

Ronnie Pavlov

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

421
citations

759233

12
h-index

752698

20
g-index

31
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31
docs citations

31
times ranked

68
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Multidimensional sofic shifts without separation and their factors. Transactions of the American Mathematical Society, 2010, 362, 4617-4653. | 0.9 | 61 |
| 2 | Approximating the hard square entropy constant with probabilistic methods. Annals of Probability, 2012, 40, . | 1.8 | 38 |
| 3 | Entropies realizable by block gluing $\hat{\alpha}, d$ shifts of finite type. Journal D'Analyse Mathematique, 2015, 126, 113-174. | 0.8 | 30 |
| 4 | An integral representation for topological pressure in terms of conditional probabilities. Israel Journal of Mathematics, 2015, 207, 395-433. | 0.8 | 30 |
| 5 | Extender sets and multidimensional subshifts. Ergodic Theory and Dynamical Systems, 2016, 36, 908-923. | 0.6 | 25 |
| 6 | Representation and Poly-time Approximation for Pressure of \mathbb{Z}^2 Lattice Models in the Non-uniqueness Region. Journal of Statistical Physics, 2016, 162, 1031-1067. | 1.2 | 23 |
| 7 | Factoring onto \mathbb{Z}^d subshifts with the finite extension property. Proceedings of the American Mathematical Society, 2018, 146, 5129-5140. | 0.8 | 23 |
| 8 | Factor maps and embeddings for random $\hat{\alpha}, d$ shifts of finite type. Israel Journal of Mathematics, 2019, 230, 239-273. | 0.8 | 20 |
| 9 | On intrinsic ergodicity and weakenings of the specification property. Advances in Mathematics, 2016, 295, 250-270. | 1.1 | 19 |
| 10 | Independence entropy of \mathbb{Z}^d -shift spaces. Acta Applicandae Mathematicae, 2013, 126, 297-317. | 1.0 | 17 |
| 11 | Approximating entropy for a class of $\hat{\alpha}, ²$ Markov random fields and pressure for a class of functions on $\hat{\alpha}, ²$ shifts of finite type. Ergodic Theory and Dynamical Systems, 2013, 33, 186-220. | 0.6 | 15 |
| 12 | Computing Bounds for Entropy of Stationary \mathbb{Z}^d Markov Random Fields. SIAM Journal on Discrete Mathematics, 2013, 27, 1544-1558. | 0.8 | 14 |
| 13 | One-dimensional Markov random fields, Markov chains and topological Markov fields. Proceedings of the American Mathematical Society, 2013, 142, 227-242. | 0.8 | 13 |
| 14 | Classification of sofic projective subdynamics of multidimensional shifts of finite type. Transactions of the American Mathematical Society, 2015, 367, 3371-3421. | 0.9 | 13 |
| 15 | Subsystems of transitive subshifts with linear complexity. Ergodic Theory and Dynamical Systems, 0, , 1-27. | 0.6 | 13 |
| 16 | On independence and entropy for high-dimensional isotropic subshifts. Proceedings of the London Mathematical Society, 2014, 109, 921-945. | 1.3 | 11 |
| 17 | Perturbations of multidimensional shifts of finite type. Ergodic Theory and Dynamical Systems, 2011, 31, 483-526. | 0.6 | 9 |
| 18 | Some counterexamples in topological dynamics. Ergodic Theory and Dynamical Systems, 2008, 28, 1291-1322. | 0.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A class of nonsofic multidimensional shift spaces. Proceedings of the American Mathematical Society, 2012, 141, 987-996. | 0.8 | 8 |
| 20 | Strong Spatial Mixing in Homomorphism Spaces. SIAM Journal on Discrete Mathematics, 2017, 31, 2110-2137. | 0.8 | 7 |
| 21 | One-sided almost specification and intrinsic ergodicity. Ergodic Theory and Dynamical Systems, 2019, 39, 2456-2480. | 0.6 | 6 |
| 22 | Extender sets and measures of maximal entropy for subshifts. Journal of the London Mathematical Society, 2019, 100, 1013-1033. | 1.0 | 5 |
| 23 | Shifts of finite type with nearly full entropy. Proceedings of the London Mathematical Society, 2014, 108, 103-132. | 1.3 | 3 |
| 24 | Random \mathbb{Z}^d -shifts of finite type. Journal of Modern Dynamics, 2016, 10, 287-330. | 0.5 | 3 |
| 25 | Local finiteness and automorphism groups of low complexity subshifts. Ergodic Theory and Dynamical Systems, 2023, 43, 1980-2001. | 0.6 | 3 |
| 26 | A characterization of topologically completely positive entropy for shifts of finite type. Ergodic Theory and Dynamical Systems, 2014, 34, 2054-2065. | 0.6 | 2 |
| 27 | Topologically completely positive entropy and zero-dimensional topologically completely positive entropy. Ergodic Theory and Dynamical Systems, 2018, 38, 1894-1922. | 0.6 | 1 |
| 28 | On subshifts with slow forbidden word growth. Ergodic Theory and Dynamical Systems, 2022, 42, 1487-1516. | 0.6 | 1 |
| 29 | On intrinsic ergodicity of factors of subshifts. Ergodic Theory and Dynamical Systems, 2017, 37, 621-645. | 0.6 | 0 |
| 30 | Follower, predecessor, and extender entropies. Monatshefte Fur Mathematik, 2019, 188, 495-510. | 0.9 | 0 |
| 31 | Ubiquity of entropies of intermediate factors. Journal of the London Mathematical Society, 2021, 104, 865-885. | 1.0 | 0 |