

Guohua Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3223419/publications.pdf>

Version: 2024-02-01

31
papers

527
citations

759233

12
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Local entropy theory for a countable discrete amenable group action. <i>Journal of Functional Analysis</i> , 2011, 261, 1028-1082.	1.4	61
2	A local variational principle for conditional entropy. <i>Ergodic Theory and Dynamical Systems</i> , 2006, 26, 219.	0.6	50
3	Entropy points and applications. <i>Transactions of the American Mathematical Society</i> , 2007, 359, 6167-6186.	0.9	45
4	Dynamical compactness and sensitivity. <i>Journal of Differential Equations</i> , 2016, 260, 6800-6827.	2.2	35
5	Tilings of amenable groups. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2019, 2019, 277-298.	0.9	34
6	Analogues of Auslander-Yorke theorems for multi-sensitivity. <i>Ergodic Theory and Dynamical Systems</i> , 2018, 38, 651-665.	0.6	30
7	Entropy sequences and maximal entropy sets. <i>Nonlinearity</i> , 2006, 19, 53-74.	1.4	29
8	Variational principles of pressure. <i>Discrete and Continuous Dynamical Systems</i> , 2009, 24, 1409-1435.	0.9	27
9	RELATIVE ENTROPY, ASYMPTOTIC PAIRS AND CHAOS. <i>Journal of the London Mathematical Society</i> , 2006, 73, 157-172.	1.0	25
10	On local aspects of topological weak mixing in dimension one and beyond. <i>Studia Mathematica</i> , 2011, 202, 261-288.	0.7	22
11	Relative entropy tuples, relative u.p.e. and c.p.e. extensions. <i>Israel Journal of Mathematics</i> , 2007, 158, 249-283.	0.8	21
12	Weak expansiveness for actions of sofic groups. <i>Journal of Functional Analysis</i> , 2015, 268, 3534-3565.	1.4	14
13	Local variational principle concerning entropy of a sofic group action. <i>Journal of Functional Analysis</i> , 2012, 262, 1954-1985.	1.4	12
14	On weak product recurrence and synchronization of return times. <i>Advances in Mathematics</i> , 2013, 244, 395-412.	1.1	11
15	Topological Aspects of Dynamics of Pairs, Tuples and Sets. , 2014, , 665-709.		11
16	Möbius disjointness for topological models of ergodic systems with discrete spectrum. <i>Journal of Modern Dynamics</i> , 2019, 14, 277-290.	0.5	11
17	Relativization of complexity and sensitivity. <i>Ergodic Theory and Dynamical Systems</i> , 2007, 27, 1349.	0.6	10
18	Lowering topological entropy over subsets. <i>Ergodic Theory and Dynamical Systems</i> , 2010, 30, 181-209.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Local entropy theory of a random dynamical system. <i>Memoirs of the American Mathematical Society</i> , 2015, 233, 0-0.	0.9	9
20	Dimensional entropy over sets and fibres. <i>Nonlinearity</i> , 2011, 24, 2325-2346.	1.4	8
21	Finite Intersection Property and Dynamical Compactness. <i>Journal of Dynamics and Differential Equations</i> , 2018, 30, 1221-1245.	1.9	8
22	Co-induction in dynamical systems. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 32, 919-940.	0.6	7
23	On sets with recurrence properties, their topological structure and entropy. <i>Topology and Its Applications</i> , 2012, 159, 1767-1777.	0.4	6
24	On local aspects of topological weak mixing, sequence entropy and chaos. <i>Ergodic Theory and Dynamical Systems</i> , 2014, 34, 1615-1639.	0.6	6
25	Modeling potential as fiber entropy and pressure as entropy. <i>Ergodic Theory and Dynamical Systems</i> , 2015, 35, 1165-1186.	0.6	5
26	Quasi-graphs, zero entropy and measures with discrete spectrum. <i>Nonlinearity</i> , 2022, 35, 1360-1379.	1.4	5
27	Relativization of dynamical properties. <i>Science China Mathematics</i> , 2012, 55, 913-936.	1.7	4
28	Sub-additive ergodic theorems for countable amenable groups. <i>Journal of Functional Analysis</i> , 2014, 267, 1291-1320.	1.4	3
29	On recurrence over subsets and weak mixing. <i>Pacific Journal of Mathematics</i> , 2015, 277, 399-424.	0.5	3
30	On the dynamics of a 4d local Cournot model. <i>Applied Mathematics and Information Sciences</i> , 2013, 7, 857-865.	0.5	3
31	Lowering topological entropy over subsets revisited. <i>Transactions of the American Mathematical Society</i> , 2014, 366, 4423-4442.	0.9	2