

David A Bader

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5927420/publications.pdf>

Version: 2024-02-01

213
papers

4,632
citations

361413

20
h-index

302126

39
g-index

233
all docs

233
docs citations

233
times ranked

2285
citing authors

#	ARTICLE	IF	CITATIONS
1	LAGraph: Linear Algebra, Network Analysis Libraries, and the Study of Graph Algorithms. , 2021, , .		4
2	Interactive Graph Stream Analytics in Arkouda. Algorithms, 2021, 14, 221.	2.1	8
3	Linux and Supercomputing: How My Passion for Building COTS Systems Led to an HPC Revolution. IEEE Annals of the History of Computing, 2021, 43, 73-80.	0.2	0
4	Enabling Exploratory Large Scale Graph Analytics through Arkouda. , 2021, , .		0
5	A GraphBLAS Implementation of Triangle Centrality. , 2021, , .		0
6	Anti-Section Transitive Closure. , 2021, , .		2
7	Tailoring parallel alternating criteria search for domain specific MIPs: Application to maritime inventory routing. Computers and Operations Research, 2019, 111, 21-34.	4.0	4
8	Editorial from the Editor-in-Chief. ACM Transactions on Parallel Computing, 2019, 6, 1-2.	1.4	0
9	Performance Impact of Memory Channels on Sparse and Irregular Algorithms. , 2019, , .		2
10	Skip the Intersection: Quickly Counting Common Neighbors on Shared-Memory Systems. , 2019, , .		2
11	Numerically approximating centrality for graph ranking guarantees. Journal of Computational Science, 2018, 26, 205-216.	2.9	4
12	Incrementally updating Katz centrality in dynamic graphs. Social Network Analysis and Mining, 2018, 8, 1.	2.8	6
13	Alternating criteria search: a parallel large neighborhood search algorithm for mixed integer programs. Computational Optimization and Applications, 2018, 69, 1-24.	1.6	14
14	Hornet: An Efficient Data Structure for Dynamic Sparse Graphs and Matrices on GPUs. , 2018, , .		46
15	Logarithmic Radix Binning and Vectorized Triangle Counting. , 2018, , .		13
16	Massive-scale Streaming Analytics. , 2018, , .		1
17	Fast and Adaptive List Intersections on the GPU. , 2018, , .		19
18	Introduction to HiCOMB 2018. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Accelerating GPU betweenness centrality. Communications of the ACM, 2018, 61, 85-92.	4.5	8
20	Benchmarking for Graph Clustering and Partitioning. , 2018, , 161-171.		3
21	Graph Ranking Guarantees for Numerical Approximations to Katz Centrality. Procedia Computer Science, 2017, 108, 68-78.	2.0	13
22	When Good Enough Is Better: Energy-Aware Scheduling for Multicore Servers. , 2017, , .		0
23	A parallel local search framework for the Fixed-Charge Multicommodity Network Flow problem. Computers and Operations Research, 2017, 77, 44-57.	4.0	13
24	Designing and implementing a heuristic cross-architecture combination for graph traversal. Journal of Parallel and Distributed Computing, 2017, 108, 95-105.	4.1	1
25	Design and implementation of parallel PageRank on multicore platforms. , 2017, , .		11
26	Introduction to EMBRACE Workshop. , 2017, , .		0
27	Exact and Parallel Triangle Counting in Dynamic Graphs. , 2017, , .		11
28	Streaming Graph Sampling with Size Restrictions. , 2017, , .		1
29	Modeling the Power Variability of Core Speed Scaling on Homogeneous Multicore Systems. Scientific Programming, 2017, 2017, 1-13.	0.7	3
30	A Dynamic Algorithm for Updating Katz Centrality in Graphs. , 2017, , .		11
31	Quickly finding a truss in a haystack. , 2017, , .		21
32	Local Community Detection in Dynamic Graphs Using Personalized Centrality. Algorithms, 2017, 10, 102.	2.1	8
33	A New Parallel Method for Binary Black Hole Simulations. Scientific Programming, 2016, 2016, 1-14.	0.7	3
34	A Memory and Time Scalable Parallelization of the Reptile Error-Correction Code. , 2016, , .		1
35	Evolving MPI+X Toward Exascale. Computer, 2016, 49, 10-10.	1.1	2
36	New stopping criteria for spectral partitioning. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	A local measure of community change in dynamic graphs. , 2016, , .		1
38	Aging data in dynamic graphs: A comparative study. , 2016, , .		0
39	cuSTINGER: Supporting dynamic graph algorithms for GPUs. , 2016, , .		37
40	HiCOMB Introduction and Committees. , 2016, , .		0
41	GABB 2016 Keynote. , 2016, , .		0
42	Fast Incremental Community Detection on Dynamic Graphs. Lecture Notes in Computer Science, 2016, , 207-217.	1.3	2
43	Tracking local communities in streaming graphs with a dynamic algorithm. Social Network Analysis and Mining, 2016, 6, 1.	2.8	8
44	Mathematical foundations of the GraphBLAS. , 2016, , .		131
45	HPC node performance and energy modeling with the co-location of applications. Journal of Supercomputing, 2016, 72, 4771-4809.	3.6	13
46	Exemplar or matching: modeling DCJ problems with unequal content genome data. Journal of Combinatorial Optimization, 2016, 32, 1165-1181.	1.3	8
47	Engineering Algorithms for Computational Biology. , 2016, , 628-630.		0
48	High Performance Algorithm Engineering for Large-Scale Problems. , 2016, , 914-918.		0
49	Sorting Signed Permutations by Reversal (Reversal Distance). , 2016, , 2026-2028.		0
50	Fast Execution of Simultaneous Breadth-First Searches on Sparse Graphs. , 2015, , .		4
51	ParLearning Keynotes. , 2015, , .		0
52	Behavioral clusters in dynamic graphs. Parallel Computing, 2015, 47, 38-50.	2.1	13
53	HiCOMB Introduction and Committees. , 2015, , .		0
54	A Methodology for Co-Location Aware Application Performance Modeling in Multicore Computing. , 2015, , .		10

#	ARTICLE	IF	CITATIONS
55	Parallel Methods for Verifying the Consistency of Weakly-Ordered Architectures. , 2015, , .		1
56	A fast, energy-efficient abstraction for simultaneous breadth-first searches. , 2015, , .		3
57	A Dynamic Algorithm for Local Community Detection in Graphs. , 2015, , .		37
58	Graphs, Matrices, and the GraphBLAS: Seven Good Reasons. Procedia Computer Science, 2015, 51, 2453-2462.	2.0	36
59	State of the Journal. IEEE Transactions on Computers, 2015, 64, 1506-1508.	3.4	0
60	Introduction to Special Issue ALENEX'12. Journal of Experimental Algorithmics, 2015, 19, 1-1.	1.0	0
61	WEC: Improving Durability of SSD Cache Drives by Caching Write-Efficient Data. IEEE Transactions on Computers, 2015, 64, 3304-3316.	3.4	25
62	GABB Introduction. , 2014, , .		0
63	Revisiting Edge and Node Parallelism for Dynamic GPU Graph Analytics. , 2014, , .		17
64	Load balanced clustering coefficients. , 2014, , .		33
65	Scalable and High Performance Betweenness Centrality on the GPU. , 2014, , .		73
66	Designing a Heuristic Cross-Architecture Combination for Breadth-First Search. , 2014, , .		25
67	Optimizing energy consumption and parallel performance for static and dynamic betweenness centrality using GPUs. , 2014, , .		5
68	State of the Journal. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1-1.	5.6	7
69	A performance evaluation of open source graph databases. , 2014, , .		50
70	HiCOMB Introduction and Committees. , 2014, , .		0
71	Benchmarking for Graph Clustering and Partitioning. , 2014, , 73-82.		58
72	Measuring the Sensitivity of Graph Metrics to Missing Data. Lecture Notes in Computer Science, 2014, , 783-792.	1.3	0

#	ARTICLE	IF	CITATIONS
73	A Lin-Kernighan Heuristic for the DCJ Median Problem of Genomes with Unequal Contents. Lecture Notes in Computer Science, 2014, , 227-238.	1.3	0
74	Detecting insider threats in a real corporate database of computer usage activity. , 2013, , .		80
75	Streaming Breakpoint Graph Analytics for Accelerating and Parallelizing the Computation of DCJ Median of Three Genomes. Procedia Computer Science, 2013, 18, 561-570.	2.0	2
76	Faster Betweenness Centrality Based on Data Structure Experimentation. Procedia Computer Science, 2013, 18, 399-408.	2.0	32
77	PASQUAL: Parallel Techniques for Next Generation Genome Sequence Assembly. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 977-986.	5.6	13
78	Faster Clustering Coefficient Using Vertex Covers. , 2013, , .		35
79	Multithreaded Community Monitoring for Massive Streaming Graph Data. , 2013, , .		15
80	Energy-Efficient Scheduling for Best-Effort Interactive Services to Achieve High Response Quality. , 2013, , .		8
81	Investigating Graph Algorithms in the BSP Model on the Cray XMT. , 2013, , .		9
82	Standards for graph algorithm primitives. , 2013, , .		63
83	A new parallel algorithm for connected components in dynamic graphs. , 2013, , .		24
84	A statistical framework for streaming graph analysis. , 2013, , .		7
85	Massive streaming data analytics. Xrds, 2013, 19, 37-43.	0.3	6
86	GraphCT: Multithreaded Algorithms for Massive Graph Analysis. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2220-2229.	5.6	18
87	Designing Hybrid Architectures for Massive-Scale Graph Analysis. , 2013, , .		3
88	HiCOMB Introduction. , 2013, , .		0
89	ACM journal on experimental algorithmics special issue on multicore algorithms. Journal of Experimental Algorithmics, 2012, 17, .	1.0	0
90	GPU merge path. , 2012, , .		91

#	ARTICLE	IF	CITATIONS
91	MuCoCoS 2012: 5th International Workshop on Multi-Core Computing Systems Focus: Performance Portability and Tuning. , 2012, , .		0
92	Analysis of streaming social networks and graphs on multicore architectures. , 2012, , .		9
93	Message from GreenCom 2012 Program Co-chairs. , 2012, , .		0
94	HiCOMB Introduction. , 2012, , .		0
95	Enhancing Cache Coherent Architectures with access patterns for embedded manycore systems. , 2012, , .		6
96	A Fast Algorithm for Streaming Betweenness Centrality. , 2012, , .		69
97	Task-based parallel breadth-first search in heterogeneous environments. , 2012, , .		16
98	HCW 2012 Keynote Talk: Analyzing massive data using heterogeneous computing. , 2012, , .		0
99	STINGER: High performance data structure for streaming graphs. , 2012, , .		136
100	Parallel Community Detection for Massive Graphs. Lecture Notes in Computer Science, 2012, , 286-296.	1.3	33
101	Scalable Multi-threaded Community Detection in Social Networks. , 2012, , .		36
102	Efficient Data Migration to Conserve Energy in Streaming Media Storage Systems. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 2081-2093.	5.6	14
103	GTfold: Enabling parallel RNA secondary structure prediction on multi-core desktops. BMC Research Notes, 2012, 5, 341.	1.4	32
104	Computational Challenges in Emerging Combinatorial Scientific Computing Applications. Chapman & Hall/CRC Computational Science, 2012, , 471-494.	0.5	0
105	A Waterfall Model to Achieve Energy Efficient Tasks Mapping for Large Scale GPU Clusters. , 2011, , .		17
106	Message from the 25th Year Planning Chair. , 2011, , .		0
107	12. Large-Scale Network Analysis. , 2011, , 253-285.		1
108	HiCOMB Introduction. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
109	Algorithm Engineering Challenges in Multicore and Manycore Systems. IT - Information Technology, 2011, 53, 266-273.	0.9	1
110	Tracking Structure of Streaming Social Networks. , 2011, , .		34
111	Guest Editor's Introduction: Special Issue on High-Performance Computing with Accelerators. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 3-6.	5.6	4
112	Rec-DCM-Eigen: Reconstructing a Less Parsimonious but More Accurate Tree in Shorter Time. PLoS ONE, 2011, 6, e22483.	2.5	2
113	SEECN: SIMULATING COMPLEX SYSTEMS USING DYNAMIC COMPLEX NETWORKS. International Journal for Multiscale Computational Engineering, 2011, 9, 201-214.	1.2	4
114	Graph Algorithms. , 2011, , 796-805.		0
115	SWARM: A Parallel Programming Framework for Multicore Processors. , 2011, , 1966-1971.		0
116	Hybrid Programming With SIMPLE. , 2011, , 851-860.		0
117	Spanning Tree, Minimum Weight. , 2011, , 1870-1877.		0
118	Evaluating Cell/B.E software cache for ClustalW. , 2010, , .		0
119	GPUMemSort: A High Performance Graphic Co-processors Sorting Algorithm for Large Scale In-Memory Data. , 2010, , .		2
120	A tile-based parallel Viterbi algorithm for biological sequence alignment on GPU with CUDA. , 2010, , .		8
121	Scalable Graph Exploration on Multicore Processors. , 2010, , .		180
122	Large scale complex network analysis using the hybrid combination of a MapReduce cluster and a highly multithreaded system. , 2010, , .		3
123	Massive Social Network Analysis: Mining Twitter for Social Good. , 2010, , .		94
124	The 19th heterogeneity in Computing Workshop (HCW 2010). , 2010, , .		0
125	Massive streaming data analytics: A case study with clustering coefficients. , 2010, , .		69
126	On accelerating iterative algorithms with CUDA: A case study on Conditional Random Fields training algorithm for biological sequence alignment. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
127	Analyzing Massive Social Networks Using Multicore and Multithreaded Architectures. Lecture Notes in Computer Science, 2010, , 1-1.	1.3	7
128	An efficient transactional memory algorithm for computing minimum spanning forest of sparse graphs. , 2009, , .		17
129	Compact graph representations and parallel connectivity algorithms for massive dynamic network analysis. , 2009, , .		15
130	Understanding the design trade-offs among current multicore systems for numerical computations. , 2009, , .		0
131	<i>GTfold</i>. , 2009, , .		29
132	Faster FAST: multicore acceleration of streaming financial data. Computer Science - Research and Development, 2009, 23, 249-257.	2.7	13
133	Computing discrete transforms on the Cell Broadband Engine. Parallel Computing, 2009, 35, 119-137.	2.1	16
134	A faster parallel algorithm and efficient multithreaded implementations for evaluating betweenness centrality on massive datasets. , 2009, , .		84
135	The 18th Heterogeneity in Computing Workshop (HCW 2009). , 2009, , .		0
136	Generalizing k-Betweenness Centrality Using Short Paths and a Parallel Multithreaded Implementation. , 2009, , .		13
137	A Partition-Merge Based Cache-Conscious Parallel Sorting Algorithm for CMP with Shared Cache. , 2009, , .		5
138	An efficient transactional memory algorithm for computing minimum spanning forest of sparse graphs. ACM SIGPLAN Notices, 2009, 44, 15-24.	0.2	12
139	Parallel shortest path algorithms for solving large-scale instances. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 2009, , 249-290.	0.0	19
140	Simulating Individual-Based Models of Epidemics in Hierarchical Networks. Lecture Notes in Computer Science, 2009, , 725-734.	1.3	1
141	A graph-theoretic analysis of the human protein-interaction network using multicore parallel algorithms. Parallel Computing, 2008, 34, 627-639.	2.1	19
142	High-performance computational biology. Parallel Computing, 2008, 34, 613-615.	2.1	0
143	A Prediction Based CMP Cache Migration Policy. , 2008, , .		4
144	On the Design of Fast Pseudo-Random Number Generators for the Cell Broadband Engine and an Application to Risk Analysis. , 2008, , .		3

#	ARTICLE	IF	CITATIONS
145	Optimizing JPEG2000 Still Image Encoding on the Cell Broadband Engine. , 2008, , .		3
146	Petascale Computing for Large-Scale Graph Problems. , 2008, , .		1
147	DOSA: design optimizer for scientific applications. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0
148	Financial modeling on the cell broadband engine. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	22
149	SNAP, Small-world Network Analysis and Partitioning: An open-source parallel graph framework for the exploration of large-scale networks. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	80
150	High performance MPEG-2 software decoder on the cell broadband engine. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	9
151	Engineering Algorithms for Computational Biology. , 2008, , 270-272.		0
152	High Performance Algorithm Engineering for Large-scale Problems. , 2008, , 387-390.		0
153	Sorting Signed Permutations by Reversal (Reversal Distance). , 2008, , 858-860.		0
154	Approximating Betweenness Centrality. , 2007, , 124-137.		199
155	Petascale Computing for Large-Scale Graph Problems. , 2007, , .		2
156	Advanced Shortest Paths Algorithms on a Massively-Multithreaded Architecture. , 2007, , .		22
157	On the Design and Analysis of Irregular Algorithms on the Cell Processor: A Case Study of List Ranking. , 2007, , .		32
158	SWARM: A Parallel Programming Framework for Multicore Processors. , 2007, , .		45
159	A Graph-Theoretic Analysis of the Human Protein-Interaction Network Using Multicore Parallel Algorithms. , 2007, , .		6
160	DOSA: Design Optimizer for Scientific Applications. , 2007, , .		0
161	An Experimental Study of a Parallel Shortest Path Algorithm for Solving Large-Scale Graph Instances. , 2007, , 23-35.		74
162	Symposium Evening Tutorial: High-performance Computing Methods for Computational Genomics. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
163	Dynamic Load Balancing in Distributed Systems in the Presence of Delays: A Regeneration-Theory Approach. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 485-497.	5.6	78
164	High performance combinatorial algorithm design on the Cell Broadband Engine processor. Parallel Computing, 2007, 33, 720-740.	2.1	29
165	On the design of high-performance algorithms for aligning multiple protein sequences on mesh-based multiprocessor architectures. Journal of Parallel and Distributed Computing, 2007, 67, 1007-1017.	4.1	18
166	Techniques for Designing Efficient Parallel Graph Algorithms for SMPs and Multicore Processors. Lecture Notes in Computer Science, 2007, , 137-147.	1.3	9
167	FFTC: Fastest Fourier Transform for the IBM Cell Broadband Engine. , 2007, , 172-184.		33
168	Multithreaded Algorithms for Processing Massive Graphs. Chapman & Hall/CRC Computational Science, 2007, , 237-262.	0.5	5
169	Editorial: Special Section on High-Performance Computational Biology. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 737-739.	5.6	3
170	M11--High-performance computing methods for computational genomics. , 2006, ,		1
171	Designing irregular parallel algorithms with mutual exclusion and lock-free protocols. Journal of Parallel and Distributed Computing, 2006, 66, 854-866.	4.1	10
172	Fast shared-memory algorithms for computing the minimum spanning forest of sparse graphs. Journal of Parallel and Distributed Computing, 2006, 66, 1366-1378.	4.1	58
173	19. Parallel Computational Biology. , 2006, , 357-378.		0
174	Computational Grand Challenges in Assembling the Tree of Life: Problems and Solutions. Advances in Computers, 2006, , 127-176.	1.6	18
175	High-Performance Algorithm Engineering for Large-Scale Graph Problems and Computational Biology. Lecture Notes in Computer Science, 2005, , 16-21.	1.3	7
176	A fast, parallel spanning tree algorithm for symmetric multiprocessors (SMPs). Journal of Parallel and Distributed Computing, 2005, 65, 994-1006.	4.1	70
177	High-Performance Phylogeny Reconstruction Under Maximum Parsimony. , 2005, , 369-394.		0
178	Parallel Algorithm Design for Branch and Bound. , 2005, , 5-1-5-44.		20
179	Design and Implementation of the HPCS Graph Analysis Benchmark on Symmetric Multiprocessors. Lecture Notes in Computer Science, 2005, , 465-476.	1.3	103
180	Lock-Free Parallel Algorithms: An Experimental Study. Lecture Notes in Computer Science, 2004, , 516-527.	1.3	11

#	ARTICLE	IF	CITATIONS
181	A Framework for Measuring Supercomputer Productivity. International Journal of High Performance Computing Applications, 2004, 18, 417-432.	3.7	33
182	Computational biology and high-performance computing. Communications of the ACM, 2004, 47, 34-41.	4.5	19
183	An improved, randomized algorithm for parallel selection with an experimental study. Journal of Parallel and Distributed Computing, 2004, 64, 1051-1059.	4.1	7
184	The Euler tour technique and parallel rooted spanning tree. , 2004, , .		0
185	A novel FDTD application featuring OpenMP-MPI hybrid parallelization. , 2004, , .		20
186	Generalized block shift network for clusters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 543-546.	0.1	0
187	High-Performance Algorithm Engineering for Computational Phylogenetics. Journal of Supercomputing, 2002, 22, 99-111.	3.6	74
188	Evaluating Arithmetic Expressions Using Tree Contraction: A Fast and Scalable Parallel Implementation for Symmetric Multiprocessors (SMPs). Lecture Notes in Computer Science, 2002, , 63-75.	1.3	33
189	Algorithm Engineering for Parallel Computation. Lecture Notes in Computer Science, 2002, , 1-23.	1.3	13
190	<title>Industrial applications of high-performance computing for phylogeny reconstruction</title> . , 2001, 4528, 159.		28
191	A Linear-Time Algorithm for Computing Inversion Distance between Signed Permutations with an Experimental Study. Journal of Computational Biology, 2001, 8, 483-491.	1.6	293
192	A Linear-Time Algorithm for Computing Inversion Distance between Signed Permutations with an Experimental Study. Lecture Notes in Computer Science, 2001, , 365-376.	1.3	22
193	Using PRAM Algorithms on a Uniform-Memory-Access Shared-Memory Architecture. Lecture Notes in Computer Science, 2001, , 129-144.	1.3	15
194	High-Performance Algorithmic Engineering for Computations Phylogenetics. Lecture Notes in Computer Science, 2001, , 1012-1021.	1.3	2
195	High performance computing algorithms for land cover dynamics using remote sensing data. International Journal of Remote Sensing, 2000, 21, 1513-1536.	2.9	13
196	A New Implementation and Detailed Study of Breakpoint Analysis. , 2000, , 583-94.		84
197	Simple: A Methodology for Programming High Performance Algorithms on Clusters of Symmetric Multiprocessors (SMPs). Journal of Parallel and Distributed Computing, 1999, 58, 92-108.	4.1	57
198	A Randomized Parallel Sorting Algorithm with an Experimental Study. Journal of Parallel and Distributed Computing, 1998, 52, 1-23.	4.1	41

#	ARTICLE	IF	CITATIONS
199	A new deterministic parallel sorting algorithm with an experimental evaluation. Journal of Experimental Algorithmics, 1998, 3, 4.	1.0	21
200	Parallel Algorithms for Image Histogramming and Connected Components with an Experimental Study. Journal of Parallel and Distributed Computing, 1996, 35, 173-190.	4.1	60
201	Parallel algorithms for image enhancement and segmentation by region growing, with an experimental study. Journal of Supercomputing, 1996, 10, 141.	3.6	10
202	Practical parallel algorithms for personalized communication and integer sorting. Journal of Experimental Algorithmics, 1996, 1, 3.	1.0	25
203	Parallel algorithms for personalized communication and sorting with an experimental study (extended abstract). , 1996, , .		21
204	Parallel algorithms for image histogramming and connected components with an experimental study (extended abstract). , 1995, , .		9
205	Scalable data parallel algorithms for texture synthesis using Gibbs random fields. IEEE Transactions on Image Processing, 1995, 4, 1456-1460.	9.8	10
206	Parallel algorithms for image enhancement and segmentation by region growing with an experimental study. , 0, , .		15
207	BioPerf: A benchmark suite to evaluate high-performance computer architecture on bioinformatics applications. , 0, , .		65
208	On the Architectural Requirements for Efficient Execution of Graph Algorithms. , 0, , .		67
209	Parallel Algorithms for Evaluating Centrality Indices in Real-world Networks. , 0, , .		112
210	ExactMP: An Efficient Parallel Exact Solver for Phylogenetic Tree Reconstruction Using Maximum Parsimony. , 0, , .		6
211	Designing Multithreaded Algorithms for Breadth-First Search and st-connectivity on the Cray MTA-2. , 0, , .		134
212	Spectral partitioning with blends of eigenvectors. Journal of Complex Networks, 0, , cnw033.	1.8	0
213	Scalable Katz Ranking Computation in Large Static and Dynamic Graphs. Journal of Experimental Algorithmics, 0, , .	1.0	0