

Maria Eduarda Silva, M E Silva

List of Publications by Year in descending order

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47
papers

685
citations

586496

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685536

24
g-index

48
all docs

48
docs citations

48
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel features for time series analysis: a complex networks approach. Data Mining and Knowledge Discovery, 2022, 36, 1062-1101.	2.4	6
2	Dynamic structural models with covariates for short-term forecasting of time series with complex seasonal patterns. Journal of Applied Statistics, 2021, 48, 804-826.	0.6	2
3	Time series analysis via network science: Concepts and algorithms. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, 11, e1404.	4.6	18
4	Assessing Transfer Entropy in cardiovascular and respiratory time series under long-range correlations. , 2021, 2021, 748-751.		2
5	Classification of HRV using Long Short-Term Memory Networks. , 2020, , .		1
6	Vector Autoregressive Fractionally Integrated Models to Assess Multiscale Complexity in Cardiovascular and Respiratory Time Series. , 2020, , .		0
7	Modelling informative time points: an evolutionary process approach. Test, 2020, 30, 364.	0.7	0
8	Multivariate and Multiscale Complexity of Long-Range Correlated Cardiovascular and Respiratory Variability Series. Entropy, 2020, 22, 315.	1.1	13
9	Inference for bivariate integer-valued moving average models based on binomial thinning operation. Journal of Applied Statistics, 2020, 47, 2546-2564.	0.6	6
10	Multiscale information storage of linear long-range correlated stochastic processes. Physical Review E, 2019, 99, 032115.	0.8	23
11	Bayesian Outlier Detection in Non-Gaussian Autoregressive Time Series. Journal of Time Series Analysis, 2019, 40, 631-648.	0.7	5
12	Modelling Overdispersion with Integer-Valued Moving Average Processes. Springer Proceedings in Mathematics and Statistics, 2019, , 291-303.	0.1	1
13	Model-Based Classification of Heart Rate Variability. , 2018, 2018, 518-521.		1
14	Wavelet-Based Detection of Outliers in Poisson INAR(1) Time Series. Contributions To Statistics, 2018, , 183-195.	0.2	0
15	Modelling spatio-temporal data with multiple seasonalities: The $\sum_{i=1}^k \alpha_i \sin(\omega_i t + \phi_i)$ overflow="scroll">$\sum_{i=1}^k \alpha_i \sin(\omega_i t + \phi_i)$ Portuguese case. Spatial Statistics, 2017, 22, 371-387.	0.9	8
16	ARFIMA-GARCH Modeling of HRV: Clinical Application in Acute Brain Injury. , 2017, , 451-468.		5
17	Modeling volatility in heart rate variability. , 2016, 2016, 3582-3585.		5
18	Self-exciting threshold binomial autoregressive processes. AStA Advances in Statistical Analysis, 2016, 100, 369-400.	0.4	41

#	ARTICLE	IF	CITATIONS
19	Detection of Additive Outliers in Poisson INAR(1) Time Series. CIM Series in Mathematical Sciences, 2015, , 377-388.	0.4	5
20	Bivariate binomial autoregressive models. Journal of Multivariate Analysis, 2014, 125, 233-251.	0.5	51
21	Individualizing propofol dosage: a multivariate linear model approach. Journal of Clinical Monitoring and Computing, 2014, 28, 525-536.	0.7	9
22	Análise da variabilidade da frequência cardíaca em indivíduos saudáveis, doentes com insuficiência cardíaca e doentes transplantados. Motricidade, 2013, 9, .	0.2	1
23	Beyond long memory in heart rate variability: An approach based on fractionally integrated autoregressive moving average time series models with conditional heteroscedasticity. Chaos, 2013, 23, 023103.	1.0	24
24	A nonlinear continuous-discrete filter with model parameter uncertainty and application to anesthesia. , 2013, , .		1
25	Modelling neuromuscular blockade: a stochastic approach based on clinical data. Mathematical and Computer Modelling of Dynamical Systems, 2013, 19, 540-556.	1.4	13
26	Additive outliers in INAR(1) models. Statistical Papers, 2012, 53, 935-949.	0.7	18
27	Innovational Outliers in INAR(1) Models. Communications in Statistics - Theory and Methods, 2010, 39, 3343-3362.	0.6	17
28	Online individualized dose estimation. , 2009, , .		0
29	Low-frequency sea-level change in Chesapeake Bay: Changing seasonality and long-term trends. Estuarine, Coastal and Shelf Science, 2009, 83, 30-38.	0.9	19
30	Multi-scale variability patterns in NCEP/NCAR reanalysis sea-level pressure. Theoretical and Applied Climatology, 2009, 96, 319-326.	1.3	11
31	Deterministic versus stochastic trends: Detection and challenges. Journal of Geophysical Research, 2009, 114, .	3.3	71
32	Changing seasonality in North Atlantic coastal sea level from the analysis of long tide gauge records. Tellus, Series A: Dynamic Meteorology and Oceanography, 2008, 60, 165-177.	0.8	23
33	Time Series Analysis of Sea-Level Records: Characterising Long-Term Variability. Lecture Notes in Earth Sciences, 2008, , 157-173.	0.5	24
34	Long-range dependence in heart rate variability data: ARFIMA modelling vs detrended fluctuation analysis. , 2007, , .		6
35	Radon variability at the Elat granite, Israel: Heteroscedasticity and nonlinearity. Geophysical Research Letters, 2007, 34, .	1.5	32
36	Scale-based comparison of Sea Level observations in the North Atlantic from Satellite Altimetry and Tide Gauges. , 2007, , 63-66.		2

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37	Multivariate autoregressive modelling of sea level time series from TOPEX/Poseidon satellite altimetry. <i>Nonlinear Processes in Geophysics</i> , 2006, 13, 177-184.	0.6	14
38	Long-range dependence in North Atlantic sea level. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 371, 725-731.	1.2	28
39	Asymptotic distribution of the Yule-Walker estimator for INAR processes. <i>Statistics and Probability Letters</i> , 2006, 76, 1655-1663.	0.4	23
40	Wavelet analysis of the Lisbon and Gibraltar North Atlantic Oscillation winter indices. <i>International Journal of Climatology</i> , 2006, 26, 581-593.	1.5	24
41	Modelling long-term heart rate variability: an ARFIMA approach. <i>Biomedizinische Technik</i> , 2006, 51, 215-219.	0.9	6
42	Statistical analysis of neuromuscular blockade response: contributions to an automatic controller calibration. <i>Computational Statistics and Data Analysis</i> , 2005, 49, 955-968.	0.7	5
43	Difference Equations for the Higher Order Moments and Cumulants of the INAR(p) Model. <i>Journal of Time Series Analysis</i> , 2005, 26, 17-36.	0.7	23
44	Replicated INAR(1) Processes. <i>Methodology and Computing in Applied Probability</i> , 2005, 7, 517-542.	0.7	13
45	Nonlinear sea level trends from European tide gauge records. <i>Annales Geophysicae</i> , 2004, 22, 1465-1472.	0.6	16
46	Difference Equations for the Higher-Order Moments and Cumulants of the INAR(1) Model. <i>Journal of Time Series Analysis</i> , 2004, 25, 317-333.	0.7	68
47	Volatility Leveraging in Heart Rate: health vs disease. , 0, , .		1