

# Jeong-Soo Park

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Spatial Modeling of Extreme Temperature in Northeast Thailand. <i>Atmosphere</i> , <b>2022</b> , 13, 589	2.7	0
47	Non-Stationary Effects of the Arctic Oscillation and El Niño Southern Oscillation on January Temperatures in Korea. <i>Atmosphere</i> , <b>2021</b> , 12, 538	2.7	0
46	Future Projections and Uncertainty Assessment of Precipitation Extremes in the Korean Peninsula from the CMIP6 Ensemble with a Statistical Framework. <i>Atmosphere</i> , <b>2021</b> , 12, 97	2.7	2
45	Future Projections and Uncertainty Assessment of Precipitation Extremes in Iran from the CMIP6 Ensemble. <i>Atmosphere</i> , <b>2021</b> , 12, 1052	2.7	2
44	A Performance Evaluation of Potential Intensity over the Tropical Cyclone Passage to South Korea Simulated by CMIP5 and CMIP6 Models. <i>Atmosphere</i> , <b>2021</b> , 12, 1214	2.7	0
43	Bayesian Inference in Extremes Using the Four-Parameter Kappa Distribution. <i>Mathematics</i> , <b>2020</b> , 8, 2180	2.3	1
42	Iterative method for tuning complex simulation code. <i>Communications in Statistics Part B: Simulation and Computation</i> , <b>2020</b> , 1-18	0.6	0
41	Future projections and uncertainty assessment of precipitation extremes in the Korean peninsula from the CMIP5 ensemble. <i>Atmospheric Science Letters</i> , <b>2020</b> , 21, e954	2.4	5
40	Changes in temperature and rainfall extremes across East Asia in the CMIP5 ensemble. <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 141, 143-155	3	5
39	Performance Evaluation of CMIP5 and CMIP6 Models on Heatwaves in Korea and Associated Teleconnection Patterns. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2020JD032583	4.4	7
38	A Weighting Scheme in A Multi-Model Ensemble for Bias-Corrected Climate Simulation. <i>Atmosphere</i> , <b>2020</b> , 11, 775	2.7	5
37	Integration of max-stable processes and Bayesian model averaging to predict extreme climatic events in multi-model ensembles. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2019</b> , 33, 47-57	3.5	7
36	Use of beta-P distribution for modeling hydrologic events. <i>Communications for Statistical Applications and Methods</i> , <b>2018</b> , 25, 15-27	0.4	2
35	Model selection algorithm in Gaussian process regression for computer experiments. <i>Communications for Statistical Applications and Methods</i> , <b>2017</b> , 24, 383-396	0.4	2
34	A data-adaptive maximum penalized likelihood estimation for the generalized extreme value distribution. <i>Communications for Statistical Applications and Methods</i> , <b>2017</b> , 24, 493-505	0.4	1
33	LH-moment estimation of Wakeby distribution with hydrological applications. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2016</b> , 30, 1757-1767	3.5	6
32	Statistical downscaling for daily precipitation in Korea using combined PRISM, RCM, and quantile mapping: Part 1, methodology and evaluation in historical simulation. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , <b>2016</b> , 52, 79-89	2.1	14

31	Comparison of statistical linear interpolation models for monthly precipitation in South Korea. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 1371-1382	3.5	2
30	Spatial modeling of extreme rainfall in northeast Thailand. <i>Journal of Applied Statistics</i> , <b>2015</b> , 42, 1813-1828		2
29	Statistical estimations for Plasmodium vivax malaria in South Korea. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2015</b> , 8, 169-75	2.1	1
28	Maximum likelihood parameter estimation for a high-dimensional system by particle-based filters. <i>Probabilistic Engineering Mechanics</i> , <b>2015</b> , 39, 1-9	2.6	4
27	Assessing changes in observed and future projected precipitation extremes in South Korea. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 1069-1078	3.5	21
26	Robust D-optimal designs under correlated error, applicable invariantly for some lifetime distributions. <i>Reliability Engineering and System Safety</i> , <b>2015</b> , 136, 92-100	6.3	4
25	A three-parameter kappa distribution with hydrologic application: a generalized gumbel distribution. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 2063-2074	3.5	13
24	A Reinforced Randomized Block Design with Correlated Errors. <i>Communications in Statistics - Theory and Methods</i> , <b>2014</b> , 43, 191-209	0.5	0
23	LH-moment estimation of a four parameter kappa distribution with hydrologic applications. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2014</b> , 28, 253-262	3.5	11
22	Inverse solution for parameter estimation of computer simulation by an empirical Bayesian code tuning method. <i>Inverse Problems in Science and Engineering</i> , <b>2013</b> , 21, 524-536	1.3	2
21	Spatial modeling of the highest daily maximum temperature in Korea via max-stable processes. <i>Advances in Atmospheric Sciences</i> , <b>2013</b> , 30, 1608-1620	2.9	12
20	Identification of target clusters by using the restricted normal mixture model. <i>Journal of Applied Statistics</i> , <b>2013</b> , 40, 941-960	1	2
19	Discrepancy in regression estimates between log-normal and gamma: some case studies. <i>Journal of Applied Statistics</i> , <b>2012</b> , 39, 97-111	1	10
18	On nonparametric variogram estimation. <i>Journal of the Korean Statistical Society</i> , <b>2012</b> , 41, 399-413	0.5	2
17	Beta-Distribution and its application to hydrologic events. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2011</b> , 25, 897-911	3.5	9
16	Sequential Monte Carlo filters for abruptly changing state estimation. <i>Probabilistic Engineering Mechanics</i> , <b>2011</b> , 26, 194-201	2.6	7
15	Changes in the extreme daily rainfall in South Korea. <i>International Journal of Climatology</i> , <b>2011</b> , 31, 2290-2299	3.5	60
14	An asymptotic theory for the nugget estimator in spatial models. <i>Journal of Nonparametric Statistics</i> , <b>2010</b> , 22, 181-195	0.7	1

13	A kappa distribution with a hydrological application. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2009</b> , 23, 579-586	3.5	20
12	Practically Applicable Central Limit Theorem for Spatial Statistics. <i>Mathematical Geosciences</i> , <b>2009</b> , 41, 555-569	2.5	11
11	Monte Carlo EM algorithm in logistic linear models involving non-ignorable missing data. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 197, 440-450	2.7	1
10	Fisher information matrix for a four-parameter kappa distribution. <i>Statistics and Probability Letters</i> , <b>2007</b> , 77, 1459-1466	0.6	8
9	A simulation-based hyperparameter selection for quantile estimation of the generalized extreme value distribution. <i>Mathematics and Computers in Simulation</i> , <b>2005</b> , 70, 227-234	3.3	14
8	Wakeby Distribution and the Maximum Likelihood Estimation Algorithm in Which Probability Density Function Is Not Explicitly Expressed. <i>Communications for Statistical Applications and Methods</i> , <b>2005</b> , 12, 443-451	0.4	
7	Maximum likelihood estimation of the four-parameter Kappa distribution using the penalty method. <i>Computers and Geosciences</i> , <b>2002</b> , 28, 65-68	4.5	5
6	Modelling Korean extreme rainfall using a Kappa distribution and maximum likelihood estimate. <i>Theoretical and Applied Climatology</i> , <b>2002</b> , 72, 55-64	3	47
5	Estimation of input parameters in complex simulation using a Gaussian process metamodel. <i>Probabilistic Engineering Mechanics</i> , <b>2002</b> , 17, 219-225	2.6	8
4	A statistical method for tuning a computer code to a data base. <i>Computational Statistics and Data Analysis</i> , <b>2001</b> , 37, 77-92	1.6	26
3	Modelling summer extreme rainfall over the Korean peninsula using Wakeby distribution. <i>International Journal of Climatology</i> , <b>2001</b> , 21, 1371-1384	3.5	48
2	Efficient computation of maximum likelihood estimators in a spatial linear model with power exponential covariogram. <i>Computers and Geosciences</i> , <b>2001</b> , 27, 1-7	4.5	19
1	Penalized likelihood approach for the four-parameter kappa distribution. <i>Journal of Applied Statistics</i> , 1-15	1	3