Boris Darkhovsky

List of Publications by Year
in descending order

19 papers	**149** citations	1478505 **6** h-index	1281871 **11** g-index
19 all docs	**19** docs citations	**19** times ranked	**88** citing authors

#	Article	IF	Citations
1	Retrospective Change-Points Detection for Multidimensional Time Series of Arbitrary Nature: Model-Free Technology Based on the Ïµ-Complexity Theory. Entropy, 2021, 23, 1626.	2.2	2
2	Modelâ€free offline changeâ€point detection in multidimensional time series of arbitrary nature via <i>Ïµ</i>â€complexity: Simulations and applications. Applied Stochastic Models in Business and Industry, 2018, 34, 633-644.	1.5	8
3	Binary classification of multichannel-EEG records based on the Ïµ-complexity of continuous vector functions. Computer Methods and Programs in Biomedicine, 2017, 152, 131-139.	4.7	53
4	Sequential detection of switches in models with changing structures. Stochastics, 2016, 88, 460-479.	1.1	0
5	The ε-complexity of copulas. , 2015, , .		0
6	Novel Methodology of Change-Points Detection for Time Series with Arbitrary Generating Mechanisms. Springer Proceedings in Mathematics and Statistics, 2015, , 241-251.	0.2	2
7	Quickest Detection of Changes in the Generating Mechanism of a Time Series via the Îµ-Complexity of Continuous Functions. Sequential Analysis, 2014, 33, 231-250.	0.5	4
8	Asymptotically Optimal Methods of Early Change-Point Detection. Sequential Analysis, 2013, 32, 158-181.	0.5	5
9	A new complexity-based algorithmic procedures for electroencephalogram (EEG) segmentation. , 2012, , .		6
10	Structural changes and unit roots in non-stationary time series. Journal of Statistical Planning and Inference, 2012, 142, 327-335.	0.6	0
11	Optimal Sequential Tests for Testing Two Composite and Multiple Simple Hypotheses. Sequential Analysis, 2011, 30, 479-496.	0.5	6
12	Change-Point Problem for High-Order Markov Chain. Sequential Analysis, 2011, 30, 41-51.	0.5	6
13	Minimax Estimation of the First Derivative by Finite Number of Noisy Observations. Communications in Statistics - Theory and Methods, 2009, 38, 2804-2811.	1.0	0
14	Discussion on â€œIs Average Run Length to False Alarm Always an Informative Criterion?â€•by Yajun Mei. Sequential Analysis, 2008, 27, 377-380.	0.5	1
15	Minimax Methods for Multihypothesis Sequential Testing and Change-Point Detection Problems. Sequential Analysis, 2008, 27, 141-173.	0.5	32
16	Sequential change-point detection for mixing random sequences under composite hypotheses. Statistical Inference for Stochastic Processes, 2007, 11, 35-54.	0.6	10
17	The estimation of complexity for the electroencephalogram in humans. , 2006, , .		0
18	The Estimation of Complexity for the Electroencephalogram in Humans. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
19	Asymptotically optimal methods of change-point detection for composite hypotheses. Journal of Statistical Planning and Inference, 2005, 133, 123-138.	0.6	13