

# Joon Jin Song

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Bayesian ranking of sites for engineering safety improvements: Decision parameter, treatability concept, statistical criterion, and spatial dependence. <i>Accident Analysis and Prevention</i> , 2005, 37, 699-720.	5.7	186
2	A novel wavelet-based thresholding method for the pre-processing of mass spectrometry data that accounts for heterogeneous noise. <i>Proteomics</i> , 2008, 8, 3019-3029.	2.2	47
3	Clustering of time-course gene expression data using functional data analysis. <i>Computational Biology and Chemistry</i> , 2007, 31, 265-274.	2.3	39
4	Analysis of zero-inflated clustered count data: A marginalized model approach. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 824-837.	1.2	30
5	Optimal classification for time-course gene expression data using functional data analysis. <i>Computational Biology and Chemistry</i> , 2008, 32, 426-432.	2.3	28
6	Temporal trends in lipid screening and therapy among youth from 2002 to 2012. <i>Journal of Clinical Lipidology</i> , 2015, 9, S77-S87.	1.5	23
7	Quantitative Precipitation Estimates Using Machine Learning Approaches with Operational Dual-Polarization Radar Data. <i>Remote Sensing</i> , 2021, 13, 694.	4.0	18
8	Spatial Interpolation of Gauge Measured Rainfall Using Compressed Sensing. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021, 57, 331-345.	2.3	17
9	Incorporation of parameter uncertainty into spatial interpolation using Bayesian trans-Gaussian kriging. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 413-423.	4.3	14
10	Classification for high-throughput data with an optimal subset of principal components. <i>Computational Biology and Chemistry</i> , 2009, 33, 408-413.	2.3	12
11	Fine-Scale Spatiotemporal Air Pollution Analysis Using Mobile Monitors on Google Street View Vehicles. <i>Journal of the American Statistical Association</i> , 2020, 115, 1111-1124.	3.1	11
12	Bayesian model selection in spatial lattice models. <i>Statistical Methodology</i> , 2012, 9, 228-238.	0.5	8
13	Population and income sensitivity of private and public weather forecasting. <i>Regional Science and Urban Economics</i> , 2011, 41, 124-133.	2.6	6
14	A Bayesian approach to misclassified binary response: female employment and intimate partner violence in urban India. <i>Applied Economics Letters</i> , 2017, 24, 1439-1442.	1.8	5
15	THE DNA-BINDING PROTEIN DPS FUNCTIONS AS A GLOBAL REGULATOR IN STARVED SALMONELLA ENTERICA SEROVAR ENTERITIDIS DURING STARVATION. <i>Indian Journal of Medical Research</i> , 2011, 3, 136-147.	0.0	5
16	A Bayesian two-part quantile regression model for count data with excess zeros. <i>Statistical Modelling</i> , 2019, 19, 653-673.	1.1	4
17	Estimation of Precipitation Area Using S-Band Dual-Polarization Radar Measurements. <i>Remote Sensing</i> , 2021, 13, 2039.	4.0	4
18	A Bayesian Hierarchical Spatial Model to Correct for Misreporting in Count Data: Application to State-Level COVID-19 Data in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3327.	2.6	4

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19	A flexible and efficient spatial interpolator for radar rainfall estimation. Journal of Applied Statistics, 2018, 45, 829-844.	1.3	3
20	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
21	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
22	Hierarchical Bayesian models for predicting spatially correlated curves. Statistics, 2019, 53, 196-209.	0.6	2
23	Bayesian misclassification and propensity score methods for clustered observational studies. Journal of Applied Statistics, 2018, 45, 1547-1560.	1.3	1
24	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
25	Bayesian propensity score analysis for clustered observational data. Statistical Methods and Applications, 2020, 29, 335-355.	1.2	1
26	A Bayesian nonparametric model for upper record data. Applied Mathematical Modelling, 2019, 71, 363-374.	4.2	0
27	Bayesian sensitivity analysis to unmeasured confounding for misclassified data. AStA Advances in Statistical Analysis, 2020, 104, 577-596.	0.9	0
28	Estimation and Prediction of Record Values Using Pivotal Quantities and Copulas. Mathematics, 2020, 8, 1678.	2.2	0
29	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