Elvira Mayordomo CÃ¡mara

List of Publications by Year
in descending order

52 papers	724 citations	687363 13 h-index	580821 25 g-index
56 all docs	56 docs citations	56 times ranked	200 citing authors

#	Article	IF	Citations
1	Algorithmic Fractal Dimensions in Geometric Measure Theory. Theory and Applications of Computability, 2021, , 271-302.	1.3	2
2	Computing absolutely normal numbers in nearly linear time. Information and Computation, 2021, , 104746.	0.7	0
3	Asymptotic Divergences and Strong Dichotomy. IEEE Transactions on Information Theory, 2021, 67, 6296-6305.	2.4	1
4	Analysis of the Influence of Diffeomorphic Normalization in the Prediction of Stable VS Progressive MCI Conversion with Convolutional Neural Networks. , 2020, , .		5
5	Resource-Bounded Measure and Randomness. , 2019, , 1-47.		11
6	Evolution of GWAS results through ADNI cohorts. , 2018, , .		0
7	Effective Hausdorff Dimension in General Metric Spaces. Theory of Computing Systems, 2018, 62, 1620-1636.	1.1	5
8	Machine learning classifier for identification of damaging missense mutations exclusive to human mitochondrial DNA-encoded polypeptides. BMC Bioinformatics, 2017, 18, 158.	2.6	27
9	Bounded Pushdown Dimension vs Lempel Ziv Information Density. Lecture Notes in Computer Science, 2017, , 95-114.	1.3	0
10	Conservation in mitochondrial DNA: Parallelized estimation and alignment influence. , 2015, , .		1
11	Computability in Europe 2010. Journal of Logic and Computation, 2015, 25, 983-985.	0.8	0
12	PhyloFlow: A fully customizable and automatic workflow for phylogenetic reconstruction. , 2014, , .		2
13	Dimension spectra of random subfractals of self-similar fractals. Annals of Pure and Applied Logic, 2014, 165, 1707-1726.	0.5	11
14	Dimension Is Compression. Theory of Computing Systems, 2013, 52, 95-112.	1.1	2
15	Base invariance of feasible dimension. Information Processing Letters, 2013, 113, 546-551.	0.6	2
16	Conference on Computability, Complexity and Randomness, Isaac Newton Institute, Cambridge, UK, July 2â€“6, 2012. Bulletin of Symbolic Logic, 2013, 19, 135-136.	0.2	0
17	Inseparability and Strong Hypotheses for Disjoint NP Pairs. Theory of Computing Systems, 2012, 51, 229-247.	1.1	2
18	Programs, Proofs, Processes. Theory of Computing Systems, 2012, 51, 267-269.	1.1	0

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19	Computability in Europe 2010. Annals of Pure and Applied Logic, 2012, 163, 621-622.	0.5	0
20	Curves that must be retraced. Information and Computation, 2011, 209, 992-1006.	0.7	6
21	Polylog Space Compression, Pushdown Compression, and Lempel-Ziv Are Incomparable. Theory of Computing Systems, 2011, 48, 731-766.	1.1	4
22	Rebooting the human mitochondrial phylogeny: an automated and scalable methodology with expert knowledge. BMC Bioinformatics, 2011, 12, 174.	2.6	15
23	Workflows with Model Selection: A Multilocus Approach to Phylogenetic Analysis. Advances in Intelligent and Soft Computing, 2011, , 39-47.	0.2	2
24	Scalable Phylogenetics through Input Preprocessing. Advances in Intelligent and Soft Computing, 2010, , 123-130.	0.2	2
25	Computation and Logic in the Real World: CiE 2007. Theory of Computing Systems, 2009, 45, 647-649.	1.1	0
26	Polylog Space Compression Is Incomparable with Lempel-Ziv and Pushdown Compression. Lecture Notes in Computer Science, 2009, , 633-644.	1.3	1
27	ZARAMIT: A System for the Evolutionary Study of Human Mitochondrial DNA. Lecture Notes in Computer Science, 2009, , 1139-1142.	1.3	5
28	Scaled Dimension and the Kolmogorov Complexity of Turing-Hard Sets. Theory of Computing Systems, 2008, 43, 471-497.	1.1	1
29	Dimensions of Points in Self-Similar Fractals. SIAM Journal on Computing, 2008, 38, 1080-1112.	1.0	36
30	Effective Fractal Dimension in Algorithmic Information Theory. , 2008, , 259-285.		8
31	Dimensions of Points in Self-similar Fractals. Lecture Notes in Computer Science, 2008, , 215-224.	1.3	2
32	Effective Strong Dimension in Algorithmic Information and Computational Complexity. SIAM Journal on Computing, 2007, 37, 671-705.	1.0	69
33	Points on Computable Curves. , 2006, , .		10
34	Two Open Problems on Effective Dimension. Lecture Notes in Computer Science, 2006, , 353-359.	1.3	0
35	Weakly useful sequences. Information and Computation, 2005, 197, 41-54.	0.7	2
36	Zeta-Dimension. Lecture Notes in Computer Science, 2005, , 283-294.	1.3	18

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37	Dimension Is Compression. Lecture Notes in Computer Science, 2005, , 676-685.	1.3	8
38	Finite-state dimension. Theoretical Computer Science, 2004, 310, 1-33.	0.9	70
39	Scaled dimension and nonuniform complexity. Journal of Computer and System Sciences, 2004, 69, 97-122.	1.2	26
40	Effective Strong Dimension in Algorithmic Information and Computational Complexity. Lecture Notes in Computer Science, 2004, , 632-643.	1.3	21
41	Scaled Dimension and the Kolmogorov Complexity of Turing-Hard Sets. Lecture Notes in Computer Science, 2004, , 476-487.	1.3	2
42	Effective Hausdorff dimension. , 2004, , 171-186.		0
43	A Kolmogorov complexity characterization of constructive Hausdorff dimension. Information Processing Letters, 2002, 84, 1-3.	0.6	113
44	An Excursion to the Kolmogorov Random Strings. Journal of Computer and System Sciences, 1997, 54, 393-399.	1.2	16
45	Cook versus Karp-Levin: Separating completeness notions if NP is not small. Theoretical Computer Science, 1996, 164, 141-163.	0.9	67
46	On the robustness of ALMOST-$mathcal {R}$. RAIRO - Theoretical Informatics and Applications, 1996, 30, 123-133.	0.5	3
47	Weakly useful sequences. Lecture Notes in Computer Science, 1995, , 393-404.	1.3	4
48	A Note on polynomial-size circuits with low resource-bounded Kolmogorov complexity. Mathematical Systems Theory, 1994, 27, 347-356.	0.5	5
49	Almost every set in exponential time is P-bi-immune. Theoretical Computer Science, 1994, 136, 487-506.	0.9	69
50	Measure, Stochasticity, and the Density of Hard Languages. SIAM Journal on Computing, 1994, 23, 762-779.	1.0	57
51	Almost every set in exponential time is P-bi-immune. Lecture Notes in Computer Science, 1992, , 392-400.	1.3	10
52	Effective dimension in some general metric spaces. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 143, 67-75.	0.8	0