Svetlana Katok

List of Publications by Year
in descending order

19 papers	256 citations	1040056 9 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	72 citing authors

#	Article	IF	Citations
1	Structure of attractors for boundary maps associated to Fuchsian groups. Geometriae Dedicata, 2017, 191, 171-198.	0.3	5
2	The Fried Average Entropy and Slow Entropy for Actions of Higher Rank Abelian Groups. Geometric and Functional Analysis, 2014, 24, 1204-1228.	1.8	11
3	Applications of (a,b)-continued fraction transformations. Ergodic Theory and Dynamical Systems, 2012, 32, 739-761.	0.6	11
4	Theory of (a,b)-continued fraction transformations and applications. Electronic Research Announcements in Mathematical Sciences, 2010, 17, 20-33.	0.6	4
5	Structure of attractors for (a,b)-continued fraction transformations. Journal of Modern Dynamics, 2010, 4, 637-691.	0.5	16
6	Symbolic dynamics for the modular surface and beyond. Bulletin of the American Mathematical Society, 2006, 44, 87-133.	1.5	43
7	Higher cohomology for abelian groups of toral automorphisms II: the partially hyperbolic case, and corrigendum. Ergodic Theory and Dynamical Systems, 2005, 25, 1909.	0.6	18
8	Livshitz theorem for the unitary frame flow. Ergodic Theory and Dynamical Systems, 2004, 24, 127-140.	0.6	2
9	Spanning sets for automorphic forms and dynamics of the frame flow on complex hyperbolic spaces. Ergodic Theory and Dynamical Systems, 2001, 21, .	0.6	7
10	Coding of closed geodesics after Gauss and morse. Geometriae Dedicata, 1996, 63, 123.	0.3	43
11	Higher cohomology for Abelian groups of toral automorphisms. Ergodic Theory and Dynamical Systems, 1995, 15, 569-592.	0.6	33
12	ELLIPTIC OPERATORS AND SOLUTIONS OF COHOMOLOGICAL EQUATIONS FOR GEODESIC FLOWS WITH HYPERBOLIC BEHAVIOR. International Journal of Mathematics, 1991, 02, 701-709.	0.5	0
13	Approximate solutions of cohomological equations associated with some Anosov flows. Ergodic Theory and Dynamical Systems, 1990, 10, 367-379.	0.6	8
14	Finite spanning sets for cusp forms and a related geometric result.. Journal Fur Die Reine Und Angewandte Mathematik, 1989, 1989, 186-195.	0.9	2
15	Reduction theory for Fuchsian groups. Mathematische Annalen, 1986, 273, 461-470.	1.4	5
16	Closed geodesics, periods and arithmetic of modular forms. Inventiones Mathematicae, 1985, 80, 469-480.	2.5	34
17	Modular forms associated to closed geodesics and arithmetic applications. Bulletin of the American Mathematical Society, 1984, 11, 177-180.	1.5	10
18	Flexibility of measure-theoretic entropy of boundary maps associated to Fuchsian groups. Ergodic Theory and Dynamical Systems, 0, , 1-13.	0.6	2

#	Article	IF	Citations
19	Rigidity and flexibility of entropies of boundary maps associated to Fuchsian groups. , 0, 3, 1-19.		0