

Jery Russell Stedinger

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,740
citations

331670

21
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

2226
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Flood Concepts, Challenges, and Future Directions. Journal of Hydrologic Engineering - ASCE, 2022, 27, .	1.9	36
2	A comparison between generalized least squares regression and top-kriging for homogeneous cross-correlated flood regions. Hydrological Sciences Journal, 2021, 66, 565-579.	2.6	5
3	Multi-criteria spatial screening and uncertainty analysis applied to direct-use geothermal projects. International Journal of Geographical Information Science, 2020, 34, 2053-2076.	4.8	1
4	Operational Bayesian GLS Regression for Regional Hydrologic Analyses. Water Resources Research, 2020, 56, e2019WR026940.	4.2	8
5	Analytical Estimation of Geomorphic Discharge Indices for Small Intermittent Streams. Journal of Hydrologic Engineering - ASCE, 2016, 21, .	1.9	8
6	Artificial Neural Network Models of Watershed Nutrient Loading. Water Resources Management, 2012, 26, 2781-2797.	3.9	29
7	Regional flood frequency analysis using Bayesian generalized least squares: a comparison between quantile and parameter regression techniques. Hydrological Processes, 2012, 26, 1008-1021.	2.6	75
8	Bayesian WLS/GLS Regression for Regional Skewness Analysis for Regions with Large Cross-Correlations among Flood Flows. , 2011, , .		10
9	Getting From Here to Where? Flood Frequency Analysis and Climate1. Journal of the American Water Resources Association, 2011, 47, 506-513.	2.4	82
10	Numerical approach to Cryptosporidium risk assessment using reliability method. Stochastic Environmental Research and Risk Assessment, 2008, 22, 169-183.	4.0	14
11	USACE Experience in Implementing Risk Analysis for Flood Damage Reduction Projects. Journal of Contemporary Water Research and Education, 2008, 140, 3-14.	0.7	21
12	Appraisal of the generalized likelihood uncertainty estimation (GLUE) method. Water Resources Research, 2008, 44, .	4.2	262
13	Private and Public Responses to Flood Risks. International Journal of Water Resources Development, 2008, 24, 541-553.	2.0	28
14	Models of LP3 Regional Skew, Data Selection, and Bayesian GLS Regression. , 2008, , .		21
15	A Simple Predictive Tool for Lower Brahmaputra River Basin Monsoon Flooding. Earth Interactions, 2007, 11, 1-11.	1.5	20
16	Models of Regional Skew Based on Bayesian GLS Regression. , 2007, , .		11
17	Regionalization of Streamflow Characteristics for the Gulf-Atlantic Rolling Plains Using Leverage-Guided Region-of-Influence Regression. , 2007, , .		5
18	Simulating Tritium Fluxes in the Vadose Zone under Transient Saturated Conditions. Vadose Zone Journal, 2007, 6, 387-396.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Negative Binomial Regression of Electric Power Outages in Hurricanes. Journal of Infrastructure Systems, 2005, 11, 258-267.	1.8	244
20	Variability of surface soil moisture at the watershed scale. Water Resources Research, 2004, 40, .	4.2	29
21	Modeling the U.S. national distribution of waterborne pathogen concentrations with application to <i>Cryptosporidium parvum</i> . Water Resources Research, 2003, 39, .	4.2	22
22	Discharge indices for water quality loads. Water Resources Research, 2003, 39, .	4.2	90
23	Cross correlations among estimators of shape. Water Resources Research, 2002, 38, 34-1-34-7.	4.2	30
24	Value of Historical Flood Information in Partial Duration Series and Annual Maximum Series Frameworks. , 2000, , 1.		0
25	Flood Frequency Analysis and Statistical Estimation of Flood Risk. , 2000, , 334-358.		16
26	Generalized maximum-likelihood generalized extreme-value quantile estimators for hydrologic data. Water Resources Research, 2000, 36, 737-744.	4.2	503
27	Computer-Assisted Negotiations of Water Resources Conflicts. Group Decision and Negotiation, 1998, 7, 109-129.	3.3	58
28	Regional hydrologic analysis: Ordinary and generalized least squares revisited. Water Resources Research, 1998, 34, 121-128.	4.2	43
29	A generalized maintenance of variance extension procedure for extending correlated series. Water Resources Research, 1989, 25, 345-349.	4.2	27
30	An operational GLS model for hydrologic regression. Journal of Hydrology, 1989, 111, 361-375.	5.4	185
31	Regional Hydrologic Analysis, 2, Modelâ€™Error Estimators, Estimation of Sigma and Logâ€™Pearson Type 3 Distributions. Water Resources Research, 1986, 22, 1487-1499.	4.2	94
32	Regional Skew with Weighted LS Regression. Journal of Water Resources Planning and Management - ASCE, 1986, 112, 225-237.	2.6	70
33	Minimum variance streamflow record augmentation procedures. Water Resources Research, 1985, 21, 715-723.	4.2	97
34	Regional Hydrologic Analysis: 1. Ordinary, Weighted, and Generalized Least Squares Compared. Water Resources Research, 1985, 21, 1421-1432.	4.2	305
35	Research in Water Resources and Environmental Systems Modeling Some Historical Perspectives, Current Issues, and Future Directions. Natural Resources Forum, 1984, 8, 219-240.	3.6	7
36	Estimating a regional flood frequency distribution. Water Resources Research, 1983, 19, 503-510.	4.2	131

#	ARTICLE	IF	CITATIONS
37	Analysis of the Regional Dynamics of Unsprayed Spruce Budworm (Lepidoptera: Tortricidae) Populations. <i>Environmental Entomology</i> , 1983, 12, 707-713.	1.4	4