.4	20
127	Plasma levels of polychlorinated biphenyls (PCBs) and breast cancer mortality: The Carolina Breast Cancer Study. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 227, 113522	6.9	9
126	Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. <i>Nature Genetics</i> , 2020 , 52, 56-73	36.3	56
125	Borderline Estrogen Receptor-Positive Breast Cancers in Black and White Women. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 728-736	9.7	5
124	Premenopausal gynecologic surgery and survival among black and white women with breast cancer. <i>Cancer Causes and Control</i> , 2020 , 31, 105-112	2.8	1
123	Tea consumption and breast cancer risk in a cohort of women with family history of breast cancer. <i>International Journal of Cancer</i> , 2020 , 147, 876-886	7.5	8
122	Risk factors for estrogen receptor positive ductal carcinoma in situ of the breast in African American women. <i>Breast</i> , 2020 , 49, 108-114	3.6	
121	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. <i>American Journal of Human Genetics</i> , 2020 , 107, 837-848	11	12
120	Radon and cancer mortality among underground uranium miners in the Pöbraz region of the Czech Republic. <i>American Journal of Industrial Medicine</i> , 2020 , 63, 859-867	2.7	5

119	Breast cancer treatment delays by socioeconomic and health care access latent classes in Black and White women. <i>Cancer</i> , 2020 , 126, 4957-4966	6.4	13
118	Bimodal age distribution at diagnosis in breast cancer persists across molecular and genomic classifications. <i>Breast Cancer Research and Treatment</i> , 2020 , 179, 185-195	4.4	4
117	Characterizing optical coherence tomography speckle fluctuation spectra of mammary organoids during suppression of intracellular motility. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 76-85	3.6	10
116	Two truncating variants in FANCC and breast cancer risk. <i>Scientific Reports</i> , 2019 , 9, 12524	4.9	2
115	Evidence for Etiologic Subtypes of Breast Cancer in the Carolina Breast Cancer Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1784-1791	4	3
114	A functional role for the cancer disparity-linked genes, CRYB2 and CRYB2P1, in the promotion of breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 105	8.3	10
113	Risk factors for Luminal A ductal carcinoma in situ (DCIS) and invasive breast cancer in the Carolina Breast Cancer Study. <i>PLoS ONE</i> , 2019 , 14, e0211488	3.7	6
112	Plasma levels of dichlorodiphenyldichloroethene (DDE) and dichlorodiphenyltrichloroethane (DDT) and survival following breast cancer in the Carolina Breast Cancer Study. <i>Environment International</i> , 2019 , 125, 161-171	12.9	13
111	Mortality and cancer incidence among underground uranium miners in the Czech Republic 1977-1992. <i>Occupational and Environmental Medicine</i> , 2019 , 76, 511-518	2.1	6
110	Lifestyle Patterns and Survival Following Breast Cancer in the Carolina Breast Cancer Study. <i>Epidemiology</i> , 2019 , 30, 83-92	3.1	14
109	Prepregnancy Diabetes and Breastfeeding Cessation Among Black Women in the United States. <i>Breastfeeding Medicine</i> , 2019 , 14, 249-255	2.1	1
108	Hormone therapy use and breast tissue DNA methylation: analysis of epigenome wide data from the normal breast study. <i>Epigenetics</i> , 2019 , 14, 146-157	5.7	4
107	Employment characteristics and cause-specific mortality at automotive electronics manufacturing plants in Huntsville, Alabama. <i>American Journal of Industrial Medicine</i> , 2019 , 62, 296-308	2.7	2
106	Alcohol and DNA Methylation: An Epigenome-Wide Association Study in Blood and Normal Breast Tissue. <i>American Journal of Epidemiology</i> , 2019 , 188, 1055-1065	3.8	25
105	Vascular density of histologically benign breast tissue from women with breast cancer: associations with tissue composition and tumor characteristics. <i>Human Pathology</i> , 2019 , 91, 43-51	3.7	0
104	Mode of detection and breast cancer mortality by follow-up time and tumor characteristics among screened women in Cancer Prevention Study-II. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 679-689	4.4	7
103	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
102	Using Digital Pathology to Understand Epithelial Characteristics of Benign Breast Disease among Women Undergoing Diagnostic Image-Guided Breast Biopsy. <i>Cancer Prevention Research</i> , 2019 , 12, 861-870	3.2	0

101	Mortality among autoworkers manufacturing electronics in Huntsville, Alabama. <i>American Journal of Industrial Medicine</i> , 2019 , 62, 282-295	2.7	1
100	Differences in race, molecular and tumor characteristics among women diagnosed with invasive ductal and lobular breast carcinomas. <i>Cancer Causes and Control</i> , 2019 , 30, 31-39	2.8	7
99	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
98	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
97	PAM50 and Risk of Recurrence Scores for Interval Breast Cancers. <i>Cancer Prevention Research</i> , 2018 , 11, 327-336	3.2	7
96	Quantification of the Effect of Toxicants on the Intracellular Kinetic Energy and Cross-Sectional Area of Mammary Epithelial Organoids by OCT Fluctuation Spectroscopy. <i>Toxicological Sciences</i> , 2018 , 162, 234-240	4.4	7
95	Frequency of breast cancer subtypes among African American women in the AMBER consortium. <i>Breast Cancer Research</i> , 2018 , 20, 12	8.3	21
94	Suppression of TGF β -mediated conversion of endothelial cells and fibroblasts into cancer associated (myo)fibroblasts via HDAC inhibition. <i>British Journal of Cancer</i> , 2018 , 118, 1359-1368	8.7	29
93	E-cadherin breast tumor expression, risk factors and survival: Pooled analysis of 5,933 cases from 12 studies in the Breast Cancer Association Consortium. <i>Scientific Reports</i> , 2018 , 8, 6574	4.9	19
92	Race, Menopausal Hormone Therapy, and Invasive Breast Cancer in the Carolina Breast Cancer Study. <i>Journal of Women's Health</i> , 2018 , 27, 377-386	3	4
91	Intra-individual Gene Expression Variability of Histologically Normal Breast Tissue. <i>Scientific Reports</i> , 2018 , 8, 9137	4.9	3
90	A survey of microRNA single nucleotide polymorphisms identifies novel breast cancer susceptibility loci in a case-control, population-based study of African-American women. <i>Breast Cancer Research</i> , 2018 , 20, 45	8.3	11
89	Genetic ancestry and population differences in levels of inflammatory cytokines in women: Role for evolutionary selection and environmental factors. <i>PLoS Genetics</i> , 2018 , 14, e1007368	6	30
88	Myeloid-specific Glut1 Ablation Attenuates Mammary Gland Inflammation and Claudin-low Breast Cancer Progression. <i>FASEB Journal</i> , 2018 , 32, 270.1	0.9	
87	Prediagnostic Smoking Is Associated with Binary and Quantitative Measures of ER Protein and mRNA Expression in Breast Tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 67-74	4	1
86	Reproductive risk factor associations with lobular and ductal carcinoma in the Carolina Breast Cancer Study. <i>Cancer Causes and Control</i> , 2018 , 29, 25-32	2.8	8
85	Racial Differences in PAM50 Subtypes in the Carolina Breast Cancer Study. <i>Journal of the National Cancer Institute</i> , 2018 , 110,	9.7	62
84	The association of metformin use with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. <i>Cancer Causes and Control</i> , 2018 , 29, 1143-1150	2.8	2

83	Correlated metabolomic, genomic, and histologic phenotypes in histologically normal breast tissue. <i>PLoS ONE</i> , 2018 , 13, e0193792	3.7	3
82	Associations between Personal Care Product Use Patterns and Breast Cancer Risk among White and Black Women in the Sister Study. <i>Environmental Health Perspectives</i> , 2018 , 126, 027011	8.4	15
81	Image analysis with deep learning to predict breast cancer grade, ER status, histologic subtype, and intrinsic subtype. <i>Npj Breast Cancer</i> , 2018 , 4, 30	7.8	96
80	TP53 protein levels, RNA-based pathway assessment, and race among invasive breast cancer cases. <i>Npj Breast Cancer</i> , 2018 , 4, 13	7.8	9
79	Associations among personal care product use patterns and exogenous hormone use in the NIEHS Sister Study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 458-464	6.7	15
78	Relationship between crown-like structures and sex-steroid hormones in breast adipose tissue and serum among postmenopausal breast cancer patients. <i>Breast Cancer Research</i> , 2017 , 19, 8	8.3	41
77	The Association of Diabetes and Obesity With Prostate Cancer Progression: HCaP-NC. <i>Prostate</i> , 2017 , 77, 878-887	4.2	9
76	Demographic, lifestyle, and genetic determinants of circulating concentrations of 25-hydroxyvitamin D and vitamin D-binding protein in African American and European American women. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1362-1371	7	26
75	Alcohol Intake and Breast Cancer Risk in African American Women from the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 787-794	4	10
74	Comparison of Breast Cancer Molecular Features and Survival by African and European Ancestry in The Cancer Genome Atlas. <i>JAMA Oncology</i> , 2017 , 3, 1654-1662	13.4	146
73	Age at diagnosis, obesity, smoking, and molecular subtypes in muscle-invasive bladder cancer. <i>Cancer Causes and Control</i> , 2017 , 28, 539-544	2.8	12
72	Race-associated biological differences among luminal A and basal-like breast cancers in the Carolina Breast Cancer Study. <i>Breast Cancer Research</i> , 2017 , 19, 131	8.3	22
71	Biology and Etiology of Young-Onset Breast Cancers among Premenopausal African American Women: Results from the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 1722-1729	4	15
70	Ki-67 Expression in Breast Cancer Tissue Microarrays: Assessing Tumor Heterogeneity, Concordance With Full Section, and Scoring Methods. <i>American Journal of Clinical Pathology</i> , 2017 , 148, 108-118	1.9	9
69	Active smoking and survival following breast cancer among African American and non-African American women in the Carolina Breast Cancer Study. <i>Cancer Causes and Control</i> , 2017 , 28, 929-938	2.8	7
68	Breast cancer biologic and etiologic heterogeneity by young age and menopausal status in the Carolina Breast Cancer Study: a case-control study. <i>Breast Cancer Research</i> , 2016 , 18, 79	8.3	64
67	Vigorous physical activity and risk of breast cancer in the African American breast cancer epidemiology and risk consortium. <i>Breast Cancer Research and Treatment</i> , 2016 , 159, 347-56	4.4	6
66	The association of diabetes and obesity with prostate cancer aggressiveness among Black Americans and White Americans in a population-based study. <i>Cancer Causes and Control</i> , 2016 , 27, 1475-1485	2.8	9

65	Genetic variation in the insulin, insulin-like growth factor, growth hormone, and leptin pathways in relation to breast cancer in African-American women: the AMBER consortium. <i>Npj Breast Cancer</i> , 2016 , 2,	7.8	8
64	Weight loss reduces basal-like breast cancer through kinome reprogramming. <i>Cancer Cell International</i> , 2016 , 16, 26	6.4	9
63	Postmenopausal Female Hormone Use and Estrogen Receptor-Positive and -Negative Breast Cancer in African American Women. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	15
62	Racial Variation in the Uptake of Oncotype DX Testing for Early-Stage Breast Cancer. <i>Journal of Clinical Oncology</i> , 2016 , 34, 130-8	2.2	39
61	Performance of Three-Biomarker Immunohistochemistry for Intrinsic Breast Cancer Subtyping in the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 470-8	4	42
60	Digital histologic analysis reveals morphometric patterns of age-related involution in breast epithelium and stroma. <i>Human Pathology</i> , 2016 , 48, 60-8	3.7	15
59	Genetic variants in the mTOR pathway and breast cancer risk in African American women. <i>Carcinogenesis</i> , 2016 , 37, 49-55	4.6	7
58	Alcohol intake and invasive breast cancer risk by molecular subtype and race in the Carolina Breast Cancer Study. <i>Cancer Causes and Control</i> , 2016 , 27, 259-69	2.8	16
57	Pubertal and adult windows of susceptibility to a high animal fat diet in Trp53-null mammary tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 83409-83423	3.3	16
56	Intratumoral heterogeneity as a source of discordance in breast cancer biomarker classification. <i>Breast Cancer Research</i> , 2016 , 18, 68	8.3	58
55	DNA defects, epigenetics, and gene expression in cancer-adjacent breast: a study from The Cancer Genome Atlas. <i>Npj Breast Cancer</i> , 2016 , 2, 16007	7.8	25
54	A case-control analysis of smoking and breast cancer in African American women: findings from the AMBER Consortium. <i>Carcinogenesis</i> , 2016 , 37, 607-15	4.6	8
53	Active smoking and risk of Luminal and Basal-like breast cancer subtypes in the Carolina Breast Cancer Study. <i>Cancer Causes and Control</i> , 2016 , 27, 775-86	2.8	16
52	Cafeteria diet-induced obesity causes oxidative damage in white adipose. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 473, 545-50	3.4	31
51	Association of Parity and Time since Last Birth with Breast Cancer Prognosis by Intrinsic Subtype. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 60-7	4	19
50	Obesity-Associated Alterations in Inflammation, Epigenetics, and Mammary Tumor Growth Persist in Formerly Obese Mice. <i>Cancer Prevention Research</i> , 2016 , 9, 339-48	3.2	30
49	Imaging Extracellular Matrix Remodeling In Vitro by Diffusion-Sensitive Optical Coherence Tomography. <i>Biophysical Journal</i> , 2016 , 110, 1858-1868	2.9	24
48	Mammary Gland Evaluation in Juvenile Toxicity Studies: Temporal Developmental Patterns in the Male and Female Harlan Sprague-Dawley Rat. <i>Toxicologic Pathology</i> , 2016 , 44, 1034-58	2.1	17

47	Genetic variations in the Hippo signaling pathway and breast cancer risk in African American women in the AMBER Consortium. <i>Carcinogenesis</i> , 2016 , 37, 951-956	4.6	13
46	Tumor intrinsic subtype is reflected in cancer-adjacent tissue. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 406-14	4	58
45	A case-control analysis of oral contraceptive use and breast cancer subtypes in the African American Breast Cancer Epidemiology and Risk Consortium. <i>Breast Cancer Research</i> , 2015 , 17, 22	8.3	33
44	Obesity, body fat distribution, and risk of breast cancer subtypes in African American women participating in the AMBER Consortium. <i>Breast Cancer Research and Treatment</i> , 2015 , 150, 655-66	4.4	95
43	Race-associated biological differences among Luminal A breast tumors. <i>Breast Cancer Research and Treatment</i> , 2015 , 152, 437-48	4.4	42
42	Post-diagnosis adiposity and survival among breast cancer patients: influence of breast cancer subtype. <i>Cancer Causes and Control</i> , 2015 , 26, 1803-11	2.8	19
41	Hormone-related pathways and risk of breast cancer subtypes in African American women. <i>Breast Cancer Research and Treatment</i> , 2015 , 154, 145-54	4.4	26
40	Important Role of Menarche in Development of Estrogen Receptor-Negative Breast Cancer in African American Women. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	38
39	Expression profiling of in vivo ductal carcinoma in situ progression models identified B cell lymphoma-9 as a molecular driver of breast cancer invasion. <i>Breast Cancer Research</i> , 2015 , 17, 128	8.3	34
38	Puberty-specific promotion of mammary tumorigenesis by a high animal fat diet. <i>Breast Cancer Research</i> , 2015 , 17, 138	8.3	17
37	Inverse-power-law behavior of cellular motility reveals stromal-epithelial cell interactions in 3D co-culture by OCT fluctuation spectroscopy. <i>Optica</i> , 2015 , 2, 877-885	8.6	20
36	Body mass index is associated with gene methylation in estrogen receptor-positive breast tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 580-6	4	24
35	Genetic variation in cell cycle regulatory gene AURKA and association with intrinsic breast cancer subtype. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1668-77	5	13
34	Probing biological nanotopology via diffusion of weakly constrained plasmonic nanorods with optical coherence tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4289-97	11.5	34
33	Overexpression of miR-146a in basal-like breast cancer cells confers enhanced tumorigenic potential in association with altered p53 status. <i>Carcinogenesis</i> , 2014 , 35, 2567-75	4.6	37
32	Benign breast tissue composition in breast cancer patients: association with risk factors, clinical variables, and gene expression. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2810-8	4	19
31	Integrated RNA and DNA sequencing improves mutation detection in low purity tumors. <i>Nucleic Acids Research</i> , 2014 , 42, e107	20.1	59
30	Obesity-mediated regulation of HGF/c-Met is associated with reduced basal-like breast cancer latency in parous mice. <i>PLoS ONE</i> , 2014 , 9, e111394	3.7	12

29	Parity, lactation, and breast cancer subtypes in African American women: results from the AMBER Consortium. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	122
28	Parity-related molecular signatures and breast cancer subtypes by estrogen receptor status. <i>Breast Cancer Research</i> , 2014 , 16, R74	8.3	29
27	Weight Loss Reversed Obesity-Induced HGF/c-Met Pathway and Basal-Like Breast Cancer Progression. <i>Frontiers in Oncology</i> , 2014 , 4, 175	5.3	23
26	Association between mammographic density and basal-like and luminal A breast cancer subtypes. <i>Breast Cancer Research</i> , 2013 , 15, R76	8.3	27
25	Role of HGF in obesity-associated tumorigenesis: C3(1)-TAg mice as a model for human basal-like breast cancer. <i>Breast Cancer Research and Treatment</i> , 2013 , 142, 489-503	4.4	30
24	Relationship of mammographic density and gene expression: analysis of normal breast tissue surrounding breast cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 4972-4982	12.9	48
23	Impact of tumor microenvironment and epithelial phenotypes on metabolism in breast cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 571-85	12.9	73
22	Role of HGF in epithelial-stromal cell interactions during progression from benign breast disease to ductal carcinoma in situ. <i>Breast Cancer Research</i> , 2013 , 15, R82	8.3	29
21	Pubertal high fat diet: effects on mammary cancer development. <i>Breast Cancer Research</i> , 2013 , 15, R1008.3		32
20	Normal breast tissue of obese women is enriched for macrophage markers and macrophage-associated gene expression. <i>Breast Cancer Research and Treatment</i> , 2012 , 131, 1003-12	4.4	95
19	Gene expression in extratumoral microenvironment predicts clinical outcome in breast cancer patients. <i>Breast Cancer Research</i> , 2012 , 14, R51	8.3	63
18	Paracrine interactions between primary human macrophages and human fibroblasts enhance murine mammary gland humanization in vivo. <i>Breast Cancer Research</i> , 2012 , 14, R97	8.3	21
17	Mammographic density and breast cancer risk in White and African American Women. <i>Breast Cancer Research and Treatment</i> , 2012 , 135, 571-80	4.4	50
16	Basal-like breast cancer cells induce phenotypic and genomic changes in macrophages. <i>Molecular Cancer Research</i> , 2012 , 10, 727-38	6.6	72
15	Age-associated gene expression in normal breast tissue mirrors qualitative age-at-incidence patterns for breast cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 1735-44	4	29
14	Longitudinal study of mammary epithelial and fibroblast co-cultures using optical coherence tomography reveals morphological hallmarks of pre-malignancy. <i>PLoS ONE</i> , 2012 , 7, e49148	3.7	27
13	Serum estradiol levels associated with specific gene expression patterns in normal breast tissue and in breast carcinomas. <i>BMC Cancer</i> , 2011 , 11, 332	4.8	32
12	Systematic bias in genomic classification due to contaminating non-neoplastic tissue in breast tumor samples. <i>BMC Medical Genomics</i> , 2011 , 4, 54	3.7	67

11	Interactions with fibroblasts are distinct in Basal-like and luminal breast cancers. <i>Molecular Cancer Research</i> , 2011 , 9, 3-13	6.6	83
10	Gene expression analysis of in vitro cocultures to study interactions between breast epithelium and stroma. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 520987		27
9	Activation of host wound responses in breast cancer microenvironment. <i>Clinical Cancer Research</i> , 2009 , 15, 7020-8	12.9	97
8	Gene expression patterns associated with p53 status in breast cancer. <i>BMC Cancer</i> , 2006 , 6, 276	4.8	107
7	Race, breast cancer subtypes, and survival in the Carolina Breast Cancer Study. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 295, 2492-502	27.4	2683
6	Estrogen-regulated genes predict survival in hormone receptor-positive breast cancers. <i>Journal of Clinical Oncology</i> , 2006 , 24, 1656-64	2.2	275
5	Prediction of toxicant-specific gene expression signatures after chemotherapeutic treatment of breast cell lines. <i>Environmental Health Perspectives</i> , 2004 , 112, 1607-13	8.4	12
4	Cell-type-specific responses to chemotherapeutics in breast cancer. <i>Cancer Research</i> , 2004 , 64, 4218-26	10.1	307
3	Stability of hemoglobin and albumin adducts of naphthalene oxide, 1,2-naphthoquinone, and 1,4-naphthoquinone. <i>Toxicological Sciences</i> , 2002 , 68, 314-21	4.4	28
2	A Framework for Transcriptome-Wide Association Studies in Breast Cancer in Diverse Study Populations		1
1	An approach for normalization and quality control for NanoString RNA expression data		3