

Woojoo Lee

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

706
citations

758635

12
h-index

642321

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?. <i>Statistical Methods in Medical Research</i> , 2017, 26, 142-154.	0.7	71
2	Sparse partial least-squares regression and its applications to high-throughput data analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 109, 1-8.	1.8	65
3	Deep Learning-based Automatic Detection Algorithm for Reducing Overlooked Lung Cancers on Chest Radiographs. <i>Radiology</i> , 2020, 296, 652-661.	3.6	43
4	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. <i>Radiology</i> , 2019, 290, 814-823.	3.6	42
5	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. <i>Korean Journal of Radiology</i> , 2019, 20, 1300.	1.5	42
6	Multidimensional Normalization to Minimize Plate Effects of Suspension Bead Array Data. <i>Journal of Proteome Research</i> , 2016, 15, 3473-3480.	1.8	38
7	Super-sparse principal component analyses for high-throughput genomic data. <i>BMC Bioinformatics</i> , 2010, 11, 296.	1.2	35
8	Large-scale non-targeted metabolomic profiling in three human population-based studies. <i>Metabolomics</i> , 2016, 12, 1.	1.4	29
9	On the multidimensional extension of countermonotonicity and its applications. <i>Insurance: Mathematics and Economics</i> , 2014, 56, 68-79.	0.7	19
10	Machine learning enhances the performance of short and long-term mortality prediction model in non-ST-segment elevation myocardial infarction. <i>Scientific Reports</i> , 2021, 11, 12886.	1.6	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. <i>Korean Circulation Journal</i> , 2019, 49, 1167.	0.7	17
12	Sparse Canonical Covariance Analysis for High-throughput Data. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2011, 10, .	0.2	15
13	Dopamine dysregulation in psychotic relapse after antipsychotic discontinuation: an [¹⁸ F]DOPA and [¹¹ C]raclopride PET study in first-episode psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 3476-3488.	4.1	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. <i>Acta Tropica</i> , 2020, 202, 105258.	0.9	14
15	Sleep deprivation impairs learning and memory by decreasing protein O-GlcNAcylation in the brain of adult zebrafish. <i>FASEB Journal</i> , 2020, 34, 853-864.	0.2	14
16	Hygroscopic properties of particulate matter and effects of their interactions with weather on visibility. <i>Scientific Reports</i> , 2021, 11, 16401.	1.6	13
17	On copula-based collective risk models: from elliptical copulas to vine copulas. <i>Scandinavian Actuarial Journal</i> , 2021, 2021, 1-33.	1.0	12
18	Prenatal heavy metal exposures and atopic dermatitis with gender difference in 6-month-old infants using multipollutant analysis. <i>Environmental Research</i> , 2021, 195, 110865.	3.7	11

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19	Modifications of REML algorithm for HGLMs. <i>Statistics and Computing</i> , 2012, 22, 959-966.	0.8	10
20	Multivariate countermonotonicity and the minimal copulas. <i>Journal of Computational and Applied Mathematics</i> , 2017, 317, 589-602.	1.1	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. <i>Anesthesia and Analgesia</i> , 2021, 133, 1303-1310.	1.1	10
22	Prediction interval for disease mapping using hierarchical likelihood. <i>Computational Statistics</i> , 2011, 26, 159-179.	0.8	9
23	A modified generalized lasso algorithm to detect local spatial clusters for count data. <i>AStA Advances in Statistical Analysis</i> , 2018, 102, 537-563.	0.4	9
24	Profiles of histidine-rich glycoprotein associate with age and risk of all-cause mortality. <i>Life Science Alliance</i> , 2020, 3, e202000817.	1.3	9
25	The hierarchical-likelihood approach to autoregressive stochastic volatility models. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 248-260.	0.7	8
26	Sparse partial least-squares regression for high-throughput survival data analysis. <i>Statistics in Medicine</i> , 2013, 32, 5340-5352.	0.8	8
27	On the Analysis of a Repeated Measure Design in Genome-Wide Association Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 12283-12303.	1.2	8
28	Bounds on sufficient-cause interaction. <i>European Journal of Epidemiology</i> , 2014, 29, 813-820.	2.5	8
29	Joint association of prenatal bisphenol-A and phthalates exposure with risk of atopic dermatitis in 6-month-old infants. <i>Science of the Total Environment</i> , 2021, 789, 147953.	3.9	8
30	Application of N Descriptors Proposed by the International Association for the Study of Lung Cancer in Clinical Staging. <i>Radiology</i> , 2021, 300, 450-457.	3.6	7
31	Geostatistical downscaling of AMSR2 precipitation with COMS infrared observations. <i>International Journal of Remote Sensing</i> , 2016, 37, 3858-3869.	1.3	6
32	The Poisson random effect model for experience ratemaking: Limitations and alternative solutions. <i>Insurance: Mathematics and Economics</i> , 2020, 91, 26-36.	0.7	6
33	Effect of intravenous dexamethasone on the duration of postoperative analgesia for popliteal sciatic nerve block: a randomized, double-blind, placebo-controlled study. <i>Korean Journal of Anesthesiology</i> , 2021, 74, 317-324.	0.9	6
34	A Critical Look at Entropy-Based Gene-Gene Interaction Measures. <i>Genetic Epidemiology</i> , 2016, 40, 416-424.	0.6	5
35	Comparative Assessment of Diagnostic Performances of Two Commercial Rapid Diagnostic Test Kits for Detection of Plasmodium spp. in Ugandan Patients with Malaria. <i>Korean Journal of Parasitology</i> , 2018, 56, 447-452.	0.5	5
36	Financial interpretation of herd behavior index and its statistical estimation. <i>Journal of the Korean Statistical Society</i> , 2015, 44, 295-311.	0.3	4

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37	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. PLoS ONE, 2019, 14, e0225096.	1.1	4
38	Estimating the number of true discoveries in genome-wide association studies. Statistics in Medicine, 2012, 31, 1177-1189.	0.8	3
39	A Hierarchical Generalized Linear Model in Combination with Dispersion Modeling to Improve Sib-Pair Linkage Analysis. Human Heredity, 2015, 80, 12-20.	0.4	3
40	Identifying and Assessing Interesting Subgroups in a Heterogeneous Population. BioMed Research International, 2015, 2015, 1-13.	0.9	3
41	BALLI: Bartlett-adjusted likelihood-based linear model approach for identifying differentially expressed genes with RNA-seq data. BMC Genomics, 2019, 20, 540.	1.2	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.	1.2	3
43	Resolving the ambiguity of random-effects models with singular precision matrix. Statistica Neerlandica, 2021, 75, 482.	0.9	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.	1.1	3
45	Random-effect models with singular precision. Journal of Statistical Planning and Inference, 2013, 143, 2128-2141.	0.4	2
46	Nonparametric estimation of the rediscovery rate. Statistics in Medicine, 2016, 35, 3203-3212.	0.8	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.	0.8	2
48	Inconsistency associated with SOX11 immunohistochemistry in mantle cell lymphoma: a meta-analysis. Journal of Hematopathology, 2019, 12, 109-119.	0.2	2
49	Logical and test consistency in pairwise multiple comparisons. Journal of Statistical Planning and Inference, 2020, 206, 145-162.	0.4	2
50	A review on recent advances and applications of h-likelihood method. Journal of the Korean Statistical Society, 2021, 50, 681-702.	0.3	2
51	PD-L1 expression and patient outcomes in gastrointestinal neuroendocrine neoplasm: a meta-analysis. Translational Cancer Research, 2021, 10, 2210-2218.	0.4	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.	1.8	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.	0.7	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.	1.1	2

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55	A Regression Model for the AUC of Clustered Ordinal Test Results and Working Independent Optimal Weights. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2012, 41, 1397-1410.	0.6	1
56	Measuring herd behavior: properties and pitfalls. <i>Dependence Modeling</i> , 2017, 5, 316-329.	0.2	1
57	Likelihood-based inference for bounds of causal parameters. <i>Statistics in Medicine</i> , 2018, 37, 4695-4706.	0.8	1
58	Hypothesis testing via a penalized-likelihood approach. <i>Journal of the Korean Statistical Society</i> , 2019, 48, 265-277.	0.3	1
59	On testing the hidden heterogeneity in negative binomial regression models. <i>Metrika</i> , 2019, 82, 457-470.	0.5	1
60	Epidemiological and spatio-temporal characteristics of COVID-19 in Rwanda. <i>Global Epidemiology</i> , 2021, 3, 100058.	0.6	1
61	A case study for intercontinental comparison of herd behavior in global stock markets. <i>Communications for Statistical Applications and Methods</i> , 2018, 25, 185-197.	0.1	1
62	Model-Based Approach for Designing an Efficient Bioequivalence Study for Highly Variable Drugs. <i>Pharmaceuticals</i> , 2021, 14, 1101.	1.7	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. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1516-1524.	0.9	1
64	Sensitivity analysis on the ecological bias for Seoul tuberculosis data. <i>Environmental and Ecological Statistics</i> , 2018, 25, 341-362.	1.9	0
65	An analysis pipeline for estimating true intake from repeated measurements with random errors. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 1239-1254.	0.6	0
66	Discovering hidden statistical issues through individual-level models in ecological studies. <i>Journal of Applied Statistics</i> , 2019, 46, 2540-2552.	0.6	0
67	On the finite sample distribution of the likelihood ratio statistic for testing heterogeneity in meta-analysis. <i>Biometrical Journal</i> , 2020, 62, 1986-1996.	0.6	0
68	In defense of LASSO. <i>Communications in Statistics - Theory and Methods</i> , 2020, , 1-25.	0.6	0
69	On the goodness-of-fit tests for gamma generalized linear models. <i>Journal of the Korean Statistical Society</i> , 2021, 50, 315-332.	0.3	0
70	Revisiting the analysis pipeline for overdispersed Poisson and binomial data. <i>Journal of Applied Statistics</i> , 0, , 1-22.	0.6	0
71	Comparison of Thoracic Epidural Access with Lateral Decubitus and Shoulder Rotation Positions for Repeat Thoracic Epidural Blockade. <i>Pain Physician</i> , 2021, 24, E327-E334.	0.3	0
72	Diagnostic accuracy of SOX11 immunohistochemistry in mantle cell lymphoma: A meta-analysis. , 2019, 14, e0225096.		0

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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.	0.7	0
77	A Critical Review of Propensity Score Matching in Causal Inference. Journal of Health Informatics and Statistics, 2022, 47, 9-19.	0.1	0
78	Reaction to the COVID-19 pandemic in Seoul with biostatistics. Infectious Disease Modelling, 2022, 7, 419-429.	1.2	0