Woojoo Lee

List of Publications by Year
in descending order

78 papers	**706** citations	759233 **12** h-index	642732 **23** g-index
81 all docs	**81** docs citations	**81** times ranked	**1312** citing authors

#	ARTICLE	IF	CITATIONS
1	Does McNemar's test compare the sensitivities and specificities of two diagnostic tests?. Statistical Methods in Medical Research, 2017, 26, 142-154.	1.5	71
2	Sparse partial least-squares regression and its applications to high-throughput data analysis. Chemometrics and Intelligent Laboratory Systems, 2011, 109, 1-8.	3.5	65
3	Deep Learning–based Automatic Detection Algorithm for Reducing Overlooked Lung Cancers on Chest Radiographs. Radiology, 2020, 296, 652-661.	7.3	43
4	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. Radiology, 2019, 290, 814-823.	7.3	42
5	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. Korean Journal of Radiology, 2019, 20, 1300.	3.4	42
6	Multidimensional Normalization to Minimize Plate Effects of Suspension Bead Array Data. Journal of Proteome Research, 2016, 15, 3473-3480.	3.7	38
7	Super-sparse principal component analyses for high-throughput genomic data. BMC Bioinformatics, 2010, 11, 296.	2.6	35
8	Large-scale non-targeted metabolomic profiling in three human population-based studies. Metabolomics, 2016, 12, 1.	3.0	29
9	On the multidimensional extension of countermonotonicity and its applications. Insurance: Mathematics and Economics, 2014, 56, 68-79.	1.2	19
10	Machine learning enhances the performance of short and long-term mortality prediction model in non-ST-segment elevation myocardial infarction. Scientific Reports, 2021, 11, 12886.	3.3	18
11	Blood Pressure Reference Values for Normal Weight Korean Children and Adolescents: Data from The Korea National Health and Nutrition Examination Survey 1998–2016: The Korean Working Group of Pediatric Hypertension. Korean Circulation Journal, 2019, 49, 1167.	1.9	17
12	Sparse Canonical Covariance Analysis for High-throughput Data. Statistical Applications in Genetics and Molecular Biology, 2011, 10, .	0.6	15
13	Dopamine dysregulation in psychotic relapse after antipsychotic discontinuation: an [18F]DOPA and [11C]raclopride PET study in first-episode psychosis. Molecular Psychiatry, 2021, 26, 3476-3488.	7.9	15
14	Three-year surveillance of culicine mosquitoes (Diptera: Culicidae) for flavivirus infections in Incheon Metropolitan City and Hwaseong-si of Gyeonggi-do Province, Republic of Korea. Acta Tropica, 2020, 202, 105258.	2.0	14
15	Sleep deprivation impairs learning and memory by decreasing protein <i>O</i> â€‘GlcNAcylation in the brain of adult zebrafish. FASEB Journal, 2020, 34, 853-864.	0.5	14
16	Hygroscopic properties of particulate matter and effects of their interactions with weather on visibility. Scientific Reports, 2021, 11, 16401.	3.3	13
17	On copula-based collective risk models: from elliptical copulas to vine copulas. Scandinavian Actuarial Journal, 2021, 2021, 1-33.	1.7	12
18	Prenatal heavy metal exposures and atopic dermatitis with gender difference in 6-month-old infants using multipollutant analysis. Environmental Research, 2021, 195, 110865.	7.5	11

#	Article	IF	Citations
19	Modifications of REML algorithm for HGLMs. Statistics and Computing, 2012, 22, 959-966.	1.5	10
20	Multivariate countermonotonicity and the minimal copulas. Journal of Computational and Applied Mathematics, 2017, 317, 589-602.	2.0	10
21	Effects of Local Anesthetic Volume (Standard Versus Low) on Incidence of Hemidiaphragmatic Paralysis and Analgesic Quality for Ultrasound-Guided Superior Trunk Block After Arthroscopic Shoulder Surgery. Anesthesia and Analgesia, 2021, 133, 1303-1310.	2.2	10
22	Prediction interval for disease mapping using hierarchical likelihood. Computational Statistics, 2011, 26, 159-179.	1.5	9
23	A modified generalized lasso algorithm to detect local spatial clusters for count data. AStA Advances in Statistical Analysis, 2018, 102, 537-563.	0.9	9
24	Profiles of histidine-rich glycoprotein associate with age and risk of all-cause mortality. Life Science Alliance, 2020, 3, e202000817.	2.8	9
25	The hierarchical-likelihood approach to autoregressive stochastic volatility models. Computational Statistics and Data Analysis, 2011, 55, 248-260.	1.2	8
26	Sparse partial least‐squares regression for high‐throughput survival data analysis. Statistics in Medicine, 2013, 32, 5340-5352.	1.6	8
27	On the Analysis of a Repeated Measure Design in Genome-Wide Association Analysis. International Journal of Environmental Research and Public Health, 2014, 11, 12283-12303.	2.6	8
28	Bounds on sufficient-cause interaction. European Journal of Epidemiology, 2014, 29, 813-820.	5.7	8
29	Joint association of prenatal bisphenol-A and phthalates exposure with risk of atopic dermatitis in 6-month-old infants. Science of the Total Environment, 2021, 789, 147953.	8.0	8
30	Application of N Descriptors Proposed by the International Association for the Study of Lung Cancer in Clinical Staging. Radiology, 2021, 300, 450-457.	7.3	7
31	Geostatistical downscaling of AMSR2 precipitation with COMS infrared observations. International Journal of Remote Sensing, 2016, 37, 3858-3869.	2.9	6
32	The Poisson random effect model for experience ratemaking: Limitations and alternative solutions. Insurance: Mathematics and Economics, 2020, 91, 26-36.	1.2	6
33	Effect of intravenous dexamethasone on the duration of postoperative analgesia for popliteal sciatic nerve block: a randomized, double-blind, placebo-controlled study. Korean Journal of Anesthesiology, 2021, 74, 317-324.	2.5	6
34	A Critical Look at Entropy‐Based Gene‐Gene Interaction Measures. Genetic Epidemiology, 2016, 40, 416-424.	1.3	5
35	Comparative Assessment of Diagnostic Performances of Two Commercial Rapid Diagnostic Test Kits for Detection of Plasmodium spp. in Ugandan Patients with Malaria. Korean Journal of Parasitology, 2018, 56, 447-452.	1.3	5
36	Financial interpretation of herd behavior index and its statistical estimation. Journal of the Korean Statistical Society, 2015, 44, 295-311.	0.4	4

#	Article	IF	Citations
37	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. PLoS ONE, 2019, 14, e0225096.	2.5	4
38	Estimating the number of true discoveries in genome‐wide association studies. Statistics in Medicine, 2012, 31, 1177-1189.	1.6	3
39	A Hierarchical Generalized Linear Model in Combination with Dispersion Modeling to Improve Sib-Pair Linkage Analysis. Human Heredity, 2015, 80, 12-20.	0.8	3
40	Identifying and Assessing Interesting Subgroups in a Heterogeneous Population. BioMed Research International, 2015, 2015, 1-13.	1.9	3
41	BALLI: Bartlett-adjusted likelihood-based linear model approach for identifying differentially expressed genes with RNA-seq data. BMC Genomics, 2019, 20, 540.	2.8	3
42	The Association between Community Water Fluoridation and Bone Diseases: A Natural Experiment in Cheongju, Korea. International Journal of Environmental Research and Public Health, 2020, 17, 9170.	2.6	3
43	Resolving the ambiguity of random‐effects models with singular precision matrix. Statistica Neerlandica, 2021, 75, 482.	1.6	3
44	Effectiveness of bystander cardiopulmonary resuscitation in improving the survival and neurological recovery of patients with out-of-hospital cardiac arrest: A nationwide patient cohort study. PLoS ONE, 2020, 15, e0243757.	2.5	3
45	Random-effect models with singular precision. Journal of Statistical Planning and Inference, 2013, 143, 2128-2141.	0.6	2
46	Nonparametric estimation of the rediscovery rate. Statistics in Medicine, 2016, 35, 3203-3212.	1.6	2
47	On high-dimensional two sample mean testing statistics: a comparative study with a data adaptive choice of coefficient vector. Computational Statistics, 2016, 31, 451-464.	1.5	2
48	Inconsistency associated with SOX11 immunohistochemistry in mantle cell lymphoma: a meta-analysis. Journal of Hematopathology, 2019, 12, 109-119.	0.4	2
49	Logical and test consistency in pairwise multiple comparisons. Journal of Statistical Planning and Inference, 2020, 206, 145-162.	0.6	2
50	A review on recent advances and applications of h-likelihood method. Journal of the Korean Statistical Society, 2021, 50, 681-702.	0.4	2
51	PD-L1 expression and patient outcomes in gastrointestinal neuroendocrine neoplasm: a meta-analysis. Translational Cancer Research, 2021, 10, 2210-2218.	1.0	2
52	Knowledge and Expectations of Hearing Aid Apps Among Smartphone Users and Hearing Professionals: Cross-sectional Survey. JMIR MHealth and UHealth, 2022, 10, e27809.	3.7	2
53	Application of Standardization for Causal Inference in Observational Studies: A Step-by-step Tutorial for Analysis Using R Software. Journal of Preventive Medicine and Public Health, 2022, 55, 116-124.	1.9	2
54	Perception and expectations of personal sound amplification products in Korea: A hospital-based, multi-center, cross-sectional survey. PLoS ONE, 2022, 17, e0269123.	2.5	2

#	ARTICLE	IF	CITATIONS
55	A Regression Model for the AUC of Clustered Ordinal Test Results and Working Independent Optimal Weights. Communications in Statistics Part B: Simulation and Computation, 2012, 41, 1397-1410.	1.2	1
56	Measuring herd behavior: properties and pitfalls. Dependence Modeling, 2017, 5, 316-329.	0.5	1
57	Likelihoodâ€based inference for bounds of causal parameters. Statistics in Medicine, 2018, 37, 4695-4706.	1.6	1
58	Hypothesis testing via a penalized-likelihood approach. Journal of the Korean Statistical Society, 2019, 48, 265-277.	0.4	1
59	On testing the hidden heterogeneity in negative binomial regression models. Metrika, 2019, 82, 457-470.	0.8	1
60	Epidemiological and spatio-temporal characteristics of COVID-19 in Rwanda. Global Epidemiology, 2021, 3, 100058.	1.5	1
61	A case study for intercontinental comparison of herd behavior in global stock markets. Communications for Statistical Applications and Methods, 2018, 25, 185-197.	0.3	1
62	Model-Based Approach for Designing an Efficient Bioequivalence Study for Highly Variable Drugs. Pharmaceuticals, 2021, 14, 1101.	3.8	1
63	Long-Term Monitoring of Noxious Bacteria for Construction of Assurance Management System of Water Resources in Natural Status of the Republic of Korea. Journal of Microbiology and Biotechnology, 2020, 30, 1516-1524.	2.1	1
64	Sensitivity analysis on the ecological bias for Seoul tuberculosis data. Environmental and Ecological Statistics, 2018, 25, 341-362.	3.5	0
65	An analysis pipeline for estimating true intake from repeated measurements with random errors. Communications in Statistics - Theory and Methods, 2019, 48, 1239-1254.	1.0	0
66	Discovering hidden statistical issues through individual-level models in ecological studies. Journal of Applied Statistics, 2019, 46, 2540-2552.	1.3	0
67	On the finite sample distribution of the likelihood ratio statistic for testing heterogeneity in metaâ€analysis. Biometrical Journal, 2020, 62, 1986-1996.	1.0	0
68	In defense of LASSO. Communications in Statistics - Theory and Methods, 2020, , 1-25.	1.0	0
69	On the goodness-of-fit tests for gamma generalized linear models. Journal of the Korean Statistical Society, 2021, 50, 315-332.	0.4	0
70	Revisiting the analysis pipeline for overdispersed Poisson and binomial data. Journal of Applied Statistics, 0, , 1-22.	1.3	0
71	Comparison of Thoracic Epidural Access with Lateral Decubitus and Shoulder Rotation Positions for Repeat Thoracic Epidural Blockade. Pain Physician, 2021, 24, E327-E334.	0.4	0
72	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. , 2019, 14, e0225096.		0

#	Article	IF	Citations
73	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. , 2019, 14, e0225096.		0
74	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. , 2019, 14, e0225096.		0
75	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. , 2019, 14, e0225096.		0
76	QTc interval prolongation due to spinal anesthesia in patients with and without diabetes: an observational study. BMC Anesthesiology, 2022, 22, 143.	1.8	0
77	A Critical Review of Propensity Score Matching in Causal Inference. Journal of Health Informatics and Statistics, 2022, 47, 9-19.	0.4	0
78	Reaction to the COVID-19 pandemic in Seoul with biostatistics. Infectious Disease Modelling, 2022, 7, 419-429.	1.9	0