

Konstantinos Fokianos

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,835
citations

201575

27
h-index

189801

50
g-index

90
all docs

90
docs citations

90
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical analysis of multivariate discrete-valued time series. <i>Journal of Multivariate Analysis</i> , 2022, 188, 104805.	0.5	9
2	Generalized Linear Models Network Autoregression. <i>Lecture Notes in Computer Science</i> , 2022, , 112-125.	1.0	1
3	Mixtures of Nonlinear Poisson Autoregressions. <i>Journal of Time Series Analysis</i> , 2021, 42, 107-135.	0.7	7
4	Modeling the first wave of Covid-19 pandemic in the Republic of Cyprus. <i>Scientific Reports</i> , 2021, 11, 7342.	1.6	3
5	Count Time Series: A Methodological Review. <i>Journal of the American Statistical Association</i> , 2021, 116, 1533-1547.	1.8	46
6	Effect of public health interventions during the first epidemic wave of COVID-19 in Cyprus: a modelling study. <i>BMC Public Health</i> , 2021, 21, 1898.	1.2	4
7	Multivariate Count Time Series Modelling. <i>Econometrics and Statistics</i> , 2021, , .	0.4	8
8	On Integrated L_{1} Convergence Rate of an Isotonic Regression Estimator for Multivariate Observations. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 6389-6402.	1.5	6
9	Multivariate count autoregression. <i>Bernoulli</i> , 2020, 26, .	0.7	42
10	Effect of resveratrol on non-alcoholic fatty liver disease. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 559-565.	0.8	20
11	On categorical time series models with covariates. <i>Stochastic Processes and Their Applications</i> , 2019, 129, 3446-3462.	0.4	15
12	An Updated Literature Review of Distance Correlation and Its Applications to Time Series. <i>International Statistical Review</i> , 2019, 87, 237-262.	1.1	31
13	Consistent Testing for Pairwise Dependence in Time Series. <i>Technometrics</i> , 2017, 59, 262-270.	1.3	21
14	The effect of resveratrol on hypertension: A clinical trial. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 295-301.	0.8	47
15	Binary time series models driven by a latent process. <i>Econometrics and Statistics</i> , 2017, 2, 117-130.	0.4	6
16	On Locally Dyadic Stationary Processes. <i>IEEE Transactions on Information Theory</i> , 2017, 63, 4829-4837.	1.5	2
17	Editorial for the special issue in honour of Paul Doukhan. <i>Statistics</i> , 2017, 51, 1-2.	0.3	0
18	Asymptotic properties of quasi-maximum likelihood estimators in observation-driven time series models. <i>Electronic Journal of Statistics</i> , 2017, 11, .	0.4	17

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19	tscount : An <i>R</i> Package for Analysis of Count Time Series Following Generalized Linear Models. <i>Journal of Statistical Software</i> , 2017, 82, .	1.8	107
20	Mallows™ quasi-likelihood estimation for log-linear Poisson autoregressions. <i>Statistical Inference for Stochastic Processes</i> , 2016, 19, 337-361.	0.4	5
21	Robust estimation methods for a class of log-linear count time series models. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 740-755.	0.7	8
22	Modelling interventions in INGARCH processes. <i>International Journal of Computer Mathematics</i> , 2016, 93, 640-657.	1.0	21
23	dCovTS: Distance Covariance/Correlation for Time Series. <i>R Journal</i> , 2016, 8, 324.	0.7	5
24	Estimation and testing linearity for non-linear mixed poisson autoregressions. <i>Electronic Journal of Statistics</i> , 2015, 9, .	0.4	16
25	Two Cholesky-log-GARCH models for multivariate volatilities. <i>Statistical Modelling</i> , 2015, 15, 233-255.	0.5	6
26	Likelihood Estimation for the INAR(p) Model by Saddlepoint Approximation. <i>Journal of the American Statistical Association</i> , 2015, 110, 1229-1238.	1.8	37
27	On count time series prediction. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 357-373.	0.7	27
28	Retrospective Bayesian outlier detection in INGARCH series. <i>Statistics and Computing</i> , 2015, 25, 365-374.	0.8	18
29	QUASI-LIKELIHOOD INFERENCE FOR NEGATIVE BINOMIAL TIME SERIES MODELS. <i>Journal of Time Series Analysis</i> , 2014, 35, 55-78.	0.7	97
30	Semiparametric Inference for the Two-way Layout Under Order Restrictions. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 622-638.	0.9	6
31	Retrospective change detection for binary time series models. <i>Journal of Statistical Planning and Inference</i> , 2014, 145, 102-112.	0.4	32
32	On binary and categorical time series models with feedback. <i>Journal of Multivariate Analysis</i> , 2014, 131, 209-228.	0.5	33
33	On Outliers and Interventions in Count Time Series following GLMs. <i>Austrian Journal of Statistics</i> , 2014, 43, 181-193.	0.2	9
34	Correction to "On weak dependence conditions for Poisson autoregressions" [Statist. Probab. Lett. 82 (2012) 942-948]. <i>Statistics and Probability Letters</i> , 2013, 83, 1926-1927.	0.4	13
35	A goodness-of-fit test for Poisson count processes. <i>Electronic Journal of Statistics</i> , 2013, 7, .	0.4	21
36	QUASI-LIKELIHOOD INFERENCE FOR NEGATIVE BINOMIAL TIME SERIES MODELS. <i>Journal of Time Series Analysis</i> , 2013, 35, n/a-n/a.	0.7	61

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37	Interventions in log-linear Poisson autoregression. <i>Statistical Modelling</i> , 2012, 12, 299-322.	0.5	49
38	Nonlinear Poisson autoregression. <i>Annals of the Institute of Statistical Mathematics</i> , 2012, 64, 1205-1225.	0.5	57
39	On weak dependence conditions for Poisson autoregressions. <i>Statistics and Probability Letters</i> , 2012, 82, 942-948.	0.4	85
40	On weak dependence conditions: The case of discrete valued processes. <i>Statistics and Probability Letters</i> , 2012, 82, 1941-1948.	0.4	18
41	Comments on: Some recent theory for autoregressive count time series. <i>Test</i> , 2012, 21, 451-454.	0.7	0
42	Count Time Series Models. <i>Handbook of Statistics</i> , 2012, , 315-347.	0.4	59
43	Biological applications of time series frequency domain clustering. <i>Journal of Time Series Analysis</i> , 2012, 33, 744-756.	0.7	9
44	Aspect in the L2 and L3 Acquisition of Greek. <i>Second Language Learning and Teaching</i> , 2012, , 41-62.	0.2	1
45	Some recent progress in count time series. <i>Statistics</i> , 2011, 45, 49-58.	0.3	49
46	Log-linear Poisson autoregression. <i>Journal of Multivariate Analysis</i> , 2011, 102, 563-578.	0.5	143
47	Spectral estimation. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2010, 2, 165-170.	2.1	0
48	Order-Restricted Semiparametric Inference for the Power Bias Model. <i>Biometrics</i> , 2010, 66, 549-557.	0.8	13
49	Antependence Models for Longitudinal Data. <i>Journal of Time Series Analysis</i> , 2010, 31, 494-494.	0.7	1
50	Interventions in INGARCH processes. <i>Journal of Time Series Analysis</i> , 2010, 31, 210-225.	0.7	100
51	Spectral density ratio based clustering methods for the binary segmentation of protein sequences: A comparative study. <i>BioSystems</i> , 2010, 100, 132-143.	0.9	5
52	Penalized Estimation for Integer Autoregressive Models. , 2010, , 337-352.		3
53	Poisson Autoregression. <i>Journal of the American Statistical Association</i> , 2009, 104, 1430-1439.	1.8	311
54	Integer-valued time series. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2009, 1, 361-364.	2.1	0

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55	Safe density ratio modeling. <i>Statistics and Probability Letters</i> , 2009, 79, 1915-1920.	0.4	1
56	Clustering of biological time series by cepstral coefficients based distances. <i>Pattern Recognition</i> , 2008, 41, 2398-2412.	5.1	30
57	On Comparing Several Spectral Densities. <i>Technometrics</i> , 2008, 50, 317-331.	1.3	39
58	Identifying periodically expressed transcripts in microarray time series data. <i>Bioinformatics</i> , 2008, 24, 2274-2274.	1.8	106
59	A Note on Monte Carlo Maximization by the Density Ratio Model. <i>Journal of Statistical Theory and Practice</i> , 2008, 2, 355-367.	0.3	6
60	Comparing two samples by penalized logistic regression. <i>Electronic Journal of Statistics</i> , 2008, 2, .	0.4	8
61	Poisson Autoregression. <i>SSRN Electronic Journal</i> , 2008, , .	0.4	3
62	Inference for the relative treatment effect with the density ratio model. <i>Statistical Modelling</i> , 2007, 7, 155-173.	0.5	5
63	Density ratio model selection. <i>Journal of Statistical Computation and Simulation</i> , 2007, 77, 805-819.	0.7	11
64	Increased radiation exposure by granite used as natural tiling rock in Cypriot houses. <i>Radiation Measurements</i> , 2007, 42, 446-448.	0.7	9
65	On the Effect of Misspecifying the Density Ratio Model. <i>Annals of the Institute of Statistical Mathematics</i> , 2006, 58, 475-497.	0.5	27
66	A two-sample model for the comparison of radiation doses. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 79, 1-9.	1.8	6
67	Identifying periodically expressed transcripts in microarray time series data. <i>Bioinformatics</i> , 2004, 20, 5-20.	1.8	274
68	Merging information for semiparametric density estimation. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2004, 66, 941-958.	1.1	35
69	Statistical Comparison of Algorithms. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2004, 53, 770-776.	2.4	10
70	Partial Likelihood Inference For Time Series Following Generalized Linear Models. <i>Journal of Time Series Analysis</i> , 2004, 25, 173-197.	0.7	66
71	Regression Theory for Categorical Time Series. <i>Statistical Science</i> , 2003, 18, 357.	1.6	88
72	Box-Cox Transformation for Semiparametric Comparison of Two Samples. <i>Contributions To Statistics</i> , 2003, , 131-139.	0.2	2

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73	Power Divergence Family of Tests for Categorical Time Series Models. Annals of the Institute of Statistical Mathematics, 2002, 54, 543-564.	0.5	5
74	Bayesian Transformed Gaussian Random Field: A Review.. Oyo Tokeigaku, 2002, 31, 175-187.	0.2	1
75	A Semiparametric Approach to the One-Way Layout. Technometrics, 2001, 43, 56-65.	1.3	77
76	Truncated Poisson Regression for Time Series of Counts. Scandinavian Journal of Statistics, 2001, 28, 645-659.	0.9	12
77	Authors' addendum to: "A generalized-moments specification test for the logistic link" Canadian Journal of Statistics, 2000, 28, 446-446.	0.6	0
78	A Stochastic Approximation Algorithm for the Adaptive Control of Time Series Following Generalized Linear Models. Journal of Time Series Analysis, 1999, 20, 289-308.	0.7	3
79	A generalized-moments specification test for the logistic link. Canadian Journal of Statistics, 1999, 27, 735-750.	0.6	9
80	Prediction and Classification of Non-stationary Categorical Time Series. Journal of Multivariate Analysis, 1998, 67, 277-296.	0.5	47
81	On Combining Instruments. Journal of Applied Meteorology and Climatology, 1998, 37, 220-226.	1.7	16
82	Predicting precipitation level. Journal of Geophysical Research, 1996, 101, 26473-26477.	3.3	1