

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	Poisson Autoregression. Journal of the American Statistical Association, 2009, 104, 1430-1439.	1.8	311
2	Identifying periodically expressed transcripts in microarray time series data. Bioinformatics, 2004, 20, 5-20.	1.8	274
3	Log-linear Poisson autoregression. Journal of Multivariate Analysis, 2011, 102, 563-578.	0.5	143
4	tscount : An R Package for Analysis of Count Time Series Following Generalized Linear Models. Journal of Statistical Software, 2017, 82, .	1.8	107
5	Identifying periodically expressed transcripts in microarray time series data. Bioinformatics, 2008, 24, 2274-2274.	1.8	106
6	Interventions in INGARCH processes. Journal of Time Series Analysis, 2010, 31, 210-225.	0.7	100
7	QUASI-LIKELIHOOD INFERENCE FOR NEGATIVE BINOMIAL TIME SERIES MODELS. Journal of Time Series Analysis, 2014, 35, 55-78.	0.7	97
8	Regression Theory for Categorical Time Series. Statistical Science, 2003, 18, 357.	1.6	88
9	On weak dependence conditions for Poisson autoregressions. Statistics and Probability Letters, 2012, 82, 942-948.	0.4	85
10	A Semiparametric Approach to the One-Way Layout. Technometrics, 2001, 43, 56-65.	1.3	77
11	Partial Likelihood Inference For Time Series Following Generalized Linear Models. Journal of Time Series Analysis, 2004, 25, 173-197.	0.7	66
12	QUASI-LIKELIHOOD INFERENCE FOR NEGATIVE BINOMIAL TIME SERIES MODELS. Journal of Time Series Analysis, 2013, 35, n/a-n/a.	0.7	61
13	Count Time Series Models. Handbook of Statistics, 2012, , 315-347.	0.4	59
14	Nonlinear Poisson autoregression. Annals of the Institute of Statistical Mathematics, 2012, 64, 1205-1225.	0.5	57
15	Some recent progress in count time series. Statistics, 2011, 45, 49-58.	0.3	49
16	Interventions in log-linear Poisson autoregression. Statistical Modelling, 2012, 12, 299-322.	0.5	49
17	Prediction and Classification of Non-stationary Categorical Time Series. Journal of Multivariate Analysis, 1998, 67, 277-296.	0.5	47
18	The effect of resveratrol on hypertension: A clinical trial. Experimental and Therapeutic Medicine, 2017, 13, 295-301.	0.8	47

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19	Count Time Series: A Methodological Review. Journal of the American Statistical Association, 2021, 116, 1533-1547.	1.8	46
20	Multivariate count autoregression. Bernoulli, 2020, 26, .	0.7	42
21	On Comparing Several Spectral Densities. Technometrics, 2008, 50, 317-331.	1.3	39
22	Likelihood Estimation for the INAR(p) Model by Saddlepoint Approximation. Journal of the American Statistical Association, 2015, 110, 1229-1238.	1.8	37
23	Merging information for semiparametric density estimation. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2004, 66, 941-958.	1.1	35
24	On binary and categorical time series models with feedback. Journal of Multivariate Analysis, 2014, 131, 209-228.	0.5	33
25	Retrospective change detection for binary time series models. Journal of Statistical Planning and Inference, 2014, 145, 102-112.	0.4	32
26	An Updated Literature Review of Distance Correlation and Its Applications to Time Series. International Statistical Review, 2019, 87, 237-262.	1.1	31
27	Clustering of biological time series by cepstral coefficients based distances. Pattern Recognition, 2008, 41, 2398-2412.	5.1	30
28	On the Effect of Misspecifying the Density Ratio Model. Annals of the Institute of Statistical Mathematics, 2006, 58, 475-497.	0.5	27
29	On count time series prediction. Journal of Statistical Computation and Simulation, 2015, 85, 357-373.	0.7	27
30	A goodness-of-fit test for Poisson count processes. Electronic Journal of Statistics, 2013, 7, .	0.4	21
31	Modelling interventions in INGARCH processes. International Journal of Computer Mathematics, 2016, 93, 640-657.	1.0	21
32	Consistent Testing for Pairwise Dependence in Time Series. Technometrics, 2017, 59, 262-270.	1.3	21
33	Effect of resveratrol on non-alcoholic fatty liver disease. Experimental and Therapeutic Medicine, 2019, 18, 559-565.	0.8	20
34	On weak dependence conditions: The case of discrete valued processes. Statistics and Probability Letters, 2012, 82, 1941-1948.	0.4	18
35	Retrospective Bayesian outlier detection in INGARCH series. Statistics and Computing, 2015, 25, 365-374.	0.8	18
36	Asymptotic properties of quasi-maximum likelihood estimators in observation-driven time series models. Electronic Journal of Statistics, 2017, 11, .	0.4	17

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37	On Combining Instruments. <i>Journal of Applied Meteorology and Climatology</i> , 1998, 37, 220-226.	1.7	16
38	Estimation and testing linearity for non-linear mixed poisson autoregressions. <i>Electronic Journal of Statistics</i> , 2015, 9, .	0.4	16
39	On categorical time series models with covariates. <i>Stochastic Processes and Their Applications</i> , 2019, 129, 3446-3462.	0.4	15
40	Order-Restricted Semiparametric Inference for the Power Bias Model. <i>Biometrics</i> , 2010, 66, 549-557.	0.8	13
41	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
42	Truncated Poisson Regression for Time Series of Counts. <i>Scandinavian Journal of Statistics</i> , 2001, 28, 645-659.	0.9	12
43	Density ratio model selection. <i>Journal of Statistical Computation and Simulation</i> , 2007, 77, 805-819.	0.7	11
44	Statistical Comparison of Algorithms. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2004, 53, 770-776.	2.4	10
45	A generalized-moments specification test for the logistic link. <i>Canadian Journal of Statistics</i> , 1999, 27, 735-750.	0.6	9
46	Increased radiation exposure by granite used as natural tiling rock in Cypriot houses. <i>Radiation Measurements</i> , 2007, 42, 446-448.	0.7	9
47	Biological applications of time series frequency domain clustering. <i>Journal of Time Series Analysis</i> , 2012, 33, 744-756.	0.7	9
48	Statistical analysis of multivariate discrete-valued time series. <i>Journal of Multivariate Analysis</i> , 2022, 188, 104805.	0.5	9
49	On Outliers and Interventions in Count Time Series following GLMs. <i>Austrian Journal of Statistics</i> , 2014, 43, 181-193.	0.2	9
50	Comparing two samples by penalized logistic regression. <i>Electronic Journal of Statistics</i> , 2008, 2, .	0.4	8
51	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
52	Multivariate Count Time Series Modelling. <i>Econometrics and Statistics</i> , 2021, , .	0.4	8
53	Mixtures of Nonlinear Poisson Autoregressions. <i>Journal of Time Series Analysis</i> , 2021, 42, 107-135.	0.7	7
54	A two-sample model for the comparison of radiation doses. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 79, 1-9.	1.8	6

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55	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
56	Semiparametric Inference for the Two-way Layout Under Order Restrictions. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 622-638.	0.9	6
57	Two Cholesky-log-GARCH models for multivariate volatilities. <i>Statistical Modelling</i> , 2015, 15, 233-255.	0.5	6
58	Binary time series models driven by a latent process. <i>Econometrics and Statistics</i> , 2017, 2, 117-130.	0.4	6
59	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
60	Power Divergence Family of Tests for Categorical Time Series Models. <i>Annals of the Institute of Statistical Mathematics</i> , 2002, 54, 543-564.	0.5	5
61	Inference for the relative treatment effect with the density ratio model. <i>Statistical Modelling</i> , 2007, 7, 155-173.	0.5	5
62	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
63	Mallows' quasi-likelihood estimation for log-linear Poisson autoregressions. <i>Statistical Inference for Stochastic Processes</i> , 2016, 19, 337-361.	0.4	5
64	dCovTS: Distance Covariance/Correlation for Time Series. <i>R Journal</i> , 2016, 8, 324.	0.7	5
65	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
66	A Stochastic Approximation Algorithm for the Adaptive Control of Time Series Following Generalized Linear Models. <i>Journal of Time Series Analysis</i> , 1999, 20, 289-308.	0.7	3
67	Poisson Autoregression. <i>SSRN Electronic Journal</i> , 2008, , .	0.4	3
68	Modeling the first wave of Covid-19 pandemic in the Republic of Cyprus. <i>Scientific Reports</i> , 2021, 11, 7342.	1.6	3
69	Penalized Estimation for Integer Autoregressive Models. , 2010, , 337-352.		3
70	On Locally Dyadic Stationary Processes. <i>IEEE Transactions on Information Theory</i> , 2017, 63, 4829-4837.	1.5	2
71	Box-Cox Transformation for Semiparametric Comparison of Two Samples. <i>Contributions To Statistics</i> , 2003, , 131-139.	0.2	2
72	Predicting precipitation level. <i>Journal of Geophysical Research</i> , 1996, 101, 26473-26477.	3.3	1

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73	Safe density ratio modeling. <i>Statistics and Probability Letters</i> , 2009, 79, 1915-1920.	0.4	1
74	Antedependence Models for Longitudinal Data. <i>Journal of Time Series Analysis</i> , 2010, 31, 494-494.	0.7	1
75	Aspect in the L2 and L3 Acquisition of Greek. <i>Second Language Learning and Teaching</i> , 2012, , 41-62.	0.2	1
76	Bayesian Transformed Gaussian Random Field: A Review.. <i>Oyo Tokeigaku</i> , 2002, 31, 175-187.	0.2	1
77	Generalized Linear Models Network Autoregression. <i>Lecture Notes in Computer Science</i> , 2022, , 112-125.	1.0	1
78	Authors' addendum to: "A generalized-moments specification test for the logistic link". <i>Canadian Journal of Statistics</i> , 2000, 28, 446-446.	0.6	0
79	Integer-valued time series. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2009, 1, 361-364.	2.1	0
80	Spectral estimation. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2010, 2, 165-170.	2.1	0
81	Comments on: Some recent theory for autoregressive count time series. <i>Test</i> , 2012, 21, 451-454.	0.7	0
82	Editorial for the special issue in honour of Paul Doukhan. <i>Statistics</i> , 2017, 51, 1-2.	0.3	0