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	Coding of closed geodesics after Gauss and morse. Geometriae Dedicata, 1996, 63, 123.	0.3	43
2	Symbolic dynamics for the modular surface and beyond. Bulletin of the American Mathematical Society, 2006, 44, 87-133.	1.5	43
3	Closed geodesics, periods and arithmetic of modular forms. Inventiones Mathematicae, 1985, 80, 469-480.	2.5	34
4	Higher cohomology for Abelian groups of toral automorphisms. Ergodic Theory and Dynamical Systems, 1995, 15, 569-592.	0.6	33
5	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
6	Structure of attractors for (a,b)-continued fraction transformations. Journal of Modern Dynamics, 2010, 4, 637-691.	0.5	16
7	Applications of (a,b)-continued fraction transformations. Ergodic Theory and Dynamical Systems, 2012, 32, 739-761.	0.6	11
8	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
9	Modular forms associated to closed geodesics and arithmetic applications. Bulletin of the American Mathematical Society, 1984, 11, 177-180.	1.5	10
10	Approximate solutions of cohomological equations associated with some Anosov flows. Ergodic Theory and Dynamical Systems, 1990, 10, 367-379.	0.6	8
11	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
12	Reduction theory for Fuchsian groups. Mathematische Annalen, 1986, 273, 461-470.	1.4	5
13	Structure of attractors for boundary maps associated to Fuchsian groups. Geometriae Dedicata, 2017, 191, 171-198.	0.3	5
14	Theory of (a,b)-continued fraction transformations and applications. Electronic Research Announcements in Mathematical Sciences, 2010, 17, 20-33.	0.6	4
15	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
16	Livshitz theorem for the unitary frame flow. Ergodic Theory and Dynamical Systems, 2004, 24, 127-140.	0.6	2
17	Flexibility of measure-theoretic entropy of boundary maps associated to Fuchsian groups. Ergodic Theory and Dynamical Systems, 0, , 1-13.	0.6	2
18	ELLIPTIC OPERATORS AND SOLUTIONS OF COHOMOLOGICAL EQUATIONS FOR GEODESIC FLOWS WITH HYPERBOLIC BEHAVIOR. International Journal of Mathematics, 1991, 02, 701-709.	0.5	0

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