Soo-Hwang Teo

List of Publications by Year
in descending order

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120 papers	9,406 citations	61984 43 h-index	45317 90 g-index
127 all docs	127 docs citations	127 times ranked	13696 citing authors

#	Article	IF	Citations
1	Large-scale genotyping identifies 41 new loci associated with breast cancer risk. Nature Genetics, 2013, 45, 353-361.	21.4	960
2	Association analyses of more than 140,000 men identify 63 new prostate cancer susceptibility loci. Nature Genetics, 2018, 50, 928-936.	21.4	652
3	Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. Nature Genetics, 2015, 47, 373-380.	21.4	513
4	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.	21.4	493
5	Association of Type and Location ofBRCA1andBRCA2Mutations With Risk of Breast and Ovarian Cancer. JAMA - Journal of the American Medical Association, 2015, 313, 1347.	7.4	390
6	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. Nature Genetics, 2017, 49, 680-691.	21.4	356
7	GWAS meta-analysis and replication identifies three new susceptibility loci for ovarian cancer. Nature Genetics, 2013, 45, 362-370.	21.4	326
8	Cancer Risks Associated With Germline PALB2 Pathogenic Variants: An International Study of 524 Families. Journal of Clinical Oncology, 2020, 38, 674-685.	1.6	270
9	Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. Nature Genetics, 2021, 53, 65-75.	21.4	264
10	Genome-Wide Association Study in BRCA1 Mutation Carriers Identifies Novel Loci Associated with Breast and Ovarian Cancer Risk. PLoS Genetics, 2013, 9, e1003212.	3.5	244
11	Mutational spectrum in a worldwide study of 29,700 families withBRCA1orBRCA2mutations. Human Mutation, 2018, 39, 593-620.	2.5	224
12	Identification of six new susceptibility loci for invasive epithelial ovarian cancer. Nature Genetics, 2015, 47, 164-171.	21.4	221
13	Targeted Prostate Cancer Screening in BRCA1 and BRCA2 Mutation Carriers: Results from the Initial Screening Round of the IMPACT Study. European Urology, 2014, 66, 489-499.	1.9	195
14	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.	9.4	157
15	Prediction of Breast and Prostate Cancer Risks in Male BRCA1 and BRCA2 Mutation Carriers Using Polygenic Risk Scores. Journal of Clinical Oncology, 2017, 35, 2240-2250.	1.6	152
16	FOXM1 Upregulation Is an Early Event in Human Squamous Cell Carcinoma and it Is Enhanced by Nicotine during Malignant Transformation. PLoS ONE, 2009, 4, e4849.	2.5	152
17	Epigenetic analysis leads to identification of HNF1B as a subtype-specific susceptibility gene for ovarian cancer. Nature Communications, 2013, 4, 1628.	12.8	144
18	Genome-wide association analysis in East Asians identifies breast cancer susceptibility loci at 1q32.1, 5q14.3 and 15q26.1. Nature Genetics, 2014, 46, 886-890.	21.4	135

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19	Mammographic density and ageing: A collaborative pooled analysis of cross-sectional data from 22 countries worldwide. PLoS Medicine, 2017, 14, e1002335.	8.4	108
20	Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. Nature Communications, 2014, 5, 4999.	12.8	105
21	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.	6.2	98
22	Identification and molecular characterization of a new ovarian cancer susceptibility locus at 17q21.31. Nature Communications, 2013, 4, 1627.	12.8	98
23	Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. Nature Communications, 2016, 7, 11375.	12.8	93
24	Cancer Risks Associated With BRCA1 and BRCA2 Pathogenic Variants. Journal of Clinical Oncology, 2022, 40, 1529-1541.	1.6	90
25	Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants. Nature Communications, 2018, 9, 2256.	12.8	88
26	European polygenic risk score for prediction of breast cancer shows similar performance in Asian women. Nature Communications, 2020, 11, 3833.	12.8	88
27	Common genetic determinants of breast-cancer risk in East Asian women: a collaborative study of 23 637 breast cancer cases and 25 579 controls. Human Molecular Genetics, 2013, 22, 2539-2550.	2.9	86
28	Comprehensive spectrum ofBRCA1andBRCA2deleterious mutations in breast cancer in Asian countries. Journal of Medical Genetics, 2016, 53, 15-23.	3.2	82
29	Polygenic risk scores and breast and epithelial ovarian cancer risks for carriers of BRCA1 and BRCA2 pathogenic variants. Genetics in Medicine, 2020, 22, 1653-1666.	2.4	82
30	Evaluation of Cancer-Based Criteria for Use in MainstreamBRCA1andBRCA2Genetic Testing in Patients With Breast Cancer. JAMA Network Open, 2019, 2, e194428.	5.9	79
31	Common variants at 12p11, 12q24, 9p21, 9q31.2 and in ZNF365 are associated with breast cancer risk for BRCA1 and/or BRCA2mutation carriers. Breast Cancer Research, 2012, 14, R33.	5.0	78
32	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.	6.2	76
33	DNA-binding properties of the tandem HMG boxes of high-mobility-group protein 1 (HMG1). FEBS Journal, 1998, 253, 787-795.	0.2	71
34	Common alleles at 6q25.1 and 1p11.2 are associated with breast cancer risk for BRCA1 and BRCA2 mutation carriers. Human Molecular Genetics, 2011, 20, 3304-3321.	2.9	68
35	Cis-eQTL analysis and functional validation of candidate susceptibility genes for high-grade serous ovarian cancer. Nature Communications, 2015, 6, 8234.	12.8	63
36	Differences in mammographic density between Asian and Caucasian populations: a comparative analysis. Breast Cancer Research and Treatment, 2017, 161, 353-362.	2.5	61

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37	A case-control study of breast cancer risk factors in 7,663 women in Malaysia. PLoS ONE, 2018, 13, e0203469.	2.5	59
38	A Transcriptome-Wide Association Study Among 97,898 Women to Identify Candidate Susceptibility Genes for Epithelial Ovarian Cancer Risk. Cancer Research, 2018, 78, 5419-5430.	0.9	54
39	Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. Human Molecular Genetics, 2014, 23, 6096-6111.	2.9	53
40	Comparable frequency of BRCA1, BRCA2 and TP53 germline mutations in a multi-ethnic Asian cohort suggests TP53 screening should be offered together with BRCA1/2 screening to early-onset breast cancer patients. Breast Cancer Research, 2012, 14, R66.	5.0	51
41	Pathology of Tumors Associated With Pathogenic Germline Variants in 9 Breast Cancer Susceptibility Genes. JAMA Oncology, 2022, 8, e216744.	7.1	51
42	Genetic Data from Nearly 63,000 Women of European Descent Predicts DNA Methylation Biomarkers and Epithelial Ovarian Cancer Risk. Cancer Research, 2019, 79, 505-517.	0.9	49
43	HLAâ€A SNPs and amino acid variants are associated with nasopharyngeal carcinoma in Malaysian Chinese. International Journal of Cancer, 2015, 136, 678-687.	5.1	48
44	Large BRCA1 and BRCA2 genomic rearrangements in Malaysian high risk breast-ovarian cancer families. Breast Cancer Research and Treatment, 2010, 124, 579-584.	2.5	47
45	Identification of novel breast cancer susceptibility loci in meta-analyses conducted among Asian and European descendants. Nature Communications, 2020, 11, 1217.	12.8	46
46	A GWAS Meta-analysis and Replication Study Identifies a Novel Locus within CLPTM1L/TERT Associated with Nasopharyngeal Carcinoma in Individuals of Chinese Ancestry. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 188-192.	2.5	45
47	Triple-negative breast cancer and PTEN (phosphatase and tensin homologue)loss are predictors of BRCA1 germline mutations in women with early-onset and familial breast cancer, but not in women with isolated late-onset breast cancer. Breast Cancer Research, 2012, 14, R142.	5.0	44
48	Haplotype analysis of the 185delAG BRCA1 mutation in ethnically diverse populations. European Journal of Human Genetics, 2013, 21, 212-216.	2.8	44
49	Common Genetic Variation In Cellular Transport Genes and Epithelial Ovarian Cancer (EOC) Risk. PLoS ONE, 2015, 10, e0128106.	2.5	44
50	Ethnic Differences in Mammographic Densities: An Asian Cross-Sectional Study. PLoS ONE, 2015, 10, e0117568.	2.5	44
51	Reproductive profiles and risk of breast cancer subtypes: a multi-center case-only study. Breast Cancer Research, 2017, 19, 119.	5.0	43
52	Genetic counseling for patients and families with hereditary breast and ovarian cancer in a developing Asian country: an observational descriptive study. Familial Cancer, 2011, 10, 199-205.	1.9	42
53	Inheritance of deleterious mutations at both BRCA1 and BRCA2 in an international sample of 32,295 women. Breast Cancer Research, 2016, 18, 112.	5.0	42
54	Germline APOBEC3B deletion is associated with breast cancer risk in an Asian multi-ethnic cohort and with immune cell presentation. Breast Cancer Research, 2016, 18, 56.	5.0	42

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55	Current Status of the Management of Hereditary Breast and Ovarian Cancer in Asia: First Report by the Asian BRCA Consortium. Public Health Genomics, 2016, 19, 53-60.	1.0	42
56	BRCA1 and BRCA2 Germline Mutations in Malaysian Women with Early-Onset Breast Cancer without a Family History. PLoS ONE, 2008, 3, e2024.	2.5	41
57	Cell-type-specific enrichment of risk-associated regulatory elements at ovarian cancer susceptibility loci. Human Molecular Genetics, 2015, 24, 3595-3607.	2.9	40
58	Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. Human Molecular Genetics, 2015, 24, 2966-2984.	2.9	40
59	Association of Genomic Domains in BRCA1 and BRCA2 with Prostate Cancer Risk and Aggressiveness. Cancer Research, 2020, 80, 624-638.	0.9	39
60	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. American Journal of Human Genetics, 2020, 107, 837-848.	6.2	39
61	Identification and characterization of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. Human Molecular Genetics, 2015, 24, 285-298.	2.9	38
62	The molecular landscape of Asian breast cancers reveals clinically relevant population-specific differences. Nature Communications, 2020, 11, 6433.	12.8	37
63	Ovarian cancer susceptibility alleles and risk of ovarian cancer inBRCA1andBRCA2mutation carriers. Human Mutation, 2012, 33, 690-702.	2.5	34
64	Inherited mutations in BRCA1 and BRCA2 in an unselected multiethnic cohort of Asian patients with breast cancer and healthy controls from Malaysia. Journal of Medical Genetics, 2018, 55, 97-103.	3.2	34
65	Differences in the DNAâ€Binding Properties of the Hmgâ€Box Domains of HMG1 and the Sexâ€Determining Factor SRY. FEBS Journal, 1995, 230, 943-950.	0.2	28
66	Network-Based Integration of GWAS and Gene Expression Identifies a HOX-Centric Network Associated with Serous Ovarian Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1574-1584.	2.5	28
67	Genome-wide association studies identify susceptibility loci for epithelial ovarian cancer in east Asian women. Gynecologic Oncology, 2019, 153, 343-355.	1.4	28
68	Establishment and characterization of Asian oral cancer cell lines as in vitro models to study a disease prevalent in Asia. International Journal of Molecular Medicine, 2007, 19, 453-60.	4.0	28
69	Prevalence of PALB2 Mutations in Breast Cancer Patients in Multi-Ethnic Asian Population in Malaysia and Singapore. PLoS ONE, 2013, 8, e73638.	2.5	27
70	Polygenic risk scores for prediction of breast cancer risk in Asian populations. Genetics in Medicine, 2022, 24, 586-600.	2.4	27
71	Heterotrimeric G-protein alpha-12 (GÎ±12) subunit promotes oral cancer metastasis. Oncotarget, 2014, 5, 9626-9640.	1.8	26
72	Common Genetic Variation in Circadian Rhythm Genes and Risk of Epithelial Ovarian Cancer (EOC). Journal of Genetics and Genome Research, 2015, 2, .	0.3	25

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73	Common variants at theCHEK2gene locus and risk of epithelial ovarian cancer. Carcinogenesis, 2015, 36, 1341-1353.	2.8	24
74	Fine-Scale Mapping of the 4q24 Locus Identifies Two Independent Loci Associated with Breast Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1680-1691.	2.5	24
75	Over-expression of MAGED4B increases cell migration and growth in oral squamous cell carcinoma and is associated with poor disease outcome. Cancer Letters, 2012, 321, 18-26.	7.2	23
76	Polygenic risk modeling for prediction of epithelial ovarian cancer risk. European Journal of Human Genetics, 2022, 30, 349-362.	2.8	23
77	Epithelialâ€Mesenchymal Transition (EMT) Gene Variants and Epithelial Ovarian Cancer (EOC) Risk. Genetic Epidemiology, 2015, 39, 689-697.	1.3	22
78	International Consortium on Mammographic Density: Methodology and population diversity captured across 22 countries. Cancer Epidemiology, 2016, 40, 141-151.	1.9	19
79	Differential Burden of Rare and Common Variants on Tumor Characteristics, Survival, and Mode of Detection in Breast Cancer. Cancer Research, 2018, 78, 6329-6338.	0.9	19
80	Breast Cancer Risk Factors and Survival by Tumor Subtype: Pooled Analyses from the Breast Cancer Association Consortium. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 623-642.	2.5	19
81	Breast cancer risks associated with missense variants in breast cancer susceptibility genes. Genome Medicine, 2022, 14, 51.	8.2	19
82	Association of breast cancer risk in BRCA1 and BRCA2 mutation carriers with genetic variants showing differential allelic expression: identification of a modifier of breast cancer risk at locus 11q22.3. Breast Cancer Research and Treatment, 2017, 161, 117-134.	2.5	18
83	Exome genotyping arrays to identify rare and low frequency variants associated with epithelial ovarian cancer risk. Human Molecular Genetics, 2016, 25, 3600-3612.	2.9	17
84	Mammographic density assessed on paired raw and processed digital images and on paired screen-film and digital images across three mammography systems. Breast Cancer Research, 2016, 18, 130.	5.0	17
85	Evaluation of germline BRCA1 and BRCA2 mutations in a multi-ethnic Asian cohort of ovarian cancer patients. Gynecologic Oncology, 2016, 141, 318-322.	1.4	17
86	Feasibility of Patient Navigation to Improve Breast Cancer Care in Malaysia. Journal of Global Oncology, 2018, 4, 1-13.	0.5	17
87	2q36.3 is associated with prognosis for oestrogen receptor-negative breast cancer patients treated with chemotherapy. Nature Communications, 2014, 5, 4051.	12.8	16
88	The predictive ability of the 313 variantâ€“based polygenic risk score for contralateral breast cancer risk prediction in women of European ancestry with a heterozygous BRCA1 or BRCA2 pathogenic variant. Genetics in Medicine, 2021, 23, 1726-1737.	2.4	16
89	Germline <scp>APOBEC3B</scp> deletion increases somatic hypermutation in Asian breast cancer that is associated with Her2 subtype, <scp>PIK3CA</scp> mutations and immune activation. International Journal of Cancer, 2021, 148, 2489-2501.	5.1	15
90	Genetic variation at CYP3A is associated with age at menarche and breast cancer risk: a case-control study. Breast Cancer Research, 2014, 16, R51.	5.0	14

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91	Is BRCA Mutation Testing Cost Effective for Early Stage Breast Cancer Patients Compared to Routine Clinical Surveillance? The Case of an Upper Middle-Income Country in Asia. Applied Health Economics and Health Policy, 2018, 16, 395-406.	2.1	14
92	Re-evaluating genetic variants identified in candidate gene studies of breast cancer risk using data from nearly 280,000 women of Asian and European ancestry. EBioMedicine, 2019, 48, 203-211.	6.1	14
93	Measurement challenge: protocol for international caseâ€“control comparison of mammographic measures that predict breast cancer risk. BMJ Open, 2019, 9, e031041.	1.9	14
94	A novel method of determining breast cancer risk using parenchymal textural analysis of mammography images on an Asian cohort. Physics in Medicine and Biology, 2019, 64, 035016.	3.0	14
95	Predicting the Likelihood of Carrying a BRCA1 or BRCA2 Mutation in Asian Patients With Breast Cancer. Journal of Clinical Oncology, 2022, 40, 1542-1551.	1.6	14
96	Prostate-specific antigen velocity in a prospective prostate cancer screening study of men with genetic predisposition. British Journal of Cancer, 2018, 118, 266-276.	6.4	12
97	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 217-228.	2.5	12
98	Identification of a functional variant in SPLUNC1 associated with nasopharyngeal carcinoma susceptibility among Malaysian Chinese. Molecular Carcinogenesis, 2012, 51, E74-82.	2.7	11
99	Identification of immunogenic MAGED4B peptides for vaccine development in oral cancer immunotherapy. Human Vaccines and Immunotherapeutics, 2014, 10, 3214-3223.	3.3	11
100	Recurrent mutation testing of BRCA1 and BRCA2 in Asian breast cancer patients identify carriers in those with presumed low risk by family history. Breast Cancer Research and Treatment, 2014, 144, 635-642.	2.5	11
101	Low Prevalence of CHEK2 Gene Mutations in Multiethnic Cohorts of Breast Cancer Patients in Malaysia. PLoS ONE, 2015, 10, e0117104.	2.5	11
102	Fine-Scale Mapping at 9p22.2 Identifies Candidate Causal Variants That Modify Ovarian Cancer Risk in BRCA1 and BRCA2 Mutation Carriers. PLoS ONE, 2016, 11, e0158801.	2.5	10
103	Variants in 6q25.1 Are Associated with Mammographic Density in Malaysian Chinese Women. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 327-333.	2.5	10
104	Variants in genes encoding small GTPases and association with epithelial ovarian cancer susceptibility. PLoS ONE, 2018, 13, e0197561.	2.5	9
105	Oncologist-led BRCA counselling improves access to cancer genetic testing in middle-income Asian country, with no significant impact on psychosocial outcomes. Journal of Medical Genetics, 2022, 59, 220-229.	3.2	9
106	Overlap of high-risk individuals predicted by family history, and genetic and non-genetic breast cancer risk prediction models: implications for risk stratification. BMC Medicine, 2022, 20, 150.	5.5	9
107	Communication about positive BRCA1 and BRCA2 genetic test results and uptake of testing in relatives in a diverse Asian setting. Journal of Genetic Counseling, 2021, 30, 720-729.	1.6	7
108	Characterisation of PALB2 tumours through whole-exome and whole-transcriptomic analyses. Npj Breast Cancer, 2021, 7, 46.	5.2	6

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109	Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. American Journal of Human Genetics, 2021, 108, 1190-1203.	6.2	6
110	The association of age at menarche and adult height with mammographic density in the International Consortium of Mammographic Density. Breast Cancer Research, 2022, 24, .	5.0	6
111	Characterization of BRCA1 and BRCA2 variants in multi-ethnic Asian cohort from a Malaysian case-control study. BMC Cancer, 2017, 17, 149.	2.6	5
112	Physical activity and mammographic density in an Asian multi-ethnic cohort. Cancer Causes and Control, 2018, 29, 883-894.	1.8	5
113	Assessment of variation in immunosuppressive pathway genes reveals TGFBR2 to be associated with risk of clear cell ovarian cancer. Oncotarget, 2016, 7, 69097-69110.	1.8	5
114	Epidemiological and ES cellâ€based functional evaluation of BRCA2 variants identified in families with breast cancer. Human Mutation, 2021, 42, 200-212.	2.5	4
115	Characterisation of protein-truncating and missense variants in PALB2 in 15 768 women from Malaysia and Singapore. Journal of Medical Genetics, 2021, , jmedgenet-2020-107471.	3.2	4
116	Attitudes and training needs of oncologists and surgeons in mainstreaming breast cancer genetic counseling in a lowâ€toâ€middle income Asian country. Journal of Genetic Counseling, 2022, 31, 1080-1089.	1.6	4
117	Germline breast cancer susceptibility genes, tumor characteristics, and survival. Genome Medicine, 2021, 13, 185.	8.2	3
118	Breast Cancer Patient Navigation Program in a Resource-Constrained Health Care Setting in Asia. Journal of Global Oncology, 2017, 3, 6s-6s.	0.5	1
119	Relevance of the MHC region for breast cancer susceptibility in Asians. Breast Cancer, 2022, 29, 869-879.	2.9	1
120	Psychosocial outcome and health behaviour intent of breast cancer patients with BRCA1/2 and PALB2 pathogenic variants unselected by a priori risk. PLoS ONE, 2022, 17, e0263675.	2.5	0