Jeong-Soo Park

List of Publications by Citations

48 papers	432 citations	11 h-index	19 g-index
52 ext. papers	526 ext. citations	2.4 avg, IF	3.62 L-index

#	Paper	IF	Citations
48	Changes in the extreme daily rainfall in South Korea. *International Journal of Climatology*, **2011**, 31, 2290-2299	3.5	60
47	Modelling summer extreme rainfall over the Korean peninsula using Wakeby distribution. *International Journal of Climatology*, **2001**, 21, 1371-1384	3.5	48
46	Modelling Korean extreme rainfall using a Kappa distribution and maximum likelihood estimate. *Theoretical and Applied Climatology*, **2002**, 72, 55-64	3	47
45	A statistical method for tuning a computer code to a data base. *Computational Statistics and Data Analysis*, **2001**, 37, 77-92	1.6	26
44	Assessing changes in observed and future projected precipitation extremes in South Korea. *International Journal of Climatology*, **2015**, 35, 1069-1078	3.5	21
43	A kappa distribution with a hydrological application. *Stochastic Environmental Research and Risk Assessment*, **2009**, 23, 579-586	3.5	20
42	Efficient computation of maximum likelihood estimators in a spatial linear model with power exponential covariogram. *Computers and Geosciences*, **2001**, 27, 1-7	4.5	19
41	Statistical downscaling for daily precipitation in Korea using combined PRISM, RCM, and quantile mapping: Part 1, methodology and evaluation in historical simulation. *Asia-Pacific Journal of Atmospheric Sciences*, **2016**, 52, 79-89	2.1	14
40	A simulation-based hyperparameter selection for quantile estimation of the generalized extreme value distribution. *Mathematics and Computers in Simulation*, **2005**, 70, 227-234	3.3	14
39	A three-parameter kappa distribution with hydrologic application: a generalized gumbel distribution. *Stochastic Environmental Research and Risk Assessment*, **2014**, 28, 2063-2074	3.5	13
38	Spatial modeling of the highest daily maximum temperature in Korea via max-stable processes. *Advances in Atmospheric Sciences*, **2013**, 30, 1608-1620	2.9	12
37	LH-moment estimation of a four parameter kappa distribution with hydrologic applications. *Stochastic Environmental Research and Risk Assessment*, **2014**, 28, 253-262	3.5	11
36	Practically Applicable Central Limit Theorem for Spatial Statistics. *Mathematical Geosciences*, **2009**, 41, 555-569	2.5	11
35	Discrepancy in regression estimates between log-normal and gamma: some case studies. *Journal of Applied Statistics*, **2012**, 39, 97-111	1	10
34	Beta-□distribution and its application to hydrologic events. *Stochastic Environmental Research and Risk Assessment*, **2011**, 25, 897-911	3.5	9
33	Fisher information matrix for a four-parameter kappa distribution. *Statistics and Probability Letters*, **2007**, 77, 1459-1466	0.6	8
32	Estimation of input parameters in complex simulation using a Gaussian process metamodel. *Probabilistic Engineering Mechanics*, **2002**, 17, 219-225	2.6	8

31	Sequential Monte Carlo filters for abruptly changing state estimation. *Probabilistic Engineering Mechanics*, **2011**, 26, 194-201	2.6	7
30	Performance Evaluation of CMIP5 and CMIP6 Models on Heatwaves in Korea and Associated Teleconnection Patterns. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2020JD032583	4.4	7
29	Integration of max-stable processes and Bayesian model averaging to predict extreme climatic events in multi-model ensembles. *Stochastic Environmental Research and Risk Assessment*, **2019**, 33, 47-57	3.5	7
28	LH-moment estimation of Wakeby distribution with hydrological applications. *Stochastic Environmental Research and Risk Assessment*, **2016**, 30, 1757-1767	3.5	6
27	Future projections and uncertainty assessment of precipitation extremes in the Korean peninsula from the CMIP5 ensemble. *Atmospheric Science Letters*, **2020**, 21, e954	2.4	5
26	Changes in temperature and rainfall extremes across East Asia in the CMIP5 ensemble. *Theoretical and Applied Climatology*, **2020**, 141, 143-155	3	5
25	Maximum likelihood estimation of the four-parameter Kappa distribution using the penalty method. *Computers and Geosciences*, **2002**, 28, 65-68	4.5	5
24	A Weighting Scheme in A Multi-Model Ensemble for Bias-Corrected Climate Simulation. *Atmosphere* , **2020**, 11, 775	2.7	5
23	Maximum likelihood parameter estimation for a high-dimensional system by particle-based filters. *Probabilistic Engineering Mechanics*, **2015**, 39, 1-9	2.6	4
22	Robust D-optimal designs under correlated error, applicable invariantly for some lifetime distributions. *Reliability Engineering and System Safety*, **2015**, 136, 92-100	6.3	4
21	Penalized likelihood approach for the four-parameter kappa distribution. *Journal of Applied Statistics*,1-15	1	3
20	Comparison of statistical linear interpolation models for monthly precipitation in South Korea. *Stochastic Environmental Research and Risk Assessment*, **2015**, 29, 1371-1382	3.5	2
19	Spatial modeling of extreme rainfall in northeast Thailand. *Journal of Applied Statistics*, **2015**, 42, 1813-1828	1	2
18	Inverse solution for parameter estimation of computer simulation by an empirical Bayesian code tuning method. *Inverse Problems in Science and Engineering*, **2013**, 21, 524-536	1.3	2
17	Identification of target clusters by using the restricted normal mixture model. *Journal of Applied Statistics*, **2013**, 40, 941-960	1	2
16	On nonparametric variogram estimation. *Journal of the Korean Statistical Society*, **2012**, 41, 399-413	0.5	2
15	Use of beta-P distribution for modeling hydrologic events. *Communications for Statistical Applications and Methods*, **2018**, 25, 15-27	0.4	2
14	Model selection algorithm in Gaussian process regression for computer experiments. *Communications for Statistical Applications and Methods*, **2017**, 24, 383-396	0.4	2

13	Future Projections and Uncertainty Assessment of Precipitation Extremes in the Korean Peninsula from the CMIP6 Ensemble with a Statistical Framework. *Atmosphere*, **2021**, 12, 97	2.7	2
12	Future Projections and Uncertainty Assessment of Precipitation Extremes in Iran from the CMIP6 Ensemble. *Atmosphere*, **2021**, 12, 1052	2.7	2
11	Statistical estimations for Plasmodium vivax malaria in South Korea. *Asian Pacific Journal of Tropical Medicine*, **2015**, 8, 169-75	2.1	1
10	Bayesian Inference in Extremes Using the Four-Parameter Kappa Distribution. *Mathematics*, **2020**, 8, 2180	2.3	1
9	An asymptotic theory for the nugget estimator in spatial models. *Journal of Nonparametric Statistics*, **2010**, 22, 181-195	0.7	1
8	Monte Carlo EM algorithm in logistic linear models involving non-ignorable missing data. *Applied Mathematics and Computation*, **2008**, 197, 440-450	2.7	1
7	A data-adaptive maximum penalized likelihood estimation for the generalized extreme value distribution. *Communications for Statistical Applications and Methods*, **2017**, 24, 493-505	0.4	1
6	Iterative method for tuning complex simulation code. *Communications in Statistics Part B: Simulation and Computation*, **2020**, 1-18	0.6	0
5	A Reinforced Randomized Block Design with Correlated Errors. *Communications in Statistics - Theory and Methods*, **2014**, 43, 191-209	0.5	0
4	A Performance Evaluation of Potential Intensity over the Tropical Cyclone Passage to South Korea Simulated by CMIP5 and CMIP6 Models. *Atmosphere*, **2021**, 12, 1214	2.7	0
3	Spatial Modeling of Extreme Temperature in Northeast Thailand. *Atmosphere*, **2022**, 13, 589	2.7	0
2	Wakeby Distribution and the Maximum Likelihood Estimation Algorithm in Which Probability Density Function Is Not Explicitly Expressed. *Communications for Statistical Applications and Methods*, **2005**, 12, 443-451	0.4	
1	Non-Stationary Effects of the Arctic Oscillation and El Niño Southern Oscillation on January Temperatures in Korea. *Atmosphere*, **2021**, 12, 538	2.7	