

Victor Bakhtin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/374369/publications.pdf>

Version: 2024-02-01

25
papers

155
citations

1478505

6
h-index

1199594

12
g-index

26
all docs

26
docs citations

26
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion approximation for slow motion in fully coupled averaging. Probability Theory and Related Fields, 2004, 129, 157-181.	1.8	37
2	Averaging in multifrequency systems. Functional Analysis and Its Applications, 1986, 20, 83-88.	0.4	24
3	On t -entropy and variational principle for the spectral radii of transfer and weighted shift operators. Ergodic Theory and Dynamical Systems, 2011, 31, 995-1042.	0.6	18
4	Weierstrass-malgrange preparation theorem in the finitely smooth case. Functional Analysis and Its Applications, 1990, 24, 86-96.	0.4	11
5	RANDOM PROCESSES GENERATED BY A HYPERBOLIC SEQUENCE OF MAPPINGS. I. Izvestiya Mathematics, 1995, 44, 247-279.	0.6	10
6	On t -entropy and variational principle for the spectral radius of weighted shift operators. Ergodic Theory and Dynamical Systems, 2010, 30, 1331-1342.	0.6	5
7	Spectral Potential, Kullback Action, and Large Deviations of Empirical Measures on Measurable Spaces. Theory of Probability and Its Applications, 2015, 59, 535-544.	0.3	5
8	Topological equivalence of germs of functions. Mathematical Notes, 1984, 35, 306-310.	0.4	4
9	A DIRECT METHOD OF CONSTRUCTING AN INVARIANT MEASURE ON A HYPERBOLIC ATTRACTOR. Izvestiya Mathematics, 1993, 41, 207-227.	0.6	4
10	Cramér Asymptotics in a System with Slow and Fast Markovian Motions. Theory of Probability and Its Applications, 2000, 44, 1-17.	0.3	4
11	Spectra of Operators Associated with Dynamical Systems: From Ergodicity to the Duality Principle. World Scientific Monograph Series in Mathematics, 2005, , 129-161.	0.1	4
12	RANDOM PROCESSES GENERATED BY A HYPERBOLIC SEQUENCE OF MAPPINGS. II. Izvestiya Mathematics, 1995, 44, 617-627.	0.6	3
13	Positive processes. Ergodic Theory and Dynamical Systems, 2007, 27, 639.	0.6	3
14	A New Definition of t -Entropy for Transfer Operators. Entropy, 2017, 19, 573.	2.2	3
15	Averaging along a Markov chain. Functional Analysis and Its Applications, 1996, 30, 42-44.	0.4	2
16	First and second order optimality conditions for vector optimization problems on metric spaces. Proceedings of the Steklov Institute of Mathematics, 2010, 269, 28-39.	0.3	2
17	The Kullback-Leibler Information Function for Infinite Measures. Entropy, 2016, 18, 448.	2.2	2
18	Entropy statistic theorem and variational principle for t -entropy are equivalent. Journal of Mathematical Analysis and Applications, 2019, 474, 59-71.	1.0	2

#	ARTICLE	IF	CITATIONS
19	The McMillan Theorem for Colored Branching Processes and Dimensions of Random Fractals. Entropy, 2014, 16, 6624-6653.	2.2	1
20	Information Meaning of Entropy of Nonergodic Measures. Differential Equations, 2019, 55, 294-302.	0.7	1
21	Packing dimensions of basins generated by distributions on a finite alphabet. Zhurnal Belorusskogo Gosudarstvennogo Universiteta Matematika Informatika, 2021, , 6-16.	0.2	1
22	On the transversality of mappings, pre-images of mappings, and the representation of sets of degenerate matrices as images. Russian Mathematical Surveys, 1987, 42, 271-272.	0.6	0
23	Riesz theorem for positive multilinear functions. Mathematical Notes, 2012, 92, 570-573.	0.4	0
24	Sup-Sums Principles for F-Divergence and a New Definition for t-Entropy. Journal of Theoretical Probability, 2020, , 1.	0.8	0
25	Packing dimensions of basins in the space of sequences. , 2020, 64, 263-267.	0.1	0