Youngjo Lee

List of Publications by Year
in descending order

124	2,415	279487 23	288905 40
papers	citations	h-index	g-index

126	126	126	2131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generalized Linear Models with Random Effects. , 0, , .		284
2	Double hierarchical generalized linear models (with discussion). Journal of the Royal Statistical Society Series C: Applied Statistics, 2006, 55, 139-185.	0.5	160
3	Conditional and Marginal Models: Another View. Statistical Science, 2004, 19, 219.	1.6	156
4	Building a new culture for quality management in the era of the Fourth Industrial Revolution. Total Quality Management and Business Excellence, 2017, 28, 934-945.	2.4	80
5	Robust Design via Generalized Linear Models. Journal of Quality Technology, 2003, 35, 2-12.	1.8	76
6	Effects of Internet and Smartphone Addictions on Depression and Anxiety Based on Propensity Score Matching Analysis. International Journal of Environmental Research and Public Health, 2018, 15, 859.	1.2	73
7	Distinct patterns of Internet and smartphone-related problems among adolescents by gender: Latent class analysis. Journal of Behavioral Addictions, 2018, 7, 454-465.	1.9	69
8	REML estimation for binary data in GLMMs. Journal of Multivariate Analysis, 2007, 98, 896-915.	0.5	68
9	Sparse partial least-squares regression and its applications to high-throughput data analysis. Chemometrics and Intelligent Laboratory Systems, 2011, 109, 1-8.	1.8	65
10	Development of data-driven technology roadmap considering dependency: An ARM-based technology roadmapping. Technological Forecasting and Social Change, 2015, 91, 264-279.	6.2	61
11	Estimating Frailty Models via Poisson Hierarchical Generalized Linear Models. Journal of Computational and Graphical Statistics, 2003, 12, 663-681.	0.9	59
12	Employing long short-term memory and Facebook prophet model in air temperature forecasting. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 279-290.	0.6	46
13	JOINT MODELING OF MEAN AND DISPERSION. Technometrics, 1998, 40, 168-171.	1.3	42
14	Modelling and analysing correlated non-normal data. Statistical Modelling, 2001, 1, 3-16.	0.5	39
15	Model selection for multi-component frailty models. Statistics in Medicine, 2007, 26, 4790-4807.	0.8	37
16	Associations of personality and clinical characteristics with excessive Internet and smartphone use in adolescents: A structural equation modeling approach. Addictive Behaviors, 2020, 110, 106485.	1.7	37
17	Super-sparse principal component analyses for high-throughput genomic data. BMC Bioinformatics, 2010, 11, 296.	1.2	35
18	Statistical Modelling of Survival Data with Random Effects. Statistics in the Health Sciences, 2017, , .	0.2	35

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19	Log-Normal Versus Gamma Models for Analyzing Data from Quality-Improvement Experiments. Quality Engineering, 2008, 21, 79-87.	0.7	33
20	Comparison of hierarchical likelihood versus orthodox best linear unbiased predictor approaches for frailty models. Biometrika, 2005, 92, 717-723.	1.3	30
21	A new sparse variable selection via random-effect model. Journal of Multivariate Analysis, 2014, 125, 89-99.	0.5	29
22	Hydroxycoumarin OT-55 kills CML cells alone or in synergy with imatinib or Synribo: Involvement of ER stress and DAMP release. Cancer Letters, 2018, 438, 197-218.	3.2	29
23	Robust Modeling for Inference From Generalized Linear Model Classes. Journal of the American Statistical Association, 2007, 102, 1059-1072.	1.8	27
24	Analysis of clustered competing risks data using subdistribution hazard models with multivariate frailties. Statistical Methods in Medical Research, 2016, 25, 2488-2505.	0.7	27
25	Using Hierarchical Likelihood Towards Support Vector Machine: Theory and Its Application. IEEE Access, 2020, 8, 194795-194807.	2.6	25
26	Comparison of hierarchical and marginal likelihood estimators for binary outcomes. Computational Statistics and Data Analysis, 2004, 45, 639-650.	0.7	24
27	Likelihood Inference for Models with Unobservables: Another View. Statistical Science, 2009, 24, .	1.6	24
28	H-likelihood: problems and solutions. Statistics and Computing, 2007, 17, 49-55.	0.8	23
29	Orthodox BLUP versus h-likelihood methods for inferences aboutÂ random effects in Tweedie mixed models. Statistics and Computing, 2010, 20, 295-303.	0.8	21
30	Connecting Climate and Communicable Disease to Penta Helix Using Hierarchical Likelihood Structural Equation Modelling. Symmetry, 2021, 13, 657.	1.1	21
31	Bias Reduction of Likelihood Estimators in Semiparametric Frailty Models. Scandinavian Journal of Statistics, 2010, 37, 307-320.	0.9	20
32	The dialkyl resorcinol stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. Cancer Letters, 2018, 416, 109-123.	3.2	20
33	Variable selection in subdistribution hazard frailty models with competing risks data. Statistics in Medicine, 2014, 33, 4590-4604.	0.8	19
34	Variable Selection in General Frailty Models Using Penalized H-Likelihood. Journal of Computational and Graphical Statistics, 2014, 23, 1044-1060.	0.9	18
35	Extendedt-process regression models. Journal of Statistical Planning and Inference, 2017, 189, 38-60.	0.4	18
36	Decomposing P300 into correlates of genetic risk and current symptoms in schizophrenia: An inter-trial variability analysis. Schizophrenia Research, 2018, 192, 232-239.	1.1	18

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37	Extended-REML estimators. Journal of Applied Statistics, 2003, 30, 845-856.	0.6	17
38	A visual scanning of potential disruptive signals for technology roadmapping: investigating keyword cluster, intensity, and relationship in futuristic data. Technology Analysis and Strategic Management, 2016, 28, 1225-1246.	2.0	17
39	Extended Likelihood Approach to Large-Scale Multiple Testing. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2013, 75, 553-575.	1.1	16
40	Sparse Canonical Covariance Analysis for High-throughput Data. Statistical Applications in Genetics and Molecular Biology, 2011, 10, .	0.2	15
41	Analysis strategies for multiple responses in quality improvement experiments. International Journal of Quality Engineering and Technology, 2010, 1, 395.	0.0	14
42	The Impact of Social Media Influencers Raffi Ahmad and Nagita Slavina on Tourism Visit Intentions across Millennials and Zoomers Using a Hierarchical Likelihood Structural Equation Model. Sustainability, 2022, 14, 524.	1.6	14
43	Analysis of ulcer data using hierarchical generalized linear models. Statistics in Medicine, 2002, 21, 191-202.	0.8	13
44	Improving Resistivity of Urea Formaldehyde Resin Through Joint Modeling of Mean and Dispersion. Quality Engineering, 2008, 20, 287-295.	0.7	13
45	Modelling random effect variance with double hierarchical generalized linear models. Statistical Modelling, 2012, 12, 487-502.	0.5	13
46	Investigation of Correlated Internet and Smartphone Addiction in Adolescents: Copula Regression Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 5806.	1.2	13
47	Interval estimation of random effects in proportional hazards models with frailties. Statistical Methods in Medical Research, 2016, 25, 936-953.	0.7	12
48	Frailty modeling for clustered competing risks data with missing cause of failure. Statistical Methods in Medical Research, 2017, 26, 356-373.	0.7	12
49	Robust functional regression model for marginal mean and subject-specific inferences. Statistical Methods in Medical Research, 2018, 27, 3236-3254.	0.7	12
50	H-Likelihood Approach to Factor Analysis for Ordinal Data. Structural Equation Modeling, 2018, 25, 530-540.	2.4	12
51	A review of hâ€likelihood and hierarchical generalized linear model. Wiley Interdisciplinary Reviews: Computational Statistics, 2021, 13, e1527.	2.1	12
52	A comparison of the hierarchical likelihood and Bayesian approaches to spatial epidemiological modelling. Environmetrics, 2007, 18, 809-821.	0.6	11
53	The use of random-effect models for high-dimensional variable selection problems. Computational Statistics and Data Analysis, 2016, 103, 401-412.	0.7	11
54	A review of h-likelihood for survival analysis. Japanese Journal of Statistics and Data Science, 2021, 4, 1157-1178.	0.7	11

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55	Spatial and Temporal Distribution of Plasmodium vivax Malaria in Korea Estimated with a Hierarchical Generalized Linear Model. Osong Public Health and Research Perspectives, 2012, 3, 192-198.	0.7	10
56	Modifications of REML algorithm for HGLMs. Statistics and Computing, 2012, 22, 959-966.	0.8	10
57	Frailty modelling approaches for semi-competing risks data. Lifetime Data Analysis, 2020, 26, 109-133.	0.4	10
58	Analysis of PM2.5, PM10, and Total Suspended Particle Exposure in the Tema Metropolitan Area of Ghana. Atmosphere, 2021, 12, 700.	1.0	10
59	Joint Modelling of Repeated Measures and Survival Time Data. Biometrical Journal, 2003, 45, 647-658.	0.6	9
60	Hierarchical-likelihood-based wavelet method for denoising signals with missing data. IEEE Signal Processing Letters, 2006, 13, 361-364.	2.1	9
61	Prediction interval for disease mapping using hierarchical likelihood. Computational Statistics, 2011, 26, 159-179.	0.8	9
62	Extended likelihood approach to multiple testing with directional error control under a hidden Markov random field model. Journal of Multivariate Analysis, 2016, 151, 1-13.	0.5	9
63	Spatial modeling of data with excessive zeros applied to reindeer pelletâ€group counts. Ecology and Evolution, 2016, 6, 7047-7056.	0.8	9
64	A Selection Operator for Summary Association Statistics Reveals Allelic Heterogeneity of Complex Traits. American Journal of Human Genetics, 2017, 101, 903-912.	2.6	9
65	A Methodological Perspective on the Longitudinal Cognitive Change after Stroke. Dementia and Geriatric Cognitive Disorders, 2017, 44, 311-319.	0.7	9
66	Hierarchical likelihood approach to non-Gaussian factor analysis. Journal of Statistical Computation and Simulation, 2019, 89, 1555-1573.	0.7	9
67	Hierarchical-likelihood approach for nonlinear mixed-effects models. Computational Statistics and Data Analysis, 2008, 52, 3517-3527.	0.7	8
68	The hierarchical-likelihood approach to autoregressive stochastic volatility models. Computational Statistics and Data Analysis, 2011, 55, 248-260.	0.7	8
69	Statistical inference using generalized linear mixed models under informative cluster sampling. Canadian Journal of Statistics, 2017, 45, 479-497.	0.6	8
70	JOINT MODELING OF MEAN AND DISPERSION. , 0, .		8
71	Hâ€likelihood Predictive Intervals for Unobservables. International Statistical Review, 2016, 84, 487-505.	1.1	7
72	Wallet Game: Probability, Likelihood, and Extended Likelihood. American Statistician, 2017, 71, 120-122.	0.9	7

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73	A post hoc analysis of intra-subject coefficients of variation in pharmacokinetic measures to calculate optimal sample sizes for bioequivalence studies. Translational and Clinical Pharmacology, 2018, 26, 6.	0.3	7
74	Latent Regression and Ordination Risk of Infectious Disease and Climate. Procedia Computer Science, 2021, 179, 25-32.	1.2	7
75	Can we recover information from concordant pairs in binary matched pairs?. Journal of Applied Statistics, 2001, 28, 239-246.	0.6	6
76	Hierarchical likelihood methods for nonlinear and generalized linear mixed models with missing data and measurement errors in covariates. Journal of Multivariate Analysis, 2012, 109, 42-51.	0.5	6
77	Diffusion pattern analysis for social networking sites using small-world network multiple influence model. Technological Forecasting and Social Change, 2015, 95, 73-86.	6.2	6
78	Going beyond oracle property: Selection consistency and uniqueness of local solution of the generalized linear model. Statistical Methodology, 2016, 32, 147-160.	0.5	6
79	Hâ€likelihood approach for joint modeling of longitudinal outcomes and timeâ€toâ€event data. Biometrical Journal, 2017, 59, 1122-1143.	0.6	6
80	Confidence as Likelihood. Statistical Science, 2021, 36, .	1.6	6
81	Cross-validated wavelet shrinkage. Computational Statistics, 2009, 24, 497-512.	0.8	5
82	Statistical multisite simulations of summertime precipitation over South Korea and its future change based on observational data. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 687-702.	1.3	5
83	Optimal likelihood-ratio multiple testing with application to Alzheimerâ€™s disease and questionable dementia. BMC Medical Research Methodology, 2015, 15, 9.	1.4	5
84	Comparison of the modified unbounded penalty and the LASSO to select predictive genes of response to chemotherapy in breast cancer. PLoS ONE, 2018, 13, e0204897.	1.1	5
85	Robust nonlinear structural equation modeling with interaction between exogenous and endogenous latent variables. Structural Equation Modeling, 2021, 28, 547-556.	2.4	5
86	Modelling and estimating heavy-tailed non-homogeneous correlated queues: Pareto-inverse gamma HGLM with covariates. Journal of Applied Statistics, 2006, 33, 417-425.	0.6	4
87	Fitting via alternative random-effect models. Statistics and Computing, 2006, 16, 69-75.	0.8	4
88	An investigation of online food aggregator (OFA) service: Do online and offline service quality distinct?. Serbian Journal of Management, 2020, 15, 277-294.	0.4	4
89	Linear and Generalized Linear Models and their Applications by J. JIANG. Biometrics, 2007, 63, 1297-1298.	0.8	3
90	HGLMs for quality improvement. Applied Stochastic Models in Business and Industry, 2011, 27, 315-328.	0.9	3

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91	Joint hierarchical generalized linear models with multivariate Gaussian random effects. Computational Statistics and Data Analysis, 2013, 68, 239-250.	0.7	3
92	Automatic detection of significant areas for functional data with directional error control. Statistics in Medicine, 2019, 38, 376-397.	0.8	3
93	Raynaudâ€™s phenomenon and antiâ€nuclear antibody are associated with pulmonary function decline in patients with dermatomyositis and polymyositis. International Journal of Rheumatic Diseases, 2019, 22, 507-515.	0.9	3
94	A Model for Determining Predictors of the MUAC in Acute Malnutrition in Ghana. International Journal of Environmental Research and Public Health, 2021, 18, 3792.	1.2	3
95	Resolving the ambiguity of randomâ€effects models with singular precision matrix. Statistica Neerlandica, 2021, 75, 482.	0.9	3
96	Penalized variable selection for causeâ€specific hazard frailty models with clustered competingâ€risks data. Statistics in Medicine, 2021, 40, 6541-6557.	0.8	3
97	Analyzing weather effects on airborne particulate matter with HGLM. Environmetrics, 2003, 14, 687-697.	0.6	2
98	HGLM modelling of dropout process using a frailty model. Computational Statistics, 2005, 20, 295-309.	0.8	2
99	Robust estimation of dropout models using hierarchical likelihood. Journal of Statistical Computation and Simulation, 2011, 81, 693-706.	0.7	2
100	Random-effect models with singular precision. Journal of Statistical Planning and Inference, 2013, 143, 2128-2141.	0.4	2
101	Robust first-order rotatable lifetime improvement experimental designs. Journal of Applied Statistics, 2015, 42, 1911-1930.	0.6	2
102	Sparse estimation of geneâ€“gene interactions in prediction models. Statistical Methods in Medical Research, 2017, 26, 2319-2332.	0.7	2
103	Extended negative binomial hurdle models. Statistical Methods in Medical Research, 2019, 28, 1540-1551.	0.7	2
104	Logical and test consistency in pairwise multiple comparisons. Journal of Statistical Planning and Inference, 2020, 206, 145-162.	0.4	2
105	A review on recent advances and applications of h-likelihood method. Journal of the Korean Statistical Society, 2021, 50, 681-702.	0.3	2
106	Robust inference using hierarchical likelihood approach for heavy-tailed longitudinal outcomes with missing data: An alternative to inverse probability weighted generalized estimating equations. Computational Statistics and Data Analysis, 2013, 59, 171-179.	0.7	1
107	Self-correcting ensemble using a latent consensus model. Applied Soft Computing Journal, 2016, 47, 262-270.	4.1	1
108	A post hoc analysis of intra-subject coefficients of variation in pharmacokinetic measures to calculate optimal sample sizes for bioequivalence studies. Translational and Clinical Pharmacology, 2017, 25, 179.	0.3	1

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109	Hypothesis testing via a penalized-likelihood approach. Journal of the Korean Statistical Society, 2019, 48, 265-277.	0.3	1
110	Marginal versus conditional beta-binomial regression models. Statistical Methods in Medical Research, 2019, 28, 761-769.	0.7	1
111	Clustering with varying risks of false assignments in discrete latent variable model. Statistical Methods in Medical Research, 2020, 29, 2932-2944.	0.7	1
112	The Role of Commitment in the Relationship between Components of Organizational Culture and Intention to Stay. Sustainability, 2021, 13, 5151.	1.6	1
113	Semiparametric estimation for nonparametric frailty models using nonparametric maximum likelihood approach. Statistical Methods in Medical Research, 2021, 30, 096228022110370.	0.7	1
114	Likelihood estimate of treatment effects under selection bias. Statistics and Its Interface, 2013, 6, 349-359.	0.2	1
115	Albatross analytics a hands-on into practice: statistical and data science application. Journal of Big Data, 2022, 9, .	6.9	1
116	Characterizing Sums of Squares by Their Distributions. American Statistician, 1997, 51, 55-58.	0.9	0
117	A fast wavelet approach for recovering damaged images. Journal of Applied Statistics, 2008, 35, 927-938.	0.6	0
118	Cluster-specific nonignorably missing, endogenous, and continuous regressors in multilevel model for binary outcome. Statistical Methods in Medical Research, 2020, 29, 1818-1830.	0.7	0
119	In defense of LASSO. Communications in Statistics - Theory and Methods, 2020, , 1-25.	0.6	0
120	Chiral symmetry and taste symmetry from the eigenvalue spectrum of staggered Dirac operators. Physical Review D, 2021, 104, .	1.6	0
121	LIKELIHOOD-BASED MODELS BEYOND GLMS. , 2004, , 195-214.		0
122	Rejoinder: Likelihood Inference for Models with Unobservables Another View. Statistical Science, 2009, 24, .	1.6	0
123	Understanding NO2 Concentration Dynamics within Tema Metropolitan Area of Ghana Using Generalized Linear Model. Atmosphere, 2022, 13, 91.	1.0	0
124	Robust second-order rotatable designs invariably applicable for some lifetime distributions. Communications for Statistical Applications and Methods, 2021, 28, 595-610.	0.1	0