

# Gerassimos Barlas

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

680  
citations

686830

13  
h-index

752256

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of home and ambulatory blood pressure variability with left ventricular mass index in chronic kidney disease patients. Hypertension Research, 2021, 44, 55-62.	1.5	10
2	Parallel algorithms for reducing derivation time of distinguishing experiments for nondeterministic finite state machines. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 197-210.	0.7	4
3	Closed-Form Solutions for Dense Matrix-Matrix Multiplication on Heterogeneous Platforms Using Divisible Load Analysis. , 2018, , .		3
4	GPU and Multiprocessing Parallel Implementations for the Elimination of Finite State Machine Mutants. , 2018, , .		0
5	Parallel implementation for deriving preset distinguishing experiments of nondeterministic finite state machines. , 2017, , .		3
6	Multicore and parallel program design. , 2015, , 27-54.		0
7	Shared-memory programming. , 2015, , 165-238.		1
8	The Thrust template library. , 2015, , 527-573.		3
9	Load balancing. , 2015, , 575-628.		0
10	Shared-memory programming. , 2015, , 55-163.		0
11	Distributed memory programming. , 2015, , 239-390.		0
12	Cluster-based optimized parallel video transcoding. Parallel Computing, 2012, 38, 226-244.	1.3	60
13	An Analytical Approach to the Design of Parallel Block Cipher Encryption/Decryption: A CPU/GPU Case Study. , 2011, , .		13
14	Time rate of blood pressure variation is superior to central hemodynamics as an associate of carotid intima-media thickness. Journal of Hypertension, 2010, 28, 51-58.	0.3	25
15	An Analytical Approach to Optimizing Parallel Image Registration/Retrieval. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1074-1088.	4.0	18
16	A GA-based movie-on-demand platform using multiple distributed servers. Multimedia Tools and Applications, 2008, 40, 361-383.	2.6	13
17	Comparison of noninvasive oscillometric and intra-arterial blood pressure measurements in hyperacute stroke. Blood Pressure Monitoring, 2007, 12, 149-156.	0.4	64
18	Optimizing Image Content-Based Query Applications over High Latency Communication Media. Parallel, Distributed and Network-based Processing, Proceedings of the Euromicro Workshop on, 2007, , .	0.0	1

#	ARTICLE	IF	CITATIONS
19	Impact of the time rate of blood pressure variation on left ventricular mass. Journal of Hypertension, 2006, 24, 2071-2077.	0.3	48
20	VoD on steroids : Optimized content delivery using distributed video servers over best-effort Internet. Journal of Parallel and Distributed Computing, 2005, 65, 1057-1071.	2.7	6
21	Design and performance evaluation of load distribution strategies for multiple divisible loads on heterogeneous linear daisy chain networks. Journal of Parallel and Distributed Computing, 2005, 65, 1558-1577.	2.7	13
22	Time Rate of Blood Pressure Variation Is Associated With Increased Common Carotid Artery Intima-Media Thickness. Hypertension, 2005, 45, 505-512.	1.3	187
23	Optimized distributed delivery of continuous-media documents over unreliable communication links. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 982-994.	4.0	18
24	Quantized load distribution for tree and bus-connected processors. Parallel Computing, 2004, 30, 841-865.	1.3	8
25	Optimizing Continuous Media Delivery by Multiple Distributed Servers to Multiple Clients Using a Genetic Algorithm. Lecture Notes in Computer Science, 2004, , 282-294.	1.0	1
26	Title is missing!. Cluster Computing, 2003, 6, 63-74.	3.5	15
27	Efficient Scheduling Strategies for Processing Multiple Divisible Loads on Bus Networks. Journal of Parallel and Distributed Computing, 2002, 62, 132-151.	2.7	34
28	Access Time Minimization for Distributed Multimedia Applications. Multimedia Tools and Applications, 2000, 12, 235-256.	2.6	32
29	Collection-aware optimum sequencing of operations and closed-form solutions for the distribution of a divisible load on arbitrary processor trees. IEEE Transactions on Parallel and Distributed Systems, 1998, 9, 429-441.	4.0	81
30	A novel family of compression algorithms for ECG and other semiperiodical, one-dimensional, biomedical signals. IEEE Transactions on Biomedical Engineering, 1996, 43, 820-828.	2.5	19