

Boris Darkhovsky

List of Publications by Year in descending order

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Version: 2024-02-01

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	Binary classification of multichannel-EEG records based on the $\hat{\mu}$ -complexity of continuous vector functions. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 152, 131-139.	4.7	53
2	Minimax Methods for Multihypothesis Sequential Testing and Change-Point Detection Problems. <i>Sequential Analysis</i> , 2008, 27, 141-173.	0.5	32
3	Asymptotically optimal methods of change-point detection for composite hypotheses. <i>Journal of Statistical Planning and Inference</i> , 2005, 133, 123-138.	0.6	13
4	Sequential change-point detection for mixing random sequences under composite hypotheses. <i>Statistical Inference for Stochastic Processes</i> , 2007, 11, 35-54.	0.6	10
5	Model-free offline change-point detection in multidimensional time series of arbitrary nature via $\hat{\mu}$ -complexity: Simulations and applications. <i>Applied Stochastic Models in Business and Industry</i> , 2018, 34, 633-644.	1.5	8
6	Optimal Sequential Tests for Testing Two Composite and Multiple Simple Hypotheses. <i>Sequential Analysis</i> , 2011, 30, 479-496.	0.5	6
7	Change-Point Problem for High-Order Markov Chain. <i>Sequential Analysis</i> , 2011, 30, 41-51.	0.5	6
8	A new complexity-based algorithmic procedures for electroencephalogram (EEG) segmentation. , 2012, , ,		6
9	Asymptotically Optimal Methods of Early Change-Point Detection. <i>Sequential Analysis</i> , 2013, 32, 158-181.	0.5	5
10	Quickest Detection of Changes in the Generating Mechanism of a Time Series via the $\hat{\mu}$ -Complexity of Continuous Functions. <i>Sequential Analysis</i> , 2014, 33, 231-250.	0.5	4
11	Novel Methodology of Change-Points Detection for Time Series with Arbitrary Generating Mechanisms. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 241-251.	0.2	2
12	Retrospective Change-Points Detection for Multidimensional Time Series of Arbitrary Nature: Model-Free Technology Based on the $\hat{\mu}$ -Complexity Theory. <i>Entropy</i> , 2021, 23, 1626.	2.2	2
13	Discussion on "œls Average Run Length to False Alarm Always an Informative Criterion?"-by Yajun Mei. <i>Sequential Analysis</i> , 2008, 27, 377-380.	0.5	1
14	The Estimation of Complexity for the Electroencephalogram in Humans. , 2006, , ,		1
15	The estimation of complexity for the electroencephalogram in humans. , 2006, , ,		0
16	Minimax Estimation of the First Derivative by Finite Number of Noisy Observations. <i>Communications in Statistics - Theory and Methods</i> , 2009, 38, 2804-2811.	1.0	0
17	Structural changes and unit roots in non-stationary time series. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 327-335.	0.6	0
18	The $\hat{\mu}$ -complexity of copulas. , 2015, , ,		0

#	ARTICLE	IF	CITATIONS
19	Sequential detection of switches in models with changing structures. Stochastics, 2016, 88, 460-479.	1.1	0