

Geoffrey Fox

List of Publications by Year in descending order

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75
papers

3,488
citations

933447

10
h-index

752698

20
g-index

78
all docs

78
docs citations

78
times ranked

2048
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of Clustering and Multidimensional Scaling to Determine Phylogenetic Trees as Spherical Phylograms Visualized in 3 Dimensions. , 2014, , .		7
2	Parallel deterministic annealing clustering and its application to LC-MS data analysis. , 2013, , .		5
3	A Robust and Scalable Solution for Interpolative Multidimensional Scaling with Weighting. , 2013, , .		10
4	ROBUST SCALABLE VISUALIZED CLUSTERING IN VECTOR AND NON VECTOR SEMI-METRIC SPACES. Parallel Processing Letters, 2013, 23, 1340006.	0.6	6
5	HyMR. , 2012, , .		4
6	DACIDR. , 2012, , .		10
7	Mining hidden mixture context with ADIOS-P to improve predictive pre-fetcher accuracy. , 2012, , .		2
8	Collaborative annotation of real time streams on android-enabled devices. , 2012, , .		4
9	Enabling hierarchical dissemination of streams in content distribution networks. Concurrency Computation Practice and Experience, 2012, 24, 1594-1606.	2.2	4
10	Generative topographic mapping by deterministic annealing. Procedia Computer Science, 2010, 1, 47-56.	2.0	5
11	Twister. , 2010, , .		589
12	A distributed framework for collaborative annotation of streams. , 2009, , .		2
13	Grids challenged by a Web 2.0 and multicore sandwich. Concurrency Computation Practice and Experience, 2009, 21, 265-280.	2.2	10
14	Using clouds to provide grids with higher levels of abstraction and explicit support for usage modes. Concurrency Computation Practice and Experience, 2009, 21, 1087-1108.	2.2	55
15	MapReduce for Data Intensive Scientific Analyses. , 2008, , .		279
16	The Open Grid Computing Environments collaboration: portlets and services for science gateways. Concurrency Computation Practice and Experience, 2007, 19, 921-942.	2.2	50
17	iSERVO: Implementing the International Solid Earth Research Virtual Observatory by Integrating Computational Grid and Geographical Information Web Services. Pure and Applied Geophysics, 2006, 163, 2281-2296.	1.9	33
18	Web Service Grids: an evolutionary approach. Concurrency Computation Practice and Experience, 2005, 17, 377-389.	2.2	67

#	ARTICLE	IF	CITATIONS
19	Global multimedia collaboration system. Concurrency Computation Practice and Experience, 2004, 16, 441-447.	2.2	16
20	HP Java: Programming Support for High-Performance Grid-Enabled Applications. International Journal of Parallel, Emergent and Distributed Systems, 2004, 19, 175-193.	0.4	8
21	Grid services for earthquake science. Concurrency Computation Practice and Experience, 2002, 14, 371-393.	2.2	21
22	Title is missing!. Cluster Computing, 2002, 5, 325-336.	5.0	52
23	The Gateway system: uniform web based access to remote resources. Concurrency and Computation: Practice and Experience, 2000, 12, 629-642.	0.5	10
24	MPJ: MPI-like message passing for Java. Concurrency and Computation: Practice and Experience, 2000, 12, 1019-1038.	0.5	106
25	WebFlow: a framework for web based metacomputing. Future Generation Computer Systems, 2000, 16, 445-451.	7.5	10
26	Web based metacomputing. Future Generation Computer Systems, 1999, 15, 735-743.	7.5	14
27	WebFlow: A framework for web based metacomputing. Lecture Notes in Computer Science, 1999, , 291-299.	1.3	4
28	WebFlow - a visual programming paradigm for Web/Java based coarse grain distributed computing. Concurrency and Computation: Practice and Experience, 1997, 9, 555-577.	0.5	73
29	A deterministic annealing approach to clustering. Pattern Recognition Letters, 1990, 11, 589-594.	4.2	340
30	DISCOVER: A Computational Collaboratory for Interactive Grid Applications. , 0, , 729-746.		5
31	The Data Deluge: An e-Science Perspective. , 0, , 809-824.		273
32	The Open Grid Services Architecture, and Data Grids. , 0, , 385-407.		8
33	The Grid: A New Infrastructure for 21st Century Science. , 0, , 51-63.		23
34	Grid Resource Allocation and Control Using Computational Economies. , 0, , 747-771.		71
35	The Physiology of the Grid. , 0, , 217-249.		205
36	The Grid: Past, Present, Future. , 0, , 9-50.		40

#	ARTICLE	IF	CITATIONS
37	The Semantic Grid: A Future e-Science Infrastructure. , 0, , 437-470.		126
38	Overview of the Book: Grid Computing â€“ Making the Global Infrastructure a Reality. , 0, , 1-8.		6
39	NetSolve: Past, Present, and Future â€“ A Look at a Grid Enabled Server. , 0, , 615-624.		31
40	Parameter Sweeps on the Grid with APST. , 0, , 773-787.		28
41	Grids and the Virtual Observatory. , 0, , 837-858.		4
42	The Anatomy of the Grid. , 0, , 169-197.		179
43	eDiamond: A Grid-Enabled Federated Database of Annotated Mammograms. , 0, , 923-943.		48
44	Combinatorial Chemistry and the Grid. , 0, , 945-962.		10
45	Application Overview for the Book: Grid Computing â€“ Making the Global Infrastructure a Reality. , 0, , 803-808.		0
46	Storage Manager and File Transfer Web Services. , 0, , 789-801.		2
47	The New Biology and the Grid. , 0, , 907-922.		3
48	Data-Intensive Grids for High-Energy Physics. , 0, , 859-905.		28
49	Distributed Object-Based Grid Computing Environments. , 0, , 713-728.		3
50	Education and the Enterprise with the Grid. , 0, , 963-976.		12
51	Commodity Grid Kits â€“ Middleware for Building Grid Computing Environments. , 0, , 639-656.		11
52	From Legion to Avaki: The Persistence of Vision. , 0, , 265-298.		13
53	Condor and the Grid. , 0, , 299-335.		221
54	Architecture of a Commercial Enterprise Desktop Grid: The Entropia System. , 0, , 337-350.		8

#	ARTICLE	IF	CITATIONS
55	Autonomic Computing and Grid. , 0 , 351-361.		7
56	Databases and the Grid. , 0 , 363-384.		29
57	Virtualization Services for Data Grids. , 0 , 409-435.		16
58	Peer-To-Peer Grids. , 0 , 471-490.		24
59	Peer-To-Peer Grid Databases for Web Service Discovery. , 0 , 491-539.		15
60	Overview of Grid Computing Environments. , 0 , 541-553.		14
61	Grid Programming Models: Current Tools, Issues and Directions. , 0 , 555-578.		37
62	NaradaBrokering: An Event-Based Infrastructure for Building Scalable Durable Peer-To-Peer Grids. , 0 , 579-600.		11
63	Classifying and Enabling Grid Applications. , 0 , 601-614.		13
64	Ninf-G: A GridRPC System on the Globus Toolkit. , 0 , 625-637.		6
65	The Grid Portal Development Kit. , 0 , 657-673.		5
66	Building Grid Computing Portals: The NPACI Grid Portal Toolkit. , 0 , 675-700.		12
67	The Evolution of the Grid. , 0 , 65-100.		90
68	Software Infrastructure for the I-WAY High-Performance Distributed Computing Experiment. , 0 , 101-115.		1
69	Implementing Production Grids. , 0 , 117-167.		1
70	Rationale for Choosing the Open Grid Services Architecture. , 0 , 199-215.		3
71	Grid Web Services and Application Factories. , 0 , 251-264.		33
72	Metacomputing. , 0 , 825-835.		1

#	ARTICLE	IF	CITATIONS
73	Unicore and the Open Grid Services Architecture. , 0, , 701-712.		6
74	Data Intensive Computing for Bioinformatics. , 0, , 287-321.		4
75	Data Intensive Computing for Bioinformatics. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 0, , 207-241.	0.5	1