

# Angelo Corana

## List of Publications by Year in descending order

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31  
papers

1,640  
citations

1039406

9  
h-index

676716

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality of Service on Grid: architectural and methodological issues. Concurrency Computation Practice and Experience, 2011, 23, 745-766.	1.4	8
2	Jobâ€‘resource matchmaking on Grid through two-level benchmarking. Future Generation Computer Systems, 2010, 26, 1165-1179.	4.9	20
3	Performance Based Matchmaking on Grid. Lecture Notes in Computer Science, 2010, , 174-183.	1.0	0
4	Grid Services for 3D Data Analysis in Virtual Laboratories. Signals and Communication Technology, 2009, , 481-498.	0.4	2
5	A Performance-Based Methodology to Improve Grid Exploitation. Lecture Notes in Computer Science, 2009, , 43-55.	1.0	0
6	A Distributed Approach for Structured Resource Discovery on Grid. , 2008, , .		3
7	Resource Selection and Application Execution in a Grid: A Migration Experience from GT2 to GT4. Lecture Notes in Computer Science, 2006, , 1132-1142.	1.0	9
8	Most probable dimension value and most flat interval methods for automatic estimation of dimension from time series. Chaos, Solitons and Fractals, 2004, 20, 779-790.	2.5	14
9	Computing long- and short-range interactions with ring-based algorithms on homogeneous and heterogeneous systems. , 2003, , .		0
10	Ring Algorithms on Heterogeneous Clusters with PVM: Performance Analysis and Modeling. Lecture Notes in Computer Science, 2003, , 98-107.	1.0	0
11	PORTING REGULAR APPLICATIONS ON HETEROGENEOUS WORKSTATION NETWORKS: PERFORMANCE ANALYSIS AND MODELING. International Journal of Parallel, Emergent and Distributed Systems, 2002, 17, 205-226.	0.4	0
12	Using the pointwise dimension to filter time series. Chaos, Solitons and Fractals, 2002, 14, 1477-1485.	2.5	2
13	A posteriori tests to validate dimension estimates from time series. Chaos, Solitons and Fractals, 2000, 11, 2017-2030.	2.5	10
14	Adaptive box-assisted algorithm for correlation-dimension estimation. Physical Review E, 2000, 62, 7872-7881.	0.8	6
15	Parallel computation of the correlation dimension from a time series. Parallel Computing, 1999, 25, 639-666.	1.3	9
16	Modeling performance of heterogeneous parallel computing systems. Parallel Computing, 1999, 25, 1131-1145.	1.3	22
17	Computing the correlation dimension on a network of workstations. Concurrency and Computation: Practice and Experience, 1998, 10, 737-762.	0.6	5
18	Performance analysis of SPMD algorithms on a network of workstations with virtual shared memory. Advances in Parallel Computing, 1998, 12, 657-664.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Performance analysis of task-based algorithms on heterogeneous systems with message passing. Lecture Notes in Computer Science, 1998, , 11-18.	1.0	6
20	DIMENSIONAL ANALYSIS OF THE ELECTRICAL ACTIVITY IN FIBRILLATING ISOLATED HEARTS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 1547-1561.	0.7	16
21	A parallel approach to compute the Kolmogorov entropy from a time series. Lecture Notes in Computer Science, 1995, , 748-753.	1.0	0
22	An optimized direct algorithm to estimate the Kolmogorov entropy from a time series. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 207, 77-82.	0.9	2
23	Correlation dimension estimation from electrocardiograms. Chaos, Solitons and Fractals, 1995, 5, 713-726.	2.5	22
24	Efficient computation of the correlation dimension from a time series on a LIW computer. Parallel Computing, 1991, 17, 809-820.	1.3	23
25	Corrigenda: "Minimizing Multimodal Functions of Continuous Variables with the 'Simulated Annealing' Algorithm" Full text of the original article is available here. ACM Transactions on Mathematical Software, 1989, 15, 287.	1.6	7
26	Solving linear equation systems on vector computers with maximum efficiency. Parallel Computing, 1988, 8, 133-139.	1.3	2
27	Minimizing multimodal functions of continuous variables with the "simulated annealing" algorithm" Corrigenda for this article is available here. ACM Transactions on Mathematical Software, 1987, 13, 262-280.	1.6	1,392
28	Open-circuited coaxial lines as standards for microwave measurements. Electronics Letters, 1980, 16, 373.	0.5	23
29	Evaluation of Errors in Calibration Procedures for Measurements of Reflection Coefficient. IEEE Transactions on Instrumentation and Measurement, 1978, 27, 354-358.	2.4	27
30	Study of the Lyapunov exponents of ECG signals from MIT-BIH database. , 0, , .		8
31	On the correlation dimension of ECG signals. , 0, , .		0