Richard E Ladner

List of Publications by Year
in descending order

55 papers	4,207 citations	393982 19 h-index	288905 40 g-index
56 all docs	56 docs citations	56 times ranked	1288 citing authors

#	Article	IF	Citations
1	Panel: An intersectional approach to including disability in BPC. , 2021, , .		0
2	Why is Data on Disability so Hard to Collect and Understand?. , 2020, , .		9
3	Addressing Disability in CS for All. , 2019, , .		2
4	Position: Accessible Block-Based Programming: Why and How. , 2019, , .		5
5	Who Teaches Accessibility?. , 2018, , .		46
6	Including Disability in Diversity. , 2018, , .		4
7	Design and Real-World Evaluation of Eyes-Free Yoga. ACM Transactions on Accessible Computing, 2017, 9, 1-25.	1.9	21
8	<i>AccessComputing</i> Promotes Teaching Accessibility. ACM Inroads, 2016, 7, 65-68.	0.4	34
9	Increasing the participation of individuals with disabilities in computing. Communications of the ACM, 2015, 58, 33-36.	3.3	10
10	My path to becoming an accessibility researcher. ACM SIGACCESS Accessibility and Computing, 2014, , 5-16.	0.2	5
11	Fast algorithms for designing nearly optimal lookup tables for complexity control of the H.264 encoder. Signal, Image and Video Processing, 2013, 7, 991-1003.	1.7	4
12	Strategies for increasing the participation in computing of students with disabilities. ACM Inroads, 2012, 3, 42-48.	0.4	12
13	Windows scheduling of arbitrary-length jobs on multiple machines. Journal of Scheduling, 2012, 15, 141-155.	1.3	4
14	Communication Technologies for People With Sensory Disabilities. Proceedings of the IEEE, 2012, 100, 957-973.	16.4	10
15	Improving Compressed Video Sign Language Conversations in the Presence of Data Loss. , 2011, , .		5
16	A general buffer scheme for the windows scheduling problem. Journal of Experimental Algorithmics, 2009, 13, .	0.7	1
17	H.264/MPEG-4 AVC Encoder Parameter Selection Algorithms for Complexity Distortion Tradeoff. , 2009, , .		13
18	Scheduling Techniques for Media-on-Demand. Algorithmica, 2008, 52, 413-439.	1.0	4

#	Article	IF	Citations
19	Optimal delay for media-on-demand with pre-loading and pre-buffering. Theoretical Computer Science, 2008, 399, 3-11.	0.5	6
20	Addressing Performance and Security in a Screen Reading Web Application That Enables Accessibility Anywhere. , 2008, , .		5
21	Activity detection in conversational sign language video for mobile telecommunication. , 2008, , .		12
22	Windows scheduling as a restricted version of bin packing. ACM Transactions on Algorithms, 2007, 3, 28.	0.9	27
23	Distortion-Complexity Optimization of the H.264/MPEG-4 AVC Encoder using the GBFOS Algorithm. , 2007, , .		15
24	MultiStage: A MINMAX Bit Allocation Algorithm for Video Coders. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 59-67.	5.6	16
25	Off-line and on-line guaranteed start-up delay for Media-on-Demand with stream merging. Journal of Discrete Algorithms, 2006, 4, 72-105.	0.7	5
26	Optimal Delay for Media-on-Demand with Pre-loading and Pre-buffering. Lecture Notes in Computer Science, 2006, , 171-181.	1.0	0
27	A General Buffer Scheme for the Windows Scheduling Problem. Lecture Notes in Computer Science, 2005, , 139-151.	1.0	3
28	Windows scheduling of arbitrary length jobs on parallel machines. , 2005, , .		3
29	Comparison of stream merging algorithms for media-on-demand. Multimedia Systems, 2004, 9, 411-423.	3.0	29
30	Efficient Algorithms for Optimal Stream Merging for Media-on-Demand. SIAM Journal on Computing, 2004, 33, 1011-1034.	0.8	16
31	Competitive on-line stream merging algorithms for media-on-demand. Journal of Algorithms, 2003, 48, 59-90.	0.9	7
32	Group testing for image compression using alternative transforms. Signal Processing: Image Communication, 2003, 18, 561-574.	1.8	3
33	Windows Scheduling Problems for Broadcast Systems. SIAM Journal on Computing, 2003, 32, 1091-1113.	0.8	49
34	Group testing for image compression. IEEE Transactions on Image Processing, 2002, 11, 901-911.	6.0	69
35	A Comparison of Cache Aware and Cache Oblivious Static Search Trees Using Program Instrumentation. Lecture Notes in Computer Science, 2002, , 78-92.	1.0	15
36	Optimizing static calendar queues. ACM Transactions on Modeling and Computer Simulation, 2000, 10, 179-214.	0.6	9

#	Article	IF	Citations
37	The Influence of Caches on the Performance of Sorting. Journal of Algorithms, 1999, 31, 66-104.	0.9	60
38	Computer accessibility for federal workers with disabilities: it's the law. Communications of the ACM, 1989, 32, 952-956.	3.3	10
39	Probabilistic game automata. Journal of Computer and System Sciences, 1988, 36, 452-489.	0.9	22
40	The Logic of Distributed Protocols. , 1986, , 207-222.		30
41	Solitaire automata. Journal of Computer and System Sciences, 1985, 30, 116-129.	0.9	6
42	Alternating Pushdown and Stack Automata. SIAM Journal on Computing, 1984, 13, 135-155.	0.8	93
43	Alternation bounded auxiliary pushdown automata. Information and Control, 1984, 62, 93-108.	1.3	14
44	Efficient parallel algorithms for linear recurrence computation. Information Processing Letters, 1982, 15, 31-35.	0.4	27
45	The complexity of problems in systems of communicating sequential processes. Journal of Computer and System Sciences, 1980, 21, 179-194.	0.9	23
46	Complexity Theory with Emphasis on the Complexity of Logical Theories. , 1980, , 286-319.		2
47	Parallel Prefix Computation. Journal of the ACM, 1980, 27, 831-838.	1.8	1,068
48	Propositional dynamic logic of regular programs. Journal of Computer and System Sciences, 1979, 18, 194-211.	0.9	846
49	The Computational Complexity of Provability in Systems of Modal Propositional Logic. SIAM Journal on Computing, 1977, 6, 467-480.	0.8	370
50	Relativization of questions about log space computability. Mathematical Systems Theory, 1976, 10, 19-32.	0.5	149
51	On the Structure of Polynomial Time Reducibility. Journal of the ACM, 1975, 22, 155-171.	1.8	586
52	The weak truth table degrees of recursively enumerable sets. Annals of Mathematical Logic, 1975, 8, 429-448.	0.7	72
53	The circuit value problem is log space complete for P. ACM SIGACT News, 1975, 7, 18-20.	0.1	253
54	Mitotic recursively enumerable sets. Journal of Symbolic Logic, 1973, 38, 199-211.	0.4	62

#	Article	IF	Citations
55	A completely mitotic nonrecursive r.e. degree. Transactions of the American Mathematical Society, 1973, 184, 479-507.	0.5	36