

Alireza Nematollahi

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

400
citations

933447

10
h-index

794594

19
g-index

44
all docs

44
docs citations

44
times ranked

307
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the distribution of the sum of independent uniform random variables. <i>Statistical Papers</i> , 2009, 50, 171-175. | 1.2 | 51 |
| 2 | Application of spectral analysis of daily water level and spring discharge hydrographs data for comparing physical characteristics of karstic aquifers. <i>Journal of Hydrology</i> , 2005, 311, 106-116. | 5.4 | 40 |
| 3 | Periodically correlated modeling by means of the periodograms asymptotic distributions. <i>Statistical Papers</i> , 2017, 58, 1267-1278. | 1.2 | 39 |
| 4 | On the Mean Past and the Mean Residual Life Under Double Monitoring. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 1119-1133. | 1.0 | 35 |
| 5 | Assessment of a generalized discrete time mixed $\hat{\lambda}$ -shock model for the multi-state systems. <i>Journal of Computational and Applied Mathematics</i> , 2020, 366, 112415. | 2.0 | 25 |
| 6 | Autoregressive Models with Mixture of Scale Mixtures of Gaussian Innovations. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2017, 41, 1099-1107. | 1.5 | 23 |
| 7 | Life distribution properties of a new $\hat{\lambda}$ -shock model. <i>Communications in Statistics - Theory and Methods</i> , 2020, 49, 3010-3025. | 1.0 | 22 |
| 8 | An Epidemiological Survey of the Suicide Incidence Trends in the Southwest Iran: 2004-2009. <i>International Journal of Health Policy and Management</i> , 2013, 1, 219-222. | 0.9 | 20 |
| 9 | Bayesian approach to epsilon-skew-normal family. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 7546-7561. | 1.0 | 18 |
| 10 | AR(1) model with skew-normal innovations. <i>Metrika</i> , 2016, 79, 1011-1029. | 0.8 | 15 |
| 11 | Some aspects of the mean past lifetime of a parallel system under double regularly checking. <i>Statistics</i> , 2010, 44, 505-515. | 0.6 | 10 |
| 12 | On the Life Distribution Behavior of the Generalized Mixed δ -Shock Models for the Multi-state Systems. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 839-850. | 1.5 | 10 |
| 13 | Likelihood-Based Inference in Autoregressive Models with Scaledt-Distributed Innovations by Means of EM-Based Algorithms. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2013, 42, 2239-2252. | 1.2 | 9 |
| 14 | On the asymptotic distribution of the periodograms for the discrete time harmonizable simple processes. <i>Statistical Inference for Stochastic Processes</i> , 2019, 22, 307-322. | 0.6 | 9 |
| 15 | New autoregressive (AR) order selection criteria based on the prediction error estimation. <i>Signal Processing</i> , 2011, 91, 2359-2370. | 3.7 | 8 |
| 16 | Generalized mixed $\hat{\lambda}$ -shock models with random interarrival times and magnitude of shocks. <i>Journal of Computational and Applied Mathematics</i> , 2022, 403, 113832. | 2.0 | 8 |
| 17 | On the estimation of missing values in AR(1) model with exponential innovations. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 3393-3400. | 1.0 | 7 |
| 18 | On the estimation problem of periodic autoregressive time series: symmetric and asymmetric innovations. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 71-97. | 1.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Comparison of spatial interpolation methods in the first order stationary multiplicative spatial autoregressive models. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 9230-9246. | 1.0 | 6 |
| 20 | Change Point Detection in a General Class of Distributions. <i>Communications in Statistics - Theory and Methods</i> , 2005, 34, 1935-1938. | 1.0 | 5 |
| 21 | The modified exponential-geometric distribution. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 173-181. | 1.0 | 5 |
| 22 | Maximum likelihood estimation in vector autoregressive models with multivariate scaled t -distributed innovations using EM-based algorithms. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 890-904. | 1.2 | 5 |
| 23 | MARK4 protein can explore the active-like conformations in its non-phosphorylated state. <i>Scientific Reports</i> , 2019, 9, 12967. | 3.3 | 4 |
| 24 | The Two-Piece Normal-Laplace Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 3759-3785. | 1.0 | 3 |
| 25 | On the Extended Birnbaum-Saunders Distribution Based on the Skew-t-Normal Distribution. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 1689-1703. | 1.5 | 3 |
| 26 | Properties and Inference for a New Class of Skew-t Distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016, 45, 3217-3237. | 1.2 | 2 |
| 27 | Concomitants of multivariate order statistics from multivariate elliptical distributions. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 722-738. | 1.0 | 2 |
| 28 | Longitudinal functional nonlinear marginal mixed effect models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 4079-4099. | 1.2 | 2 |
| 29 | Periodic autoregressive models with closed skew-normal innovations. <i>Computational Statistics</i> , 2019, 34, 1183-1213. | 1.5 | 2 |
| 30 | A time-varying GARCH mixed-effects model for isolating high- and low- frequency volatility and co-volatility. <i>Statistical Modelling</i> , 2024, 24, 58-81. | 1.1 | 2 |
| 31 | On the sufficient statistics for multivariate ARMA models: approximate approach. <i>Statistical Papers</i> , 2009, 50, 261-276. | 1.2 | 1 |
| 32 | A note on the Bayesian inference for generalized multivariate gamma distribution. <i>Statistics and Probability Letters</i> , 2014, 92, 95-98. | 0.7 | 1 |
| 33 | Modeling additive genetic effects in animal models by closed skew normal distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, , 1-13. | 1.2 | 1 |
| 34 | An inequality involving correlations. <i>Statistics and Probability Letters</i> , 2006, 76, 369-372. | 0.7 | 0 |
| 35 | New autoregressive model order selection criterion using same-realization predictions. , 2010, , | | 0 |
| 36 | Typical decision problems in the first-order autoregressive time series. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 2919-2935. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | On Periodically Correlated Wide-Sense Markov Processes. Iranian Journal of Science and Technology, Transaction A: Science, 2016, 40, 225-232. | 1.5 | 0 |
| 38 | On discrete-time stable multiple Markov processes. Communications in Statistics - Theory and Methods, 2017, 46, 1694-1708. | 1.0 | 0 |
| 39 | In Mourning and Memory of Late Professor Behboodian. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1615-1616. | 1.5 | 0 |
| 40 | On accelerating the EM-based algorithms for the VAR(1) models with multivariate generalized scaled t-distributed innovations. Communications in Statistics - Theory and Methods, 0, , 1-15. | 1.0 | 0 |
| 41 | PAR(1) model analysis: a web-based shiny application for analysing periodic autoregressive models. Journal of Statistical Computation and Simulation, 0, , 1-22. | 1.2 | 0 |
| 42 | A Comparison of the Bayesian and Non-Bayesian Approaches for the Periodic AR Models Based on the SMSN Innovations. Iranian Journal of Science and Technology, Transaction A: Science, 0, , 1. | 1.5 | 0 |
| 43 | The Extended Birnbaum-Saunders Distribution Based on the Scale Shape Mixture of Skew Normal Distributions. Journal of Statistical Theory and Applications, 2021, 20, 481-517. | 0.9 | 0 |