

# Geoffrey Fox

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10769496/publications.pdf>

Version: 2024-02-01

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	Twister. , 2010, , .		589
2	A deterministic annealing approach to clustering. Pattern Recognition Letters, 1990, 11, 589-594.	4.2	340
3	MapReduce for Data Intensive Scientific Analyses. , 2008, , .		279
4	The Data Deluge: An e-Science Perspective. , 0, , 809-824.		273
5	Condor and the Grid. , 0, , 299-335.		221
6	The Physiology of the Grid. , 0, , 217-249.		205
7	The Anatomy of the Grid. , 0, , 169-197.		179
8	The Semantic Grid: A Future e-Science Infrastructure. , 0, , 437-470.		126
9	MPI: MPI-like message passing for Java. Concurrency and Computation: Practice and Experience, 2000, 12, 1019-1038.	0.5	106
10	The Evolution of the Grid. , 0, , 65-100.		90
11	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
12	Grid Resource Allocation and Control Using Computational Economies. , 0, , 747-771.		71
13	Web Service Grids: an evolutionary approach. Concurrency Computation Practice and Experience, 2005, 17, 377-389.	2.2	67
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	Title is missing!. Cluster Computing, 2002, 5, 325-336.	5.0	52
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	eDiamond: A Grid-Enabled Federated Database of Annotated Mammograms. , 0, , 923-943.		48
18	The Grid: Past, Present, Future. , 0, , 9-50.		40

#	ARTICLE	IF	CITATIONS
19	Grid Programming Models: Current Tools, Issues and Directions. , 0, , 555-578.		37
20	Grid Web Services and Application Factories. , 0, , 251-264.		33
21	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
22	NetSolve: Past, Present, and Future â€œ A Look at a Grid Enabled Server. , 0, , 615-624.		31
23	Databases and the Grid. , 0, , 363-384.		29
24	Parameter Sweeps on the Grid with APST. , 0, , 773-787.		28
25	Data-Intensive Grids for High-Energy Physics. , 0, , 859-905.		28
26	Peer-To-Peer Grids. , 0, , 471-490.		24
27	The Grid: A New Infrastructure for 21st Century Science. , 0, , 51-63.		23
28	Grid services for earthquake science. Concurrency Computation Practice and Experience, 2002, 14, 371-393.	2.2	21
29	Virtualization Services for Data Grids. , 0, , 409-435.		16
30	Global multimedia collaboration system. Concurrency Computation Practice and Experience, 2004, 16, 441-447.	2.2	16
31	Peer-To-Peer Grid Databases for Web Service Discovery. , 0, , 491-539.		15
32	Web based metacomputing. Future Generation Computer Systems, 1999, 15, 735-743.	7.5	14
33	Overview of Grid Computing Environments. , 0, , 541-553.		14
34	From Legion to Avaki: The Persistence of Vision. , 0, , 265-298.		13
35	Classifying and Enabling Grid Applications. , 0, , 601-614.		13
36	Education and the Enterprise with the Grid. , 0, , 963-976.		12

#	ARTICLE	IF	CITATIONS
37	Building Grid Computing Portals: The NPACI Grid Portal Toolkit. , 0, , 675-700.		12
38	Commodity Grid Kits “ Middleware for Building Grid Computing Environments. , 0, , 639-656.		11
39	NaradaBrokering: An Event-Based Infrastructure for Building Scalable Durable Peer-To-Peer Grids. , 0, , 579-600.		11
40	The Gateway system: uniform web based access to remote resources. Concurrency and Computation: Practice and Experience, 2000, 12, 629-642.	0.5	10
41	WebFlow: a framework for web based metacomputing. Future Generation Computer Systems, 2000, 16, 445-451.	7.5	10
42	Combinatorial Chemistry and the Grid. , 0, , 945-962.		10
43	Grids challenged by a Web 2.0 and multicore sandwich. Concurrency Computation Practice and Experience, 2009, 21, 265-280.	2.2	10
44	DACIDR. , 2012, , .		10
45	A Robust and Scalable Solution for Interpolative Multidimensional Scaling with Weighting. , 2013, , .		10
46	The Open Grid Services Architecture, and Data Grids. , 0, , 385-407.		8
47	Architecture of a Commercial Enterprise Desktop Grid: The Entropia System. , 0, , 337-350.		8
48	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
49	Autonomic Computing and Grid. , 0, , 351-361.		7
50	Integration of Clustering and Multidimensional Scaling to Determine Phylogenetic Trees as Spherical Phylograms Visualized in 3 Dimensions. , 2014, , .		7
51	Overview of the Book: Grid Computing “ Making the Global Infrastructure a Reality. , 0, , 1-8.		6
52	Ninf-G: A GridRPC System on the Globus Toolkit. , 0, , 625-637.		6
53	Unicore and the Open Grid Services Architecture. , 0, , 701-712.		6
54	ROBUST SCALABLE VISUALIZED CLUSTERING IN VECTOR AND NON VECTOR SEMI-METRIC SPACES. Parallel Processing Letters, 2013, 23, 1340006.	0.6	6

#	ARTICLE	IF	CITATIONS
55	DISCOVER: A Computational Collaboratory for Interactive Grid Applications. , 0, , 729-746.		5
56	The Grid Portal Development Kit. , 0, , 657-673.		5
57	Generative topographic mapping by deterministic annealing. Procedia Computer Science, 2010, 1, 47-56.	2.0	5
58	Parallel deterministic annealing clustering and its application to LC-MS data analysis. , 2013, , .		5
59	WebFlow: A framework for web based metacomputing. Lecture Notes in Computer Science, 1999, , 291-299.	1.3	4
60	Grids and the Virtual Observatory. , 0, , 837-858.		4
61	HyMR. , 2012, , .		4
62	Collaborative annotation of real time streams on android-enabled devices. , 2012, , .		4
63	Enabling hierarchical dissemination of streams in content distribution networks. Concurrency Computation Practice and Experience, 2012, 24, 1594-1606.	2.2	4
64	Data Intensive Computing for Bioinformatics. , 0, , 287-321.		4
65	The New Biology and the Grid. , 0, , 907-922.		3
66	Distributed Object-Based Grid Computing Environments. , 0, , 713-728.		3
67	Rationale for Choosing the Open Grid Services Architecture. , 0, , 199-215.		3
68	Storage Manager and File Transfer Web Services. , 0, , 789-801.		2
69	A distributed framework for collaborative annotation of streams. , 2009, , .		2
70	Mining hidden mixture context with ADIOS-P to improve predictive pre-fetcher accuracy. , 2012, , .		2
71	Software Infrastructure for the I-WAY High-Performance Distributed Computing Experiment. , 0, , 101-115.		1
72	Implementing Production Grids. , 0, , 117-167.		1

#	ARTICLE	IF	CITATIONS
73	Metacomputing. , 0, , 825-835.		1
74	Data Intensive Computing for Bioinformatics. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 0, , 207-241.	0.5	1
75	Application Overview for the Book: Grid Computing â€“ Making the Global Infrastructure a Reality. , 0, , 803-808.		0