

Ji-Yeob Choi

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

5,895
citations

81900

39
h-index

88630

70
g-index

117
all docs

117
docs citations

117
times ranked

9887
citing authors

#	ARTICLE	IF	CITATIONS
1	Association analysis identifies 65 new breast cancer risk loci. <i>Nature</i> , 2017, 551, 92-94.	27.8	1,099
2	Genome-wide association analysis of more than 120,000 individuals identifies 15 new susceptibility loci for breast cancer. <i>Nature Genetics</i> , 2015, 47, 373-380.	21.4	513
3	Correlates associated with participation in physical activity among adults: a systematic review of reviews and update. <i>BMC Public Health</i> , 2017, 17, 356.	2.9	192
4	Association between global DNA hypomethylation in leukocytes and risk of breast cancer. <i>Carcinogenesis</i> , 2009, 30, 1889-1897.	2.8	167
5	Genome-Wide Association Study in East Asians Identifies Novel Susceptibility Loci for Breast Cancer. <i>PLoS Genetics</i> , 2012, 8, e1002532.	3.5	137
6	Genome-wide association analysis in East Asians identifies breast cancer susceptibility loci at 1q32.1, 5q14.3 and 15q26.1. <i>Nature Genetics</i> , 2014, 46, 886-890.	21.4	135
7	Breast cancer risk variants at 6q25 display different phenotype associations and regulate ESR1, RMND1 and CCDC170. <i>Nature Genetics</i> , 2016, 48, 374-386.	21.4	125
8	DNA Methylation in Peripheral Blood: A Potential Biomarker for Cancer Molecular Epidemiology. <i>Journal of Epidemiology</i> , 2012, 22, 384-394.	2.4	121
9	A genome-wide association study identifies a breast cancer risk variant in ERBB4 at 2q34: results from the Seoul Breast Cancer Study. <i>Breast Cancer Research</i> , 2012, 14, R56.	5.0	118
10	Iron intake, oxidative stress-related genes (MnSOD and MPO) and prostate cancer risk in CARET cohort. <i>Carcinogenesis</i> , 2008, 29, 964-970.	2.8	108
11	Evidence that breast cancer risk at the 2q35 locus is mediated through IGFBP5 regulation. <i>Nature Communications</i> , 2014, 5, 4999.	12.8	105
12	Genetic Polymorphisms of Selected DNA Repair Genes, Estrogen and Progesterone Receptor Status, and Breast Cancer Risk. <i>Clinical Cancer Research</i> , 2005, 11, 4620-4626.	7.0	98
13	Fine-Scale Mapping of the FGFR2 Breast Cancer Risk Locus: Putative Functional Variants Differentially Bind FOXA1 and E2F1. <i>American Journal of Human Genetics</i> , 2013, 93, 1046-1060.	6.2	98
14	No evidence that protein truncating variants in <i>BRIP1</i> are associated with breast cancer risk: implications for gene panel testing. <i>Journal of Medical Genetics</i> , 2016, 53, 298-309.	3.2	94
15	Genome-wide association study identifies breast cancer risk variant at 10q21.2: results from the Asia Breast Cancer Consortium. <i>Human Molecular Genetics</i> , 2011, 20, 4991-4999.	2.9	92
16	Common genetic determinants of breast-cancer risk in East Asian women: a collaborative study of 23 637 breast cancer cases and 25 579 controls. <i>Human Molecular Genetics</i> , 2013, 22, 2539-2550.	2.9	86
17	Estrogen and progesterone receptor status affect genome-wide DNA methylation profile in breast cancer. <i>Human Molecular Genetics</i> , 2010, 19, 4273-4277.	2.9	78
18	Appraising the role of previously reported risk factors in epithelial ovarian cancer risk: A Mendelian randomization analysis. <i>PLoS Medicine</i> , 2019, 16, e1002893.	8.4	78

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19	Fine-Scale Mapping of the 5q11.2 Breast Cancer Locus Reveals at Least Three Independent Risk Variants Regulating MAP3K1. <i>American Journal of Human Genetics</i> , 2015, 96, 5-20.	6.2	76
20	<i>BRCA2</i> Hypomorphic Missense Variants Confer Moderate Risks of Breast Cancer. <i>Cancer Research</i> , 2017, 77, 2789-2799.	0.9	75
21	Association of paternal age at birth and the risk of breast cancer in offspring: a case control study. <i>BMC Cancer</i> , 2005, 5, 143.	2.6	74
22	Evidence that the 5p12 Variant rs10941679 Confers Susceptibility to Estrogen-Receptor-Positive Breast Cancer through FGF10 and MRPS30 Regulation. <i>American Journal of Human Genetics</i> , 2016, 99, 903-911.	6.2	59
23	The Effect of Breastfeeding Duration and Parity on the Risk of Epithelial Ovarian Cancer: A Systematic Review and Meta-analysis. <i>Journal of Preventive Medicine and Public Health</i> , 2016, 49, 349-366.	1.9	54
24	Common non-synonymous SNPs associated with breast cancer susceptibility: findings from the Breast Cancer Association Consortium. <i>Human Molecular Genetics</i> , 2014, 23, 6096-6111.	2.9	53
25	What Are the Major Determinants in the Success of Smoking Cessation: Results from the Health Examinees Study. <i>PLoS ONE</i> , 2015, 10, e0143303.	2.5	53
26	Genetic Polymorphisms of SULT1A1 and SULT1E1 and the Risk and Survival of Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1090-1095.	2.5	52
27	Age and sex interactions in gastric cancer incidence and mortality trends in Korea. <i>Gastric Cancer</i> , 2015, 18, 580-589.	5.3	52
28	Fine-scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer. <i>International Journal of Cancer</i> , 2016, 139, 1303-1317.	5.1	51
29	Gene Polymorphisms in Cyclophosphamide Metabolism Pathway, Treatment-Related Toxicity, and Disease-Free Survival in SWOG 8897 Clinical Trial for Breast Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 6169-6176.	7.0	50
30	<i>HOGG1</i> Ser 326 Cys Polymorphism and Breast Cancer Risk among Asian Women. <i>Breast Cancer Research and Treatment</i> , 2003, 79, 59-62.	2.5	49
31	Combined effect of glutathione S-transferase M1 and T1 genotypes on bladder cancer risk. <i>Cancer Letters</i> , 2002, 177, 173-179.	7.2	48
32	Nitric Oxide Synthase Variants and Disease-Free Survival among Treated and Untreated Breast Cancer Patients in a Southwest Oncology Group Clinical Trial. <i>Clinical Cancer Research</i> , 2009, 15, 5258-5266.	7.0	46
33	Whole-Exome Sequencing Identifies Mutations of <i>KIF22</i> in Spondyloepimetaphyseal Dysplasia with Joint Laxity, Leptodactylic Type. <i>American Journal of Human Genetics</i> , 2011, 89, 760-766.	6.2	46
34	Common genetic polymorphisms of microRNA biogenesis pathway genes and risk of breast cancer: a case-control study in Korea. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 939-951.	2.5	45
35	Medical Service Utilization with Osteoporosis. <i>Endocrinology and Metabolism</i> , 2010, 25, 326.	3.0	45
36	A Haplotype Analysis of <i>HER-2</i> Gene Polymorphisms: Association with Breast Cancer Risk, <i>HER-2</i> Protein Expression in the Tumor, and Disease Recurrence in Korea. <i>Clinical Cancer Research</i> , 2005, 11, 4775-4778.	7.0	44

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37	Korean Risk Assessment Model for Breast Cancer Risk Prediction. PLoS ONE, 2013, 8, e76736.	2.5	44
38	Genetic polymorphisms of interleukin-1 beta (IL-1B) and IL-1 receptor antagonist (IL-1RN) and breast cancer risk in Korean women. Breast Cancer Research and Treatment, 2006, 96, 197-202.	2.5	43
39	Reproductive profiles and risk of breast cancer subtypes: a multi-center case-only study. Breast Cancer Research, 2017, 19, 119.	5.0	43
40	Rare variant of hypoxia-inducible factor-1 \pm (HIF-1A) and breast cancer risk in Korean women. Clinica Chimica Acta, 2008, 389, 167-170.	1.1	42
41	Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. Human Molecular Genetics, 2015, 24, 2966-2984.	2.9	40
42	Genome-wide association study in East Asians identifies two novel breast cancer susceptibility loci. Human Molecular Genetics, 2016, 25, 3361-3371.	2.9	40
43	Cytochrome P450 1A1 (CYP1A1) polymorphisms and breast cancer risk in Korean women. Experimental and Molecular Medicine, 2007, 39, 361-366.	7.7	39
44	Breast Cancer Polygenic Risk Score and Contralateral Breast Cancer Risk. American Journal of Human Genetics, 2020, 107, 837-848.	6.2	39
45	Combined effect of GSTM1, GSTT1, and COMT genotypes in individual. Breast Cancer Research and Treatment, 2004, 88, 55-62.	2.5	38
46	Evaluating genetic variants associated with breast cancer risk in high and moderate-penetrance genes in Asians. Carcinogenesis, 2017, 38, 511-518.	2.8	38
47	Genetic Polymorphisms of eNOS, Hormone Receptor Status, and Survival of Breast Cancer. Breast Cancer Research and Treatment, 2006, 100, 213-218.	2.5	37
48	Genetic polymorphism of XRCC3 Thr241Met and breast cancer risk: case-control study in Korean women and meta-analysis of 12 studies. Breast Cancer Research and Treatment, 2007, 103, 71-76.	2.5	37
49	Polymorphisms in a Putative Enhancer at the 10q21.2 Breast Cancer Risk Locus Regulate NRBF2 Expression. American Journal of Human Genetics, 2015, 97, 22-34.	6.2	37
50	A systematic review and meta-analysis of effects of menopausal hormone therapy on cardiovascular diseases. Scientific Reports, 2020, 10, 20631.	3.3	37
51	An intergenic risk locus containing an enhancer deletion in 2q35 modulates breast cancer risk by deregulating IGFBP5 expression. Human Molecular Genetics, 2016, 25, 3863-3876.	2.9	33
52	Prevalence and risk factors of distal radius and calcaneus bone mineral density in Korean population. Osteoporosis International, 2004, 15, 639-44.	3.1	30
53	Genetic polymorphisms of NOS3 are associated with the risk of invasive breast cancer with lymph node involvement. Breast Cancer Research and Treatment, 2007, 106, 433-438.	2.5	29
54	Validity of self-reported cancer history in the health examinees (HEXA) study: A comparison of self-report and cancer registry records. Cancer Epidemiology, 2017, 50, 16-21.	1.9	29

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55	Association between Genetic Polymorphisms of <i>CYP2D6</i> and Outcomes in Breast Cancer Patients with Tamoxifen Treatment. <i>Journal of Korean Medical Science</i> , 2011, 26, 1007.	2.5	28
56	Correlates of Self-Reported Sleep Duration in Middle-Aged and Elderly Koreans: from the Health Examinees Study. <i>PLoS ONE</i> , 2015, 10, e0123510.	2.5	28
57	Reproductive Factors, Glutathione S-Transferase M1 and T1 Genetic Polymorphism and Breast Cancer Risk. <i>Breast Cancer Research and Treatment</i> , 2003, 78, 89-96.	2.5	27
58	Association between chronological change of reproductive factors and breast cancer risk defined by hormone receptor status: results from the Seoul Breast Cancer Study. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 557-565.	2.5	27
59	Polygenic risk scores for prediction of breast cancer risk in Asian populations. <i>Genetics in Medicine</i> , 2022, 24, 586-600.	2.4	27
60	Manganese superoxide dismutase polymorphism, treatment-related toxicity and disease-free survival in SWOG 8897 clinical trial for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 124, 433-439.	2.5	26
61	Myeloperoxidase Genotypes and Enhanced Efficacy of Chemotherapy for Early-Stage Breast Cancer in SWOG-8897. <i>Journal of Clinical Oncology</i> , 2009, 27, 4973-4979.	1.6	24
62	Fine-Scale Mapping of the 4q24 Locus Identifies Two Independent Loci Associated with Breast Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1680-1691.	2.5	24
63	Pharmacogenetic Study of Deferasirox, an Iron Chelating Agent. <i>PLoS ONE</i> , 2013, 8, e64114.	2.5	23
64	Combined genetic effect of CDK7 and ESR1 polymorphisms on breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 121, 737-742.	2.5	21
65	Obesity at adolescence and gastric cancer risk. <i>Cancer Causes and Control</i> , 2015, 26, 247-256.	1.8	21
66	Identification of CYP19A1 single-nucleotide polymorphisms and their haplotype distributions in a Korean population. <i>Journal of Human Genetics</i> , 2010, 55, 189-193.	2.3	19
67	Association between family history of diabetes and clusters of adherence to healthy behaviors: cross-sectional results from the Health Examinees-Gem (HEXA-G) study. <i>BMJ Open</i> , 2019, 9, e025477.	1.9	19
68	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.	2.5	19
69	Genetic Variants in Interleukin-2 and Risk of Lymphoma among Children in Korea. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 621-623.	1.2	19
70	Interactive effect of genetic polymorphism of glutathione S-transferase M1 and smoking on squamous cell lung cancer risk in Korea. <i>Oncology Reports</i> , 2006, 16, 1035-9.	2.6	18
71	Tumor Subtype-Specific Associations of Hormone-Related Reproductive Factors on Breast Cancer Survival. <i>PLoS ONE</i> , 2015, 10, e0123994.	2.5	17
72	IL-17A-Producing Innate Lymphoid Cells Promote Skin Inflammation by Inducing IL-33-Driven Type 2 Immune Responses. <i>Journal of Investigative Dermatology</i> , 2020, 140, 827-837.e9.	0.7	17

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73	The Associations between Immunity-Related Genes and Breast Cancer Prognosis in Korean Women. PLoS ONE, 2014, 9, e103593.	2.5	17
74	Preoperative Serum Levels of Matrix Metalloproteinase-2 (MMP-2) and Survival of Breast Cancer among Korean Women. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 1371-1380.	2.5	16
75	Marital status and the prevalence of obesity in a Korean population. Obesity Research and Clinical Practice, 2020, 14, 217-224.	1.8	16
76	Altered expression of fucosylation pathway genes is associated with poor prognosis and tumor metastasis in non-small cell lung cancer. International Journal of Oncology, 2020, 56, 559-567.	3.3	16
77	CASP8 polymorphisms, estrogen and progesterone receptor status, and breast cancer risk. Breast Cancer Research and Treatment, 2008, 110, 387-393.	2.5	15
78	Strong association between herpes simplex virus-1 and chemotherapy-induced oral mucositis in patients with hematologic malignancies. Korean Journal of Internal Medicine, 2020, 35, 1188-1198.	1.7	15
79	Heterogeneity of epidemiological factors by breast tumor subtypes in Korean women: A case-case study. International Journal of Cancer, 2014, 135, 669-681.	5.1	14
80	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
81	Prediction of Breast Cancer Survival Using Clinical and Genetic Markers by Tumor Subtypes. PLoS ONE, 2015, 10, e0122413.	2.5	14
82	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
83	Sustained Responses of Neutralizing Antibodies Against Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Recovered Patients and Their Therapeutic Applicability. Clinical Infectious Diseases, 2021, 73, e550-e558.	5.8	14
84	Trends and Correlates of High-Risk Alcohol Consumption and Types of Alcoholic Beverages in Middle-Aged Korean Adults: Results From the HEXA-G Study. Journal of Epidemiology, 2019, 29, 125-132.	2.4	14
85	Risk Reduction of Breast Cancer by Childbirth, Breastfeeding, and Their Interaction in Korean Women: Heterogeneous Effects Across Menopausal Status, Hormone Receptor Status, and Pathological Subtypes. Journal of Preventive Medicine and Public Health, 2017, 50, 401-410.	1.9	14
86	Association of Selected Medical Conditions With Breast Cancer Risk in Korea. Journal of Preventive Medicine and Public Health, 2013, 46, 346-352.	1.9	13
87	Body mass index at age 18-20 and later risk of spontaneous abortion in the Health Examinees Study (HEXA). BMC Pregnancy and Childbirth, 2015, 15, 228.	2.4	13
88	Associations of postmenopausal hormone therapy with metabolic syndrome among diabetic and non-diabetic women. Maturitas, 2019, 121, 76-82.	2.4	13
89	Fine-Mapping of the 1p11.2 Breast Cancer Susceptibility Locus. PLoS ONE, 2016, 11, e0160316.	2.5	12
90	Association of sleep duration and quality with elevated hs-CRP among healthy Korean adults. PLoS ONE, 2020, 15, e0238053.	2.5	12

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91	Association between Change in Alcohol Consumption and Metabolic Syndrome: Analysis from the Health Examinees Study. <i>Diabetes and Metabolism Journal</i> , 2019, 43, 615.	4.7	12
92	Incorporating Polygenic Risk Scores and Nongenetic Risk Factors for Breast Cancer Risk Prediction Among Asian Women. <i>JAMA Network Open</i> , 2022, 5, e2149030.	5.9	12
93	Association between CASP7 and CASP14 genetic polymorphisms and the risk of childhood leukemia. <i>Human Immunology</i> , 2012, 73, 736-739.	2.4	11
94	Associations between genetic polymorphisms of membrane transporter genes and prognosis after chemotherapy: meta-analysis and finding from Seoul Breast Cancer Study (SEBCS). <i>Pharmacogenomics Journal</i> , 2018, 18, 633-645.	2.0	10
95	Patterns of leisure time and household physical activity and the risk of mortality among middle-aged Korean adults. <i>PLoS ONE</i> , 2020, 15, e0234852.	2.5	10
96	Common Genetic Variants in the MicroRNA Biogenesis Pathway Are Not Associated with Breast Cancer Risk in Asian Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1385-1387.	2.5	9
97	The functional ALDH2 polymorphism is associated with breast cancer risk: A pooled analysis from the Breast Cancer Association Consortium. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e707.	1.2	9
98	Genetic Predisposition of Polymorphisms in HMGB1-Related Genes to Breast Cancer Prognosis in Korean Women. <i>Journal of Breast Cancer</i> , 2017, 20, 27.	1.9	7
99	Prevalence of Participating in Physical Activity From 2 Korean Surveillance Systems: KNHANES and KCHS. <i>Journal of Physical Activity and Health</i> , 2018, 15, 763-773.	2.0	6
100	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.	6.2	6
101	Socioecological approach for identifying the determinants of objectively measured physical activity: A prospective study of the UK Biobank. <i>Preventive Medicine</i> , 2022, 155, 106949.	3.4	6
102	New Breast Cancer Risk Variant Discovered at 10q25 in East Asian Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1297-1303.	2.5	5
103	Effect of Citric Acid Cycle Genetic Variants and Their Interactions with Obesity, Physical Activity and Energy Intake on the Risk of Colorectal Cancer: Results from a Nested Case-Control Study in the UK Biobank. <i>Cancers</i> , 2020, 12, 2939.	3.7	5
104	Network Analysis in Systems Epidemiology. <i>Journal of Preventive Medicine and Public Health</i> , 2021, 54, 259-564.	1.9	5
105	Effects of menopausal hormone therapy on cardiovascular diseases and type 2 diabetes in middle-aged postmenopausal women: analysis of the Korea National Health Insurance Service Database. <i>Menopause</i> , 2021, 28, 1225-1232.	2.0	5
106	Risk Assessment and Pharmacogenetics in Molecular and Genomic Epidemiology. <i>Journal of Preventive Medicine and Public Health</i> , 2009, 42, 371.	1.9	5
107	Gene-Environment Interactions Relevant to Estrogen and Risk of Breast Cancer: Can Gene-Environment Interactions Be Detected Only among Candidate SNPs from Genome-Wide Association Studies?. <i>Cancers</i> , 2021, 13, 2370.	3.7	4
108	Network of biomarkers and their mediation effects on the associations between regular exercise and the incidence of cardiovascular & metabolic diseases. <i>Scientific Reports</i> , 2021, 11, 12802.	3.3	4

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109	Korean Epithelial Ovarian Cancer Study (Ko-EVE): Protocols and Interim Report. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 3731-3740.	1.2	4
110	Neighborhood-level and individual-level socioeconomic status and self-reported management of ischaemic heart disease: cross-sectional results from the Korea Health Examinees Study. <i>BMJ Open</i> , 2019, 9, e021577.	1.9	3
111	Relative Effects of Demographic, Psychological, Behavioral, and Social Factors on the Initiation and Maintenance of Leisure-time Physical Activity: Results From a Confirmatory Path Analysis in a Longitudinal Study. <i>Journal of Epidemiology</i> , 2021, 31, 557-565.	2.4	2
112	Breast Cancer-Related Low Penetrance Genes. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1187, 419-434.	1.6	1
113	Pharmacogenetic Study of Deferasirox, An Iron Chelating Agent. <i>Blood</i> , 2010, 116, 2060-2060.	1.4	1
114	Chronic rhinosinusitis endotypes associate with distinct local cytokine milieus that shape the distribution of innate lymphoid cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2246-2250.	5.7	1
115	Relevance of the MHC region for breast cancer susceptibility in Asians. <i>Breast Cancer</i> , 2022, 29, 869-879.	2.9	1
116	Integrative analysis of genetic and clinical risk factors for bone loss in a Korean population. <i>Bone</i> , 2021, 147, 115910.	2.9	0
117	Evidence of Convergent Validity for Measuring Free-Living Walking Using Wearable Devices. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 780.	0.4	0