

# Sungkyoung Choi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

319  
citations

933447

10  
h-index

888059

17  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonsynonymous Variants in <i>PAX4</i> and <i>GLP1R</i> Are Associated With Type 2 Diabetes in an East Asian Population. <i>Diabetes</i> , 2018, 67, 1892-1902.	0.6	36
2	FARVAT: a family-based rare variant association test. <i>Bioinformatics</i> , 2014, 30, 3197-3205.	4.1	34
3	Pathway-based approach using hierarchical components of collapsed rare variants. <i>Bioinformatics</i> , 2016, 32, i586-i594.	4.1	31
4	Evaluating the contribution of rare variants to type 2 diabetes and related traits using pedigrees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 379-384.	7.1	28
5	Longitudinal analysis to better characterize Asthma-COPD overlap syndrome: Findings from an adult asthma cohort in Korea (COREA). <i>Clinical and Experimental Allergy</i> , 2019, 49, 603-614.	2.9	23
6	Derivation and validation of a risk scoring model to predict advanced colorectal neoplasm in adults of all ages. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 1328-1335.	2.8	22
7	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. <i>Human Molecular Genetics</i> , 2016, 25, 2070-2081.	2.9	21
8	Molecular Diagnosis of Craniosynostosis Using Targeted Next-Generation Sequencing. <i>Neurosurgery</i> , 2020, 87, 294-302.	1.1	20
9	Hierarchical structural component modeling of microRNA-mRNA integration analysis. <i>BMC Bioinformatics</i> , 2018, 19, 75.	2.6	17
10	Development and validation of a scoring system for advanced colorectal neoplasm in young Korean subjects less than age 50 years. <i>Intestinal Research</i> , 2019, 17, 253-264.	2.6	13
11	WISARD: workbench for integrated superfast association studies for related datasets. <i>BMC Medical Genomics</i> , 2018, 11, 39.	1.5	11
12	A Case-Centered Approach to Nursing Ethics Education: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7748.	2.6	11
13	HisCoM-GGI: Hierarchical structural component analysis of gene-gene interactions. <i>Journal of Bioinformatics and Computational Biology</i> , 2018, 16, 1840026.	0.8	10
14	Comparing family-based rare variant association tests for dichotomous phenotypes. <i>BMC Proceedings</i> , 2016, 10, 181-186.	1.6	7
15	Pathway-based approach using hierarchical components of rare variants to analyze multiple phenotypes. <i>BMC Bioinformatics</i> , 2018, 19, 79.	2.6	6
16	HisCoM-PAGE: Hierarchical Structural Component Models for Pathway Analysis of Gene Expression Data. <i>Genes</i> , 2019, 10, 931.	2.4	6
17	Unraveling the Genomic Architecture of the CYP3A Locus and ADME Genes for Personalized Tacrolimus Dosing. <i>Transplantation</i> , 2021, 105, 2213-2225.	1.0	6
18	<i>FARVATX</i> : Family-Based Rare Variant Association Test for X-Linked Genes. <i>Genetic Epidemiology</i> , 2016, 40, 475-485.	1.3	5

#	ARTICLE	IF	CITATIONS
19	The Scope of Practice for Registered Nurses in 64 South Korean Laws. Journal of Korean Academy of Nursing, 2019, 49, 760.	1.2	4
20	Characterization and Validation of an "Acute Aerobic Exercise Load" as a Tool to Assess Antioxidative and Anti-inflammatory Nutrition in Healthy Subjects Using a Statistically Integrated Approach in a Comprehensive Clinical Trial. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	2
21	HisCoM-GA-E: Hierarchical Structural Component Analysis of Gene-Based Gene-Environment Interactions. International Journal of Molecular Sciences, 2020, 21, 6724.	4.1	2
22	Drug response prediction model using a hierarchical structural component modeling method. BMC Bioinformatics, 2018, 19, 288.	2.6	1
23	Determinants of Legislation on Social Health Insurance in Transition Countries. International Journal of Health Services, 2020, 52, 002073142095201.	2.5	1
24	HisCoM-GGI: Software for Hierarchical Structural Component Analysis of Gene-Gene Interactions. Genomics and Informatics, 2018, 16, e38.	0.8	1
25	Medicolegal lessons learned from thyroidectomy-related lawsuits: an analysis of judicial precedents in South Korea from 1998 to 2019. Gland Surgery, 2020, 9, 1286-1297.	1.1	1
26	Robust analysis of related samples under the presence of population substructure. , 2011, , .		0
27	Fine-scale mapping of disease susceptibility locus with Bayesian partition model. Genes and Genomics, 2012, 34, 401-407.	1.4	0
28	Robust analysis with related samples under the presence of population substructure and its application to body mass index. Genes and Genomics, 2014, 36, 643-654.	1.4	0
29	Genome-wide association analysis with matched samples discloses additional novel risk loci. , 2014, , .		0
30	Competitive pathway analysis using Structural Equation Models (CPA-SEM) for gene expression data. , 2015, , .		0
31	A post-hoc genome-wide association study using matched samples. International Journal of Data Mining and Bioinformatics, 2016, 14, 197.	0.1	0
32	Targeted next-generation sequencing to identify genetic polymorphism associated with levetiracetam-induced psychosis. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR11-2.	0.0	0