

# Antti Käränenmäki

## List of Publications by Year in descending order

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27  
papers

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citations

933447

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794594

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g-index

27  
all docs

27  
docs citations

27  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimensions, Whitney covers, and tubular neighborhoods. Indiana University Mathematics Journal, 2013, 62, 1861-1889.	0.9	63
2	Equilibrium states of the pressure function for products of matrices. Discrete and Continuous Dynamical Systems, 2011, 30, 699-708.	0.9	33
3	Existence of doubling measures via generalised nested cubes. Proceedings of the American Mathematical Society, 2012, 140, 3275-3281.	0.8	32
4	Dimension and measures on sub-self-affine sets. Monatshefte Fur Mathematik, 2010, 161, 271-293.	0.9	29
5	Packing dimension and Ahlfors regularity of porous sets in metric spaces. Mathematische Zeitschrift, 2010, 266, 83-105.	0.9	27
6	Overlapping self-affine sets of Keakeya type. Ergodic Theory and Dynamical Systems, 2009, 29, 941-965.	0.6	23
7	Weak separation condition, Assouad dimension, and Furstenberg homogeneity. Annales Academiae Scientiarum Fennicae Mathematica, 2016, 41, 465-490.	0.7	23
8	Multifractal analysis of Birkhoff averages for typical infinitely generated self-affine sets. Journal of Fractal Geometry, 2014, 1, 83-152.	0.7	22
9	Separation conditions on controlled Moran constructions. Fundamenta Mathematicae, 2008, 200, 69-100.	0.5	20
10	Rigidity of Quasisymmetric Mappings on Self-affine Carpets. International Mathematics Research Notices, 2018, 2018, 3769-3799.	1.0	15
11	Local dimensions in Moran constructions. Nonlinearity, 2016, 29, 807-822.	1.4	12
12	Local structure of self-affine sets. Ergodic Theory and Dynamical Systems, 2013, 33, 1326-1337.	0.6	11
13	Self-conformal sets with positive Hausdorff measure. Bulletin of the London Mathematical Society, 2020, 52, 200-223.	0.8	10
14	Measures with predetermined regularity and inhomogeneous self-similar sets. Arkiv for Matematik, 2017, 55, 165-184.	0.5	10
15	Upper conical density results for general measures on $\mathbb{R}^n$ . Proceedings of the Edinburgh Mathematical Society, 2010, 53, 311-331.	0.3	9
16	Structure of equilibrium states on self-affine sets and strict monotonicity of affinity dimension. Proceedings of the London Mathematical Society, 2018, 116, 929-956.	1.3	9
17	Dimension of self-affine sets for fixed translation vectors. Journal of the London Mathematical Society, 2018, 98, 223-252.	1.0	7
18	Domination, almost additivity, and thermodynamic formalism for planar matrix cocycles. Israel Journal of Mathematics, 2020, 239, 173-214.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Dimensions of random affine code tree fractals. Ergodic Theory and Dynamical Systems, 2014, 34, 854-875.	0.6	6
20	Dynamics of the scenery flow and geometry of measures. Proceedings of the London Mathematical Society, 2015, 110, 1248-1280.	1.3	5
21	Self-affine sets with fibred tangents. Ergodic Theory and Dynamical Systems, 2017, 37, 1915-1934.	0.6	5
22	Local multifractal analysis in metric spaces. Nonlinearity, 2013, 26, 2157-2173.	1.4	4
23	Structure of distributions generated by the scenery flow. Journal of the London Mathematical Society, 2015, 91, 464-494.	1.0	4
24	A note on correlation and local dimensions. Chaos, Solitons and Fractals, 2017, 97, 39-43.	5.1	3
25	Genericity of dimension drop on self-affine sets. Statistics and Probability Letters, 2017, 126, 18-25.	0.7	3
26	On the Hausdorff dimension of microsets. Proceedings of the American Mathematical Society, 2019, 147, 4921-4936.	0.8	3
27	Birkhoff and Lyapunov Spectra on Planar Self-affine Sets. International Mathematics Research Notices, 2021, 2021, 7966-8005.	1.0	1