Joon Jin Song

List of Publications by Year
in descending order

29 papers	474 citations	933447 10 h-index	677142 22 g-index
30 all docs	30 docs citations	30 times ranked	604 citing authors

#	Article	IF	Citations
1	A Bayesian Hierarchical Spatial Model to Correct for Misreporting in Count Data: Application to State-Level COVID-19 Data in the United States. International Journal of Environmental Research and Public Health, 2022, 19, 3327.	2.6	4
2	Spatial Interpolation of Gauge Measured Rainfall Using Compressed Sensing. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 331-345.	2.3	17
3	Quantitative Precipitation Estimates Using Machine Learning Approaches with Operational Dual-Polarization Radar Data. Remote Sensing, 2021, 13, 694.	4.0	18
4	Estimation of Precipitation Area Using S-Band Dual-Polarization Radar Measurements. Remote Sensing, 2021, 13, 2039.	4.0	4
5	Bayesian sensitivity analysis to unmeasured confounding for misclassified data. AStA Advances in Statistical Analysis, 2020, 104, 577-596.	0.9	0
6	Fine-Scale Spatiotemporal Air Pollution Analysis Using Mobile Monitors on Google Street View Vehicles. Journal of the American Statistical Association, 2020, 115, 1111-1124.	3.1	11
7	Bayesian propensity score analysis for clustered observational data. Statistical Methods and Applications, 2020, 29, 335-355.	1.2	1
8	Estimation and Prediction of Record Values Using Pivotal Quantities and Copulas. Mathematics, 2020, 8, 1678.	2.2	0
9	Bayesian spatial quantile regression for areal count data, with application on substitute care placements in Texas. Journal of Applied Statistics, 2019, 46, 580-597.	1.3	3
10	Hierarchical Bayesian models for predicting spatially correlated curves. Statistics, 2019, 53, 196-209.	0.6	2
11	A Bayesian nonparametric model for upper record data. Applied Mathematical Modelling, 2019, 71, 363-374.	4.2	0
12	A Bayesian two-part quantile regression model for count data with excess zeros. Statistical Modelling, 2019, 19, 653-673.	1.1	4
13	Student academic performance system: quantitative approaches to evaluating and monitoring student progress. International Journal of Quantitative Research in Education, 2019, 4, 332.	0.1	0
14	A flexible and efficient spatial interpolator for radar rainfall estimation. Journal of Applied Statistics, 2018, 45, 829-844.	1.3	3
15	Bayesian misclassification and propensity score methods for clustered observational studies. Journal of Applied Statistics, 2018, 45, 1547-1560.	1.3	1
16	Exercise-induced changes in stress hormones and cell adhesion molecules in obese men. Journal of Inflammation Research, 2018, Volume 11, 69-75.	3.5	1
17	A Bayesian approach to misclassified binary response: female employment and intimate partner violence in urban India. Applied Economics Letters, 2017, 24, 1439-1442.	1.8	5
18	Temporal trends in lipid screening and therapy among youth from 2002 to 2012. Journal of Clinical Lipidology, 2015, 9, S77-S87.	1.5	23

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19	Incorporation of parameter uncertainty into spatial interpolation using Bayesian trans-Gaussian kriging. Advances in Atmospheric Sciences, 2015, 32, 413-423.	4.3	14
20	Enhanced classification for high-throughput data with an optimal projection and hybrid classifier. International Journal of Data Mining and Bioinformatics, 2014, 9, 106.	0.1	2
21	Bayesian model selection in spatial lattice models. Statistical Methodology, 2012, 9, 228-238.	0.5	8
22	Population and income sensitivity of private and public weather forecasting. Regional Science and Urban Economics, 2011, 41, 124-133.	2.6	6
23	Analysis of zero-inflated clustered count data: A marginalized model approach. Computational Statistics and Data Analysis, 2011, 55, 824-837.	1.2	30
24	THE DNA-BINDING PROTEIN DPS FUNCTIONS AS A GLOBAL REGULATOR IN STARVED SALMONELLA ENTERICA SEROVAR ENTERITIDIS DURING STARVATION. Indian Journal of Medical Research, 2011, 3, 136-147.	0.0	5
25	Classification for high-throughput data with an optimal subset of principal components. Computational Biology and Chemistry, 2009, 33, 408-413.	2.3	12
26	A novel wavelet-based thresholding method for the pre-processing of mass spectrometry data that accounts for heterogeneous noise. Proteomics, 2008, 8, 3019-3029.	2.2	47
27	Optimal classification for time-course gene expression data using functional data analysis. Computational Biology and Chemistry, 2008, 32, 426-432.	2.3	28
28	Clustering of time-course gene expression data using functional data analysis. Computational Biology and Chemistry, 2007, 31, 265-274.	2.3	39
29	Bayesian ranking of sites for engineering safety improvements: Decision parameter, treatability concept, statistical criterion, and spatial dependence. Accident Analysis and Prevention, 2005, 37, 699-720.	5.7	186