

# Victor Bakhtin

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Packing dimensions of basins generated by distributions on a finite alphabet. Zhurnal Belorusskogo Gosudarstvennogo Universiteta Matematika Informatika, 2021, , 6-16.	0.2	1
2	Sup-Sums Principles for F-Divergence and a New Definition for t-Entropy. Journal of Theoretical Probability, 2020, , 1.	0.8	0
3	Packing dimensions of basins in the space of sequences. , 2020, 64, 263-267.	0.1	0
4	Information Meaning of Entropy of Nonergodic Measures. Differential Equations, 2019, 55, 294-302.	0.7	1
5	Entropy statistic theorem and variational principle for t-entropy are equivalent. Journal of Mathematical Analysis and Applications, 2019, 474, 59-71.	1.0	2
6	A New Definition of t-Entropy for Transfer Operators. Entropy, 2017, 19, 573.	2.2	3
7	The Kullback-Leibler Information Function for Infinite Measures. Entropy, 2016, 18, 448.	2.2	2
8	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
9	The McMillan Theorem for Colored Branching Processes and Dimensions of Random Fractals. Entropy, 2014, 16, 6624-6653.	2.2	1
10	Riesz theorem for positive multilinear functions. Mathematical Notes, 2012, 92, 570-573.	0.4	0
11	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
12	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
13	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
14	Positive processes. Ergodic Theory and Dynamical Systems, 2007, 27, 639.	0.6	3
15	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
16	Diffusion approximation for slow motion in fully coupled averaging. Probability Theory and Related Fields, 2004, 129, 157-181.	1.8	37
17	Cramér Asymptotics in a System with Slow and Fast Markovian Motions. Theory of Probability and Its Applications, 2000, 44, 1-17.	0.3	4
18	Averaging along a Markov chain. Functional Analysis and Its Applications, 1996, 30, 42-44.	0.4	2

#	ARTICLE	IF	CITATIONS
19	RANDOM PROCESSES GENERATED BY A HYPERBOLIC SEQUENCE OF MAPPINGS. II. Izvestiya Mathematics, 1995, 44, 617-627.	0.6	3
20	RANDOM PROCESSES GENERATED BY A HYPERBOLIC SEQUENCE OF MAPPINGS. I. Izvestiya Mathematics, 1995, 44, 247-279.	0.6	10
21	A DIRECT METHOD OF CONSTRUCTING AN INVARIANT MEASURE ON A HYPERBOLIC ATTRACTOR. Izvestiya Mathematics, 1993, 41, 207-227.	0.6	4
22	Weierstrass-malgrange preparation theorem in the finitely smooth case. Functional Analysis and Its Applications, 1990, 24, 86-96.	0.4	11
23	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
24	Averaging in multifrequency systems. Functional Analysis and Its Applications, 1986, 20, 83-88.	0.4	24
25	Topological equivalence of germs of functions. Mathematical Notes, 1984, 35, 306-310.	0.4	4