

Gonzalo Travieso

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,774
citations

933447

10
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

2637
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing parallel algorithms for van der waals energy with cell-list technique for protein structure prediction. Brazilian Journal of Development, 2019, 5, 7541-7568.	0.1	0
2	Community detection in networks using self-avoiding random walks. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 1046-1055.	2.6	10
3	A complex network approach to cloud computing. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 023402.	2.3	2
4	Analyzing complex networks through correlations in centrality measurements. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05030.	2.3	29
5	Asymmetry and irregularity border as discrimination factor between melanocytic lesions. , 2015, , .		2
6	A quantitative approach to painting styles. Physica A: Statistical Mechanics and Its Applications, 2015, 417, 110-129.	2.6	7
7	A Systematic Comparison of Supervised Classifiers. PLoS ONE, 2014, 9, e94137.	2.5	162
8	Enhanced Van der Waals calculations in genetic algorithms for protein structure prediction. Concurrency Computation Practice and Experience, 2013, 25, 2170-2186.	2.2	1
9	Predicting efficiency in master-slave grid computing systems. Journal of Complex Networks, 2013, 1, 63-71.	1.8	3
10	Evaluating links through spectral decomposition. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P01015.	2.3	0
11	A quantitative approach to evolution of music and philosophy. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P08010.	2.3	4
12	Analyzing and modeling real-world phenomena with complex networks: a survey of applications. Advances in Physics, 2011, 60, 329-412.	14.4	532
13	Effective networks for real-time distributed processing. Journal of Systems Science and Complexity, 2011, 24, 39-50.	2.8	2
14	On the efficiency of data representation on the modeling and characterization of complex networks. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2172-2180.	2.6	1
15	Optimizing van der Waals calculi using Cell-lists and MPI. , 2010, , .		4
16	A HIGH PERFORMANCE 3D EXACT EUCLIDEAN DISTANCE TRANSFORM ALGORITHM FOR DISTRIBUTED COMPUTING. International Journal of Pattern Recognition and Artificial Intelligence, 2010, 24, 897-915.	1.2	9
17	Sensitivity of complex networks measurements. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P03009.	2.3	9
18	HieraAnalyses – a tool for hierarchical analysis of parallel programs. International Journal of High Performance Systems Architecture, 2009, 2, 58.	0.3	0

#	ARTICLE	IF	CITATIONS
19	ON THE EFFECTS OF GEOGRAPHICAL CONSTRAINTS ON TASK EXECUTION IN COMPLEX NETWORKS. International Journal of Modern Physics C, 2008, 19, 847-853.	1.7	3
20	Border trees of complex networks. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224005.	2.1	10
21	Chain motifs: The tails and handles of complex networks. Physical Review E, 2008, 77, 026106.	2.1	15
22	FAST COMMUNITY IDENTIFICATION BY HIERARCHICAL GROWTH. International Journal of Modern Physics C, 2007, 18, 937-947.	1.7	8
23	Analyzing trails in complex networks. Physical Review E, 2007, 76, 046106.	2.1	6
24	Exploring complex networks through random walks. Physical Review E, 2007, 75, 016102.	2.1	63
25	Characterization of complex networks: A survey of measurements. Advances in Physics, 2007, 56, 167-242.	14.4	1,829
26	The OOPS framework. , 2006, , .		1
27	Protein domain connectivity and essentiality. Applied Physics Letters, 2006, 89, 174101.	3.3	8
28	Spread of opinions and proportional voting. Physical Review E, 2006, 74, 036112.	2.1	35
29	Complex grid computing. European Physical Journal B, 2005, 44, 119-128.	1.5	12
30	STRENGTH DISTRIBUTION IN DERIVATIVE NETWORKS. International Journal of Modern Physics C, 2005, 16, 1097-1105.	1.7	4
31	Fundamentals of neural networks. Neurocomputing, 1996, 10, 205-207.	5.9	0
32	Parallel computing: A case study. Computer Physics Communications, 1989, 56, 63-67.	7.5	2
33	A simple mechanism to deal with sequential code in dataflow architectures. , 0, , .		1
34	Simulating semiconductor spectra emissions in a PC cluster. , 0, , .		0
35	Parallel implementation of a lattice-gauge-theory code: studying quark confinement on PC clusters. , 0, , .		0