

György H Terdik

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

354
citations

933447

10
h-index

839539

18
g-index

40
all docs

40
docs citations

40
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated detection of neonate EEG sleep stages. Computer Methods and Programs in Biomedicine, 2009, 95, 31-46.	4.7	65
2	LÃ%ovy Flights and Fractal Modeling of Internet Traffic. IEEE/ACM Transactions on Networking, 2009, 17, 120-129.	3.8	53
3	Bilinear Stochastic Models and Related Problems of Nonlinear Time Series Analysis. Lecture Notes in Statistics, 1999, , .	0.2	41
4	On Wienerâ€™lto representation and the best linear predictors for bilinear time series. Journal of Applied Probability, 1989, 26, 274-286.	0.7	19
5	A New Test of Linearity of Time Series Based on the Bispectrum. Journal of Time Series Analysis, 1998, 19, 737-753.	1.2	17
6	Bilinear stochastic systems with fractional Brownian motion input. Annals of Applied Probability, 1999, 9, 46.	1.3	17
7	Fractional- and integer-order moments, and multiscaling for smoothly truncated LÃ©vy flights. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 348, 94-109.	2.1	14
8	Angular spectra for non-Gaussian isotropic fields. Brazilian Journal of Probability and Statistics, 2015, 29, .	0.4	13
9	Superposition of Diffusions with Linear Generator and its Multifractal Limit Process. ESAIM - Probability and Statistics, 2003, 7, 23-88.	0.5	13
10	Does the Internet Still Demonstrate Fractal Nature?. , 2009, , .		10
11	On Multivariate Skewness and Kurtosis. Sankhya A, 2021, 83, 607-644.	0.8	10
12	Ch. 21. On the theory of discrete and continuous bilinear time series models. Handbook of Statistics, 2003, 21, 827-870.	0.6	9
13	A New Covariance Function and Spatioâ€™Temporal Prediction (Kriging) for A Stationary Spatioâ€™Temporal Random Process. Journal of Time Series Analysis, 2017, 38, 936-959.	1.2	8
14	Forward and backward Markovian state space models of second order process. Computers and Mathematics With Applications, 1990, 19, 21-29.	2.7	7
15	Harmonic analysis and distribution-free inference for spherical distributions. Journal of Multivariate Analysis, 2019, 171, 436-451.	1.0	6
16	Bispectral analysis of traffic in high-speed networks. Computers and Mathematics With Applications, 2002, 43, 1575-1583.	2.7	5
17	Statistical Analysis of Spatio-Temporal Models and Their Applications. Handbook of Statistics, 2012, 30, 521-540.	0.6	5
18	Advances and practice in Internet of Things. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	On the Frequency Variogram and on Frequency Domain Methods for the Analysis of Spatio-temporal Data. <i>Journal of Time Series Analysis</i> , 2017, 38, 308-325.	1.2	5
20	Asymptotic theory for statistics based on cumulant vectors with applications. <i>Scandinavian Journal of Statistics</i> , 2021, 48, 708-728.	1.4	5
21	Bilinear state space realization for polynomial stochastic systems. <i>Computers and Mathematics With Applications</i> , 1991, 22, 69-83.	2.7	4
22	Second-order properties for multiple-bilinear models. <i>Journal of Multivariate Analysis</i> , 1990, 35, 295-307.	1.0	3
23	Stationarity in fourth order and the marginal bispectrum for bilinear models with Gaussian residuals. <i>Stochastic Processes and Their Applications</i> , 1992, 42, 315-327.	0.9	3
24	Wavelet analysis of QoS based network traffic. , 2011, , .		3
25	Cumulants of Multivariate Symmetric and Skew Symmetric Distributions. <i>Symmetry</i> , 2021, 13, 1383.	2.2	3
26	The exact bispectra for bilinear realizable processes with hermite degree 2. <i>Advances in Applied Probability</i> , 1991, 23, 798-808.	0.7	2
27	On multivariate nonlinear regression models with stationary correlated errors. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 3793-3814.	0.6	2
28	Internet Traffic Modeling with Lévy Flights. , 2008, , .		1
29	Long-range dependence in third order and bispectrum singularity. <i>Periodica Mathematica Hungarica</i> , 2011, 62, 103-119.	0.9	1
30	Statistical Analysis of Next Generation Network Traffics Based on Wavelets and Transformation ON/(ON+OFF). <i>Topics in Intelligent Engineering and Informatics</i> , 2012, , 107-121.	0.4	1
31	Bispectrum for non-Gaussian homogeneous and isotropic field on the plane. <i>Publicationes Mathematicae</i> , 2014, 84, 303-318.	0.2	1
32	Simulation and Visualization of 3D-Spherical Distributions. <i>Forum for Interdisciplinary Mathematics</i> , 2022, , 119-145.	1.6	1
33	Optimal statistical inference in financial engineering. <i>Journal of Time Series Analysis</i> , 2011, 32, 92-92.	1.2	0
34	When the bispectrum is real-valued. <i>Statistics and Probability Letters</i> , 2014, 95, 1-5.	0.7	0
35	Analysis of controller based IEEE 802.11 system with similarity measure clustering: Evaluation of channel allocation efficiency by change detection. , 2017, , .		0
36	Multivariate Skew Distributions. <i>Frontiers in Probability and the Statistical Sciences</i> , 2021, , 241-311.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Long Range Dependence in Third Order for Non-Gaussian Time Series. , 2011, , 281-304.		0
38	Covariance Functions for Gaussian Laplacian Fields in Higher Dimension. Contributions To Statistics, 2020, , 19-29.	0.2	0
39	A stochastic approach to handle resource constraints as knapsack problems in ensemble pruning. Machine Learning, 0, , .	5.4	0