

Alice S Whittemore

List of Publications by Citations

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128
papers

6,210
citations

37
h-index

76
g-index

134
ext. papers

7,763
ext. citations

7.2
avg, IF

4.9
L-index

#	Paper	IF	Citations
128	Association analysis identifies 65 new breast cancer risk loci. <i>Nature</i> , 2017 , 551, 92-94	50.4	643
127	Localized prostate cancer. Relationship of tumor volume to clinical significance for treatment of prostate cancer. <i>Cancer</i> , 1993 , 71, 933-8	6.4	609
126	Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. <i>Nature Genetics</i> , 2015 , 47, 373-80	36.3	406
125	Clinical evaluation of a multiple-gene sequencing panel for hereditary cancer risk assessment. <i>Journal of Clinical Oncology</i> , 2014 , 32, 2001-9	2.2	363
124	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
123	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. <i>Nature Genetics</i> , 2017 , 49, 680-691	36.3	190
122	Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. <i>Nature Genetics</i> , 2017 , 49, 1767-1778	36.3	186
121	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. <i>Nature Genetics</i> , 2015 , 47, 164-71	36.3	177
120	Dose-Response Association of CD8+ Tumor-Infiltrating Lymphocytes and Survival Time in High-Grade Serous Ovarian Cancer. <i>JAMA Oncology</i> , 2017 , 3, e173290	13.4	152
119	Germline mutation in BRCA1 or BRCA2 and ten-year survival for women diagnosed with epithelial ovarian cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 652-7	12.9	107
118	Genetic determinants of telomere length and risk of common cancers: a Mendelian randomization study. <i>Human Molecular Genetics</i> , 2015 , 24, 5356-66	5.6	104
117	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
116	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
115	Analysis of case-control data with covariate measurement error: application to diet and colon cancer. <i>Statistics in Medicine</i> , 1989 , 8, 1151-63; discussion 1165-6	2.3	99
114	Sample Size for Logistic Regression with Small Response Probability. <i>Journal of the American Statistical Association</i> , 1981 , 76, 27-32	2.8	97
113	Statistical methods for estimating attributable risk from retrospective data. <i>Statistics in Medicine</i> , 1982 , 1, 229-43	2.3	89
112	Race, prostate cancer survival, and membership in a large health maintenance organization. <i>Journal of the National Cancer Institute</i> , 1998 , 90, 986-90	9.7	86

111	Genetically Predicted Body Mass Index and Breast Cancer Risk: Mendelian Randomization Analyses of Data from 145,000 Women of European Descent. <i>PLoS Medicine</i> , 2016 , 13, e1002105	11.6	80
110	Association of vitamin D levels and risk of ovarian cancer: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2016 , 45, 1619-1630	7.8	77
109	10-year performance of four models of breast cancer risk: a validation study. <i>Lancet Oncology</i> , 2019 , 20, 504-517	21.7	73
108	Consortium analysis of 7 candidate SNPs for ovarian cancer. <i>International Journal of Cancer</i> , 2008 , 123, 380-388	7.5	66
107	Prostate specific antigen levels in young adulthood predict prostate cancer risk: results from a cohort of Black and White Americans. <i>Journal of Urology</i> , 2005 , 174, 872-6; discussion 876	2.5	65
106	Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. <i>Nature Communications</i> , 2016 , 7, 11375	17.4	64
105	Identification of Susceptibility Loci for Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 930-937	4.3	64
104	Approximations for Regression with Covariate Measurement Error. <i>Journal of the American Statistical Association</i> , 1988 , 83, 1057-1066	2.8	63
103	Prevalence of BRCA1 mutation carriers among U.S. non-Hispanic Whites. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004 , 13, 2078-83	4	58
102	Breast Cancer Risk and Mammographic Density Assessed with Semiautomated and Fully Automated Methods and BI-RADS. <i>Radiology</i> , 2017 , 282, 348-355	20.5	54
101	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
100	Genetic predisposition to prostate cancer: possible explanations for ethnic differences in risk. <i>Prostate</i> , 1997 , 32, 65-72	4.2	52
99	Early precursors of urogenital cancers in former college men. <i>Journal of Urology</i> , 1984 , 132, 1256-61	2.5	50
98	Shared genetics underlying epidemiological association between endometriosis and ovarian cancer. <i>Human Molecular Genetics</i> , 2015 , 24, 5955-64	5.6	48
97	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019 , 10, 431	17.4	45
96	Adult body mass index and risk of ovarian cancer by subtype: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2016 , 45, 884-95	7.8	45
95	Multi-stage sampling in genetic epidemiology. <i>Statistics in Medicine</i> , 1997 , 16, 153-67	2.3	44
94	Cis-eQTL analysis and functional validation of candidate susceptibility genes for high-grade serous ovarian cancer. <i>Nature Communications</i> , 2015 , 6, 8234	17.4	40

93	Association of p16 expression with prognosis varies across ovarian carcinoma histotypes: an Ovarian Tumor Tissue Analysis consortium study. <i>Journal of Pathology: Clinical Research</i> , 2018 , 4, 250-261	5.3	38
92	Cohort Profile: The Breast Cancer Prospective Family Study Cohort (ProF-SC). <i>International Journal of Epidemiology</i> , 2016 , 45, 683-92	7.8	37
91	Colorectal cancer incidence among Chinese in North America and the People's Republic of China: variation with sex, age and anatomical site. <i>International Journal of Epidemiology</i> , 1989 , 18, 563-8	7.8	36
90	DNA glycosylases involved in base excision repair may be associated with cancer risk in BRCA1 and BRCA2 mutation carriers. <i>PLoS Genetics</i> , 2014 , 10, e1004256	6	33
89	Practical problems with clinical guidelines for breast cancer prevention based on remaining lifetime risk. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	31
88	Germline whole exome sequencing and large-scale replication identifies a likely high grade serous ovarian cancer susceptibility gene. <i>Oncotarget</i> , 2017 , 8, 50930-50940	3.3	30
87	Sample Size for Logistic Regression with Small Response Probability		29
86	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
85	Persistent Postoperative Opioid Use in Older Head and Neck Cancer Patients. <i>Otolaryngology - Head and Neck Surgery</i> , 2019 , 160, 380-387	5.5	28
84	Association between ambient air pollution and breast cancer risk: The multiethnic cohort study. <i>International Journal of Cancer</i> , 2020 , 146, 699-711	7.5	28
83	Pregnancy recency and risk of ovarian cancer. <i>Cancer Causes and Control</i> , 1999 , 10, 397-402	2.8	26
82	Predictors of bronchopulmonary dysplasia or death in premature infants with a patent ductus arteriosus. <i>Pediatric Research</i> , 2014 , 75, 570-5	3.2	25
81	Effect of cigarette smoking in epidemiological studies of lung cancer. <i>Statistics in Medicine</i> , 1988 , 7, 223-23	3.8	25
80	Observational studies and randomized trials of hormone replacement therapy: what can we learn from them?. <i>Epidemiology</i> , 2003 , 14, 8-10	3.1	25
79	Identification of independent association signals and putative functional variants for breast cancer risk through fine-scale mapping of the 12p11 locus. <i>Breast Cancer Research</i> , 2016 , 18, 64	8.3	25
78	Does radiotherapy still have a role in unresected biliary tract cancer?. <i>Cancer Medicine</i> , 2017 , 6, 129-141	4.8	24
77	Network-Based Integration of GWAS and Gene Expression Identifies a HOX-Centric Network Associated with Serous Ovarian Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1574-84	4	24
76	Genome-wide Analysis Identifies Novel Loci Associated with Ovarian Cancer Outcomes: Findings from the Ovarian Cancer Association Consortium. <i>Clinical Cancer Research</i> , 2015 , 21, 5264-76	12.9	24

75	Circulating sex hormones in relation to anthropometric, sociodemographic and behavioural factors in an international dataset of 12,300 men. <i>PLoS ONE</i> , 2017 , 12, e0187741	3.7	23
74	A Bayesian False Discovery Rate for Multiple Testing. <i>Journal of Applied Statistics</i> , 2007 , 34, 1-9	1	23
73	Logistic regression of family data from retrospective study designs. <i>Genetic Epidemiology</i> , 2003 , 25, 177-88	2.0	23
72	Common Genetic Variation in Circadian Rhythm Genes and Risk of Epithelial Ovarian Cancer (EOC). <i>Journal of Genetics and Genome Research</i> , 2015 , 2,		22
71	Common variants at the CHEK2 gene locus and risk of epithelial ovarian cancer. <i>Carcinogenesis</i> , 2015 , 36, 1341-53	4.6	20
70	Evaluating health risk models. <i>Statistics in Medicine</i> , 2010 , 29, 2438-52	2.3	20
69	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
68	Cigarette smoking is associated with adverse survival among women with ovarian cancer: Results from a pooled analysis of 19 studies. <i>International Journal of Cancer</i> , 2017 , 140, 2422-2435	7.5	18
67	Epithelial-Mesenchymal Transition (EMT) Gene Variants and Epithelial Ovarian Cancer (EOC) Risk. <i>Genetic Epidemiology</i> , 2015 , 39, 689-97	2.6	18
66	Personal characteristics relating to risk of invasive epithelial ovarian cancer in older women in the United States. <i>Cancer</i> , 1993 , 71, 558-65	6.4	18
65	Parity and Oral Contraceptive Use in Relation to Ovarian Cancer Risk in Older Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1059-63	4	18
64	Assessing the genetic architecture of epithelial ovarian cancer histological subtypes. <i>Human Genetics</i> , 2016 , 135, 741-56	6.3	18
63	The association between socioeconomic status and tumour stage at diagnosis of ovarian cancer: A pooled analysis of 18 case-control studies. <i>Cancer Epidemiology</i> , 2016 , 41, 71-9	2.8	17
62	Covariate adjustment in family-based association studies. <i>Genetic Epidemiology</i> , 2005 , 28, 244-55	2.6	17
61	Errors-in-Variables Regression Using Stein Estimates. <i>American Statistician</i> , 1989 , 43, 226-228	5	17
60	Clinical and pathological associations of PTEN expression in ovarian cancer: a multicentre study from the Ovarian Tumour Tissue Analysis Consortium. <i>British Journal of Cancer</i> , 2020 , 123, 793-802	8.7	16
59	Racial/ethnic differences in the epidemiology of ovarian cancer: a pooled analysis of 12 case-control studies. <i>International Journal of Epidemiology</i> , 2018 , 47, 460-472	7.8	16
58	Methods for testing interactions, with applications to occupational exposures, smoking, and lung cancer. <i>American Journal of Industrial Medicine</i> , 1988 , 13, 131-47	2.7	16

57	Common Genetic Variation In Cellular Transport Genes and Epithelial Ovarian Cancer (EOC) Risk. <i>PLoS ONE</i> , 2015 , 10, e0128106	3.7	15
56	Case-control study of mammographic density and breast cancer risk using processed digital mammograms. <i>Breast Cancer Research</i> , 2016 , 18, 53	8.3	15
55	Association of genetic susceptibility variants for type 2 diabetes with breast cancer risk in women of European ancestry. <i>Cancer Causes and Control</i> , 2016 , 27, 679-93	2.8	15
54	MyD88 and TLR4 Expression in Epithelial Ovarian Cancer. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 307-320	6.4	14
53	Gene expression imputation identifies candidate genes and susceptibility loci associated with cutaneous squamous cell carcinoma. <i>Nature Communications</i> , 2018 , 9, 4264	17.4	14
52	Pubertal development in girls by breast cancer family history: the LEGACY girls cohort. <i>Breast Cancer Research</i> , 2017 , 19, 69	8.3	13
51	Genetic association studies: time for a new paradigm?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 1359-60	4	13
50	Approximations for Regression with Covariate Measurement Error		13
49	Racial, Ethnic, and Socioeconomic Disparities in Retinoblastoma Enucleation: A Population-Based Study, SEER 18 2000-2014. <i>American Journal of Ophthalmology</i> , 2019 , 207, 215-223	4.9	12
48	Evaluating the ovarian cancer gonadotropin hypothesis: a candidate gene study. <i>Gynecologic Oncology</i> , 2015 , 136, 542-8	4.9	12
47	Metabolomic profiles in breast cancer: a pilot case-control study in the breast cancer family registry. <i>BMC Cancer</i> , 2018 , 18, 532	4.8	11
46	Variation in NF- κ B signaling pathways and survival in invasive epithelial ovarian cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 1421-7	4	11
45	Inherited variants affecting RNA editing may contribute to ovarian cancer susceptibility: results from a large-scale collaboration. <i>Oncotarget</i> , 2016 , 7, 72381-72394	3.3	11
44	The impact of body mass index on treatment outcomes for patients with low-intermediate risk prostate cancer. <i>BMC Cancer</i> , 2016 , 16, 557	4.8	11
43	Geographic variation in Medicare treatment costs and outcomes for advanced head and neck cancer. <i>Oral Oncology</i> , 2016 , 61, 83-8	4.4	11
42	A comprehensive gene-environment interaction analysis in Ovarian Cancer using genome-wide significant common variants. <i>International Journal of Cancer</i> , 2019 , 144, 2192-2205	7.5	11
41	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
40	Two-stage sampling designs for external validation of personal risk models. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 1313-29	2.3	10

39	Different disease rates in two populations: how much is due to differences in risk factors?. <i>Statistics in Medicine</i> , 1997 , 16, 2543-54	2.3	10
38	Nonparametric linkage analysis using person-specific covariates. <i>Genetic Epidemiology</i> , 2006 , 30, 369-79	2.6	10
37	Susceptibility Loci-Associated Cutaneous Squamous Cell Carcinoma Invasiveness. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 557-561	4.3	9
36	Variants in genes encoding small GTPases and association with epithelial ovarian cancer susceptibility. <i>PLoS ONE</i> , 2018 , 13, e0197561	3.7	9
35	Assessing the goodness of fit of personal risk models. <i>Statistics in Medicine</i> , 2014 , 33, 3179-90	2.3	9
34	The role of genome sequencing in personalized breast cancer prevention. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2322-7	4	9
33	Identification of 31 loci for mammographic density phenotypes and their associations with breast cancer risk. <i>Nature Communications</i> , 2020 , 11, 5116	17.4	9
32	Assessment of Multifactor Gene-Environment Interactions and Ovarian Cancer Risk: Candidate Genes, Obesity, and Hormone-Related Risk Factors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 780-90	4	8
31	Assessing absolute changes in breast cancer risk due to modifiable risk factors. <i>Breast Cancer Research and Treatment</i> , 2015 , 152, 193-197	4.4	8
30	Use of NHANES data to assign nutrient densities to food groups in a multiethnic diet history questionnaire. <i>Nutrition and Cancer</i> , 1993 , 20, 223-30	2.8	8
29	Identification of novel epithelial ovarian cancer loci in women of African ancestry. <i>International Journal of Cancer</i> , 2020 , 146, 2987-2998	7.5	8
28	A Prediction Tool to Facilitate Risk-Stratified Screening for Squamous Cell Skin Cancer. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2589-2594	4.3	8
27	Genetic variants in the HLA class II region associated with risk of cutaneous squamous cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 1123-1133	7.4	8
26	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
25	Assessing environmental modifiers of disease risk associated with rare mutations. <i>Human Heredity</i> , 2007 , 63, 134-43	1.1	7
24	Analyzing Cohort Mortality Data. <i>American Statistician</i> , 1985 , 39, 437-441	5	7
23	Age at Menarche and Late Adolescent Adiposity Associated with Mammographic Density on Processed Digital Mammograms in 24,840 Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 1450-1458	4	6
22	Alcohol and Tobacco Use in Relation to Mammographic Density in 23,456 Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1039-1048	4	5

21	Genetic association tests for family data with missing parental genotypes: a comparison. <i>Genetic Epidemiology</i> , 2003 , 25, 80-91	2.6	5
20	Use of biological markers in risk assessment. <i>Risk Analysis</i> , 1994 , 14, 807-13	3.9	5
19	Methods old and new for analyzing occupational cohort data. <i>American Journal of Industrial Medicine</i> , 1987 , 12, 233-48	2.7	5
18	Evaluating disease prediction models using a cohort whose covariate distribution differs from that of the target population. <i>Statistical Methods in Medical Research</i> , 2019 , 28, 309-320	2.3	5
17	Comparing 5-Year and Lifetime Risks of Breast Cancer Using the Prospective Family Study Cohort. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 785-791	9.7	5
16	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
15	Predicting Prostate Cancer Recurrence After Radical Prostatectomy. <i>Prostate</i> , 2017 , 77, 291-298	4.2	4
14	Testing Covariance Structure in Multivariate Models: Application to Family Disease Data. <i>Journal of the American Statistical Association</i> , 1998 , 93, 518-525	2.8	4
13	Assessment of variation in immunosuppressive pathway genes reveals TGFBR2 to be associated with risk of clear cell ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 69097-69110	3.3	4
12	No Evidence That Genetic Variation in the Myeloid-Derived Suppressor Cell Pathway Influences Ovarian Cancer Survival. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 420-424	4	3
11	No evidence of familial correlation in breast cancer metastasis. <i>Breast Cancer Research and Treatment</i> , 2009 , 118, 575-81	4.4	2
10	Estimating genetic influence on disease from population-based case-control data: application to cancers of the breast and ovary. <i>Statistics in Medicine</i> , 1999 , 18, 3321-36	2.3	2
9	Genetic susceptibility markers for a breast-colorectal cancer phenotype: Exploratory results from genome-wide association studies. <i>PLoS ONE</i> , 2018 , 13, e0196245	3.7	2
8	Data-adaptive multi-locus association testing in subjects with arbitrary genealogical relationships. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2019 , 18,	1.2	1
7	Reply to D.G. Evans et al. <i>Journal of Clinical Oncology</i> , 2012 , 30, 1143-1144	2.2	1
6	Breast cancer in Marin County. <i>Breast Cancer Research</i> , 2003 , 5, 232-4	8.3	1
5	Outdoor ambient air pollution and breast cancer survival among California participants of the Multiethnic Cohort Study.. <i>Environment International</i> , 2022 , 161, 107088	12.9	1
4	A GWAS of Cutaneous Squamous Cell Carcinoma-Letter. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1534	4	1

3	Considerations When Using Breast Cancer Risk Models for Women with Negative BRCA1/BRCA2 Mutation Results. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 418-422	9-7	1
2	Correction. <i>Statistics in Medicine</i> , 2000 , 19, 1251	2-3	
1	Pharmacokinetics in Low Dose Extrapolation Using Animal Cancer Data. <i>Toxicological Sciences</i> , 1986 , 7, 183-190	4-4	