

Edward A Lee

List of Publications by Year in descending order

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220
papers

15,649
citations

66343

42
h-index

31849

101
g-index

232
all docs

232
docs citations

232
times ranked

7909
citing authors

#	ARTICLE	IF	CITATIONS
1	What Can Deep Neural Networks Teach Us About Embodied Bounded Rationality. <i>Frontiers in Psychology</i> , 2022, 13, 761808.	2.1	2
2	Programmable Logic Controllers in the Context of Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3523-3533.	11.3	37
3	Semantic Localization for IoT. <i>Studies in Computational Intelligence</i> , 2021, , 365-383.	0.9	1
4	Toward a Lingua Franca for Deterministic Concurrent Systems. <i>Transactions on Embedded Computing Systems</i> , 2021, 20, 1-27.	2.9	34
5	Determinism. <i>Transactions on Embedded Computing Systems</i> , 2021, 20, 1-34.	2.9	9
6	Time for All Programs, Not Just Real-Time Programs. <i>Lecture Notes in Computer Science</i> , 2021, , 213-232.	1.3	2
7	Verification of Cyberphysical Systems. <i>Mathematics</i> , 2020, 8, 1068.	2.2	18
8	Model Checking Software in Cyberphysical Systems. , 2020, , .		8
9	Reactors: A Deterministic Model for Composable Reactive Systems. <i>Lecture Notes in Computer Science</i> , 2020, , 59-85.	1.3	14
10	A Language for Deterministic Coordination Across Multiple Timelines. , 2020, , .		6
11	Gordian. <i>ACM Transactions on Cyber-Physical Systems</i> , 2020, 4, 1-27.	2.5	4
12	Lightweight Formal Method for Robust Routing in Track-based Traffic Control Systems. , 2020, , .		0
13	Opportunities for Industrial Control. <i>IFAC-PapersOnLine</i> , 2020, 53, 7839-7844.	0.9	0
14	Hybrid co-simulation: itâ€™s about time. <i>Software and Systems Modeling</i> , 2019, 18, 1655-1679.	2.7	46
15	Creating a Resilient IoT With Edge Computing. <i>Computer</i> , 2019, 52, 43-53.	1.1	8
16	Actors Revisited for Time-Critical Systems. , 2019, , .		15
17	Service Discovery for the Connected Car with Semantic Accessors. , 2019, , .		3
18	An Integrated Simulation Tool for Computer Architecture and Cyber-Physical Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 83-93.	1.3	2

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19	Observation and Interaction. Lecture Notes in Computer Science, 2019, , 31-42.	1.3	1
20	On Enabling Technologies for the Internet of Important Things. IEEE Access, 2019, 7, 27244-27256.	4.2	9
21	Dataset Culling: Towards Efficient Training of Distillation-Based Domain Specific Models. , 2019, , .		1
22	A Fundamental Look at Models and Intelligence. , 2019, , .		0
23	Work-in-Progress: Real-Time Reactors in C. , 2019, , .		0
24	Deterministic Actors. , 2019, , .		18
25	Programs with ironclad timing guarantees. , 2019, , .		3
26	Freedom From Choice and the Power of Models. , 2019, , .		0
27	A Component Architecture for the Internet of Things. Proceedings of the IEEE, 2018, 106, 1527-1542.	21.3	29
28	What Is Real Time Computing? A Personal View. IEEE Design and Test, 2018, 35, 64-72.	1.2	8
29	Hybrid Co-simulation. , 2018, , .		6
30	Modeling in engineering and science. Communications of the ACM, 2018, 62, 35-36.	4.5	9
31	Deterministic Timing for the Industrial Internet of Things. , 2018, , .		8
32	What Good are Models?. Lecture Notes in Computer Science, 2018, , 3-31.	1.3	20
33	AWStream. , 2018, , .		124
34	Coordinated actor model of self-adaptive track-based traffic control systems. Journal of Systems and Software, 2018, 143, 116-139.	4.5	21
35	Is software the result of top-down intelligent design or evolution?. Communications of the ACM, 2018, 61, 34-36.	4.5	12
36	Fundamental Limits of Cyber-Physical Systems Modeling. ACM Transactions on Cyber-Physical Systems, 2017, 1, 1-26.	2.5	49

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37	Authentication and Authorization for the Internet of Things. IT Professional, 2017, 19, 27-33.	1.5	96
38	A Toolkit for Construction of Authorization Service Infrastructure for the Internet of Things. , 2017, , .		26
39	Contextual callbacks for resource discovery and trust negotiation on the internet of things. , 2017, , .		1
40	An Architectural Mechanism for Resilient IoT Services. , 2017, , .		5
41	Abstract PRET Machines. , 2017, , .		15
42	Coordinated Actors for Reliable Self-adaptive Systems. Lecture Notes in Computer Science, 2017, , 241-259.	1.3	8
43	autoCode4: Structural Controller Synthesis. Lecture Notes in Computer Science, 2017, , 398-404.	1.3	10
44	Design and Usability of a Heart Failure mHealth System: A Pilot Study. JMIR Human Factors, 2017, 4, e9.	2.0	49
45	Cooperative multi-robot information acquisition based on distributed robust model predictive control. , 2016, , .		0
46	Information seeking and model predictive control of a cooperative multi-robot system. Artificial Life and Robotics, 2016, 21, 393-398.	1.2	3
47	Control Improvisation with Probabilistic Temporal Specifications. , 2016, , .		6
48	Toward a Global Data Infrastructure. IEEE Internet Computing, 2016, 20, 54-62.	3.3	17
49	Systems Engineering for Industrial Cyber-Physical Systems Using Aspects. Proceedings of the IEEE, 2016, 104, 997-1012.	21.3	57
50	A Secure Network Architecture for the Internet of Things Based on Local Authorization Entities. , 2016, , .		22
51	Step revision in hybrid Co-simulation with FMI. , 2016, , .		13
52	Demo Abstract: Building IoT Applications with Accessors in CapeCode. , 2016, , .		0
53	Uncertainty Analysis of Middleware Services for Streaming Smart Grid Applications. IEEE Transactions on Services Computing, 2016, 9, 174-185.	4.6	10
54	FIDE. , 2016, , .		20

#	ARTICLE	IF	CITATIONS
55	Modeling and simulating cyber-physical systems using CyPhySim. , 2015, , .		19
56	Modeling and Simulation of Network Aspects for Distributed Cyber-Physical Energy Systems. Power Systems, 2015, , 1-23.	0.5	7
57	The fixed-point theory of strictly causal functions. Theoretical Computer Science, 2015, 574, 39-77.	0.9	8
58	A predictable and command-level priority-based DRAM controller for mixed-criticality systems. , 2015, , .		23
59	The Past, Present and Future of Cyber-Physical Systems: A Focus on Models. Sensors, 2015, 15, 4837-4869.	3.8	463
60	A Vision of Swarmlets. IEEE Internet Computing, 2015, 19, 20-28.	3.3	43
61	System simulation from operational data. , 2015, , .		2
62	Requirements for hybrid cosimulation standards. , 2015, , .		38
63	CyPhySim. , 2015, , .		11
64	A model for semantic localization. , 2015, , .		2
65	Ramifications of software implementation and deployment: A case study on yaw moment controller design. , 2015, , .		3
66	An Interface Theory for the Internet of Things. Lecture Notes in Computer Science, 2015, , 20-34.	1.3	14
67	Metronomy. , 2014, , .		23
68	Constructive Models of Discrete and Continuous Physical Phenomena. IEEE Access, 2014, 2, 797-821.	4.2	37
69	Aspect-oriented Modeling of Attacks in Automotive Cyber-Physical Systems. , 2014, , .		53
70	FlexPRET: A processor platform for mixed-criticality systems. , 2014, , .		83
71	MyHeart: An intelligent mHealth home monitoring system supporting heart failure self-care. , 2014, , .		14
72	It's about Time: Leveraging Clock Synchronization for Distributed Real-Time Programming. , 2014, , .		1

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73	The Swarm at the Edge of the Cloud. IEEE Design and Test, 2014, 31, 8-20.	1.2	83
74	Industrial Cyber-Physical Systems – iCyPhy. , 2014, , 21-37.		23
75	Constructive Collisions. Lecture Notes in Computer Science, 2014, , 161-176.	1.3	0
76	Determinate composition of FMUs for co-simulation. , 2013, , .		71
77	Using Ptdes and synchronized clocks to design distributed systems with deterministic system wide timing. , 2013, , .		7
78	A tool integration approach for architectural exploration of aircraft electric power systems. , 2013, , .		7
79	Compositionality in synchronous data flow. Transactions on Embedded Computing Systems, 2013, 12, 1-26.	2.9	39
80	A modular formal semantics for Ptolemy. Mathematical Structures in Computer Science, 2013, 23, 834-881.	0.6	36
81	Cyber-physical system design contracts. , 2013, , .		82
82	On Fixed Points of Strictly Causal Functions. Lecture Notes in Computer Science, 2013, , 183-197.	1.3	11
83	On the Verification of Timed Discrete-Event Models. Lecture Notes in Computer Science, 2013, , 213-227.	1.3	4
84	An Axiomatization of the Theory of Generalized Ultrametric Semilattices of Linear Signals. Lecture Notes in Computer Science, 2013, , 248-258.	1.3	3
85	Error-Completion in Interface Theories. Lecture Notes in Computer Science, 2013, , 358-375.	1.3	2
86	Viewpoints, formalisms, languages, and tools for cyber-physical systems. , 2012, , .		53
87	A Heterogeneous Architecture for Evaluating Real-Time One-Dimensional Computational Fluid Dynamics on FPGAs. , 2012, , .		5
88	PtidyOS: A Lightweight Microkernel for Ptdes Real-Time Systems. , 2012, , .		6
89	A PRET microarchitecture implementation with repeatable timing and competitive performance. , 2012, , .		64
90	Verifying hierarchical Ptolemy II discrete-event models using Real-Time Maude. Science of Computer Programming, 2012, 77, 1235-1271.	1.9	26

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91	The Coroutine Model of Computation. Lecture Notes in Computer Science, 2012, , 319-334.	1.3	1
92	Multi-view Modeling and Pragmatics in 2020. Lecture Notes in Computer Science, 2012, , 209-223.	1.3	14
93	Modeling Cyber-Physical Systems. Proceedings of the IEEE, 2012, 100, 13-28.	21.3	566
94	Distributed Real-Time Software for Cyber-Physical Systems. Proceedings of the IEEE, 2012, 100, 45-59.	21.3	128
95	Network latency and packet delay variation in cyber-physical systems. , 2011, , .		11
96	A model-based design methodology for cyber-physical systems. , 2011, , .		143
97	Time-predictable and composable architectures for dependable embedded systems. , 2011, , .		1
98	Temporal isolation on multiprocessing architectures. , 2011, , .		42
99	PRET DRAM controller. , 2011, , .		131
100	Heterogeneous actor modeling. , 2011, , .		7
101	An introductory capstone design course on embedded systems. , 2011, , .		6
102	Component-based design for the future. , 2011, , .		20
103	PTIDES model on a distributed testbed emulating smart grid real-time applications. , 2011, , .		3
104	A Theory of Synchronous Relational Interfaces. ACM Transactions on Programming Languages and Systems, 2011, 33, 1-41.	2.1	50
105	A practical ontology framework for static model analysis. , 2011, , .		8
106	Equation-Based Object-Oriented Modeling Languages and Tools. Lecture Notes in Computer Science, 2011, , 140-144.	1.3	0
107	Exploring models of computation with ptolemy II. , 2010, , .		16
108	A PRET architecture supporting concurrent programs with composable timing properties. , 2010, , .		45

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109	An introductory textbook on cyber-physical systems. , 2010, , .		18
110	CPS foundations. , 2010, , .		230
111	Modeling and analyzing real-time multiprocessor systems. , 2010, , .		2
112	Model-based specification of timing requirements. , 2010, , .		8
113	Ptera. , 2010, , .		6
114	Deploying Hard Real-Time Control Software on Chip-Multiprocessors. , 2010, , .		6
115	Disciplined Heterogeneous Modeling. Lecture Notes in Computer Science, 2010, , 273-287.	1.3	21
116	Code Generation for Embedded Java with Ptolemy. Lecture Notes in Computer Science, 2010, , 155-166.	1.3	4
117	The semantics of dataflow with firing. , 2009, , 71-94.		12
118	Toward the Design of Robotic Software with Verifiable Safety. , 2009, , .		0
119	Classes and inheritance in actor-oriented design. Transactions on Embedded Computing Systems, 2009, 8, 1-26.	2.9	13
120	The design and application of structured types in Ptolemy II. International Journal of Intelligent Systems, 2009, 25, n/a-n/a.	5.7	0
121	Heterogeneous composition of models of computation. Future Generation Computer Systems, 2009, 25, 552-560.	7.5	44
122	Time-critical networking - Invited presentation. , 2009, , .		5
123	A disruptive computer design idea: Architectures with repeatable timing. , 2009, , .		27
124	Introducing embedded systems: a cyber-physical approach. , 2009, , .		10
125	Computing needs time. Communications of the ACM, 2009, 52, 70-79.	4.5	162
126	Execution Strategies for PTIDES, a Programming Model for Distributed Embedded Systems. , 2009, , .		30

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127	The Case for Timing-Centric Distributed Software Invited Paper. , 2009, , .		9
128	PTIDES on flexible task graph. ACM SIGPLAN Notices, 2009, 44, 31-40.	0.2	4
129	PTIDES on flexible task graph. , 2009, , .		2
130	Scalable Semantic Annotation Using Lattice-Based Ontologies. Lecture Notes in Computer Science, 2009, , 393-407.	1.3	23
131	On relational interfaces. , 2009, , .		16
132	CPO semantics of timed interactive actor networks. Theoretical Computer Science, 2008, 409, 110-125.	0.9	35
133	Advances in hardware design and implementation of signal processing systems [DSP Forum]. IEEE Signal Processing Magazine, 2008, 25, 175-180.	5.6	4
134	Cyber Physical Systems: Design Challenges. , 2008, , .		2,280
135	Time is a Resource, and Other Stories. , 2008, , .		0
136	An Automated Mapping of Timed Functional Specification to a Precision Timed Architecture. , 2008, , .		0
137	Real-Time Distributed Discrete-Event Execution with Fault Tolerance. , 2008, , .		16
138	Causality interfaces for actor networks. Transactions on Embedded Computing Systems, 2008, 7, 1-35.	2.9	20
139	Predictable programming on a precision timed architecture. , 2008, , .		102
140	Branch-on-random. , 2008, , .		5
141	Simulation and Implementation of the PTIDES Programming Model. , 2008, , .		10
142	Composing Different Models of Computation in Kepler and Ptolemy II. Lecture Notes in Computer Science, 2007, , 182-190.	1.3	23
143	Leveraging synchronous language principles for heterogeneous modeling and design of embedded systems. , 2007, , .		70
144	The case for the precision timed (PRET) machine. Proceedings - Design Automation Conference, 2007, , .	0.0	97

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145	Keynote Speeches. , 2007, , .		0
146	On Determinism in Event-Triggered Distributed Systems with Time Synchronization. , 2007, , .		8
147	A Programming Model for Time-Synchronized Distributed Real-Time Systems. Real Time and Embedded Technology and Applications Symposium (RTAS), IEEE, 2007, , .	0.0	102
148	A Code Generation Framework for Actor-Oriented Models with Partial Evaluation. Lecture Notes in Computer Science, 2007, , 193-206.	1.3	12
149	The Case for the Precision Timed (PRET) Machine. Proceedings - Design Automation Conference, 2007, , .	0.0	15
150	Discrete Event Models: Getting the Semantics Right. , 2006, , .		1
151	Incremental Checkpointing with Application to Distributed Discrete Event Simulation. , 2006, , .		6
152	Concurrent Semantics Without the Notions of State or State Transitions. Lecture Notes in Computer Science, 2006, , 18-31.	1.3	5
153	Modeling Timed Concurrent Systems. Lecture Notes in Computer Science, 2006, , 1-15.	1.3	27
154	The Problem with Threads. Computer, 2006, 39, 33-42.	1.1	573
155	Scientific workflow management and the Kepler system. Concurrency Computation Practice and Experience, 2006, 18, 1039-1065.	2.2	1,333
156	A causality interface for deadlock analysis in dataflow. , 2006, , .		17
157	Hyvisual: A Hybrid System Modeling Framework Based on Ptolemy II [1] This work was supported in part by the Center for Hybrid and Embedded Software Systems (CHESS) at UC Berkeley, which receives support from the National Science Foundation (NSF award No. CCR-0225610): the State of California Micro Program, and the following companies: Agilent, DGIST, General Motors, Hewlett Packard, Infineon, Microsoft, and Toyota. , 2006, , 270-271.		0
158	Concurrent models of computation for embedded software. IEE Proceedings: Computers and Digital Techniques, 2005, 152, 239.	1.6	24
159	Absolutely positively on time: what would it take? [embedded computing systems. Computer, 2005, 38, 85-87.	1.1	37
160	Engineering Education: A Focus on Systems. , 2005, , 69-77.		0
161	The design and application of structured types in Ptolemy II. , 2005, , .		2
162	Counting interface automata and their application in static analysis of actor models. , 2005, , .		3

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163	Operational Semantics of Hybrid Systems. Lecture Notes in Computer Science, 2005, , 25-53.	1.3	121
164	Heterogeneous Modeling and Design of Control Systems. , 2004, , 105-122.		30
165	A behavioral type system and its application in Ptolemy II. Formal Aspects of Computing, 2004, 16, 210.	1.8	51
166	Actor-Oriented Control System Design: A Responsible Framework Perspective. IEEE Transactions on Control Systems Technology, 2004, 12, 250-262.	5.2	35
167	Modeling of sensor nets in Ptolemy II. , 2004, , .		59
168	Actor-Oriented Models for Codesign. , 2004, , 33-56.		8
169	The semantics and execution of a synchronous block-diagram language. Science of Computer Programming, 2003, 48, 21-42.	1.9	76
170	Timed multitasking for real-time embedded software. IEEE Control Systems, 2003, 23, 65-75.	0.8	62
171	Taming heterogeneity - the Ptolemy approach. Proceedings of the IEEE, 2003, 91, 127-144.	21.3	735
172	Actor-Oriented Design of Embedded Hardware and Software Systems. Journal of Circuits, Systems and Computers, 2003, 12, 231-260.	1.5	165
173	On the Causality of Mixed-Signal and Hybrid Models. Lecture Notes in Computer Science, 2003, , 328-342.	1.3	12
174	A component-based approach to modeling and simulating mixed-signal and hybrid systems. ACM Transactions on Modeling and Computer Simulation, 2002, 12, 343-368.	0.8	24
175	Embedded Software. Advances in Computers, 2002, 56, 55-95.	1.6	49
176	Multidimensional synchronous dataflow. IEEE Transactions on Signal Processing, 2002, 50, 2064-2079.	5.3	80
177	Dataflow Process Networksâ€¦ Manuscript received August 29, 1994; revised January 30, 1995. This work is part of the Ptolemy project, which is supported by the Advanced Research Projects Agency and the US Air Force under the RASSP program contract number F33615-93-C-1317, Semiconductor Research Corp. project number 94-DC-008, National Science Foundation contract number MIP-9201605, Office of Naval Technology (MIP-9201605), Office of Naval Technology (Naval Research Laboratories), State of California MICRO program, and the followin. , 2002, , 452-464.		10
178	Generating Compact Code from Dataflow Specifications of Multirate Signal Processing companies: Algorithmsâ€¦ Manuscript received May 25, 1993 December 1, 1994 This work was part of the Ptolemy project, supported by the Advanced Research Projects Agency and U. S. Air Force (RASSP program,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
179	What's ahead for embedded software?. Computer, 2000, 33, 18-26.	1.1	158
180	A code generation framework for Java component-based designs. , 2000, , .		6

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181	An Extensible Type System for Component-Based Design. Lecture Notes in Computer Science, 2000, , 20-37.	1.3	19
182	Advances in the dataflow computational model. Parallel Computing, 1999, 25, 1907-1929.	2.1	72
183	Modeling concurrent real-time processes using discrete events. Annals of Software Engineering, 1999, 7, 25-45.	0.5	98
184	Synthesis of Embedded Software from Synchronous Dataflow Specifications. Journal of Signal Processing Systems, 1999, 21, 151-166.	1.0	150
185	Hierarchical finite state machines with multiple concurrency models. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1999, 18, 742-760.	2.7	197
186	Interoperation of heterogeneous CAD tools in Ptolemy II. , 1999, , .		6
187	Engineering an education for the future. Computer, 1998, 31, 77-85.	1.1	39
188	A framework for comparing models of computation. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1998, 17, 1217-1229.	2.7	480
189	Compile-time scheduling of dynamic constructs in dataflow program graphs. IEEE Transactions on Computers, 1997, 46, 768-778.	3.4	43
190	Design of embedded systems: formal models, validation, and synthesis. Proceedings of the IEEE, 1997, 85, 366-390.	21.3	351
191	Optimizing synchronization in multiprocessor DSP systems. IEEE Transactions on Signal Processing, 1997, 45, 1605-1618.	5.3	16
192	Heterogeneous Simulationâ€”Mixing Discrete-Event Models with Dataflow. Journal of Signal Processing Systems, 1997, 15, 127-144.	1.0	38
193	Determining the Order of Processor Transactions in Statically Scheduled Multiprocessors. Journal of Signal Processing Systems, 1997, 15, 207-220.	1.0	21
194	Joint Minimization of Code and Data for Synchronous Dataflow Programs. Formal Methods in System Design, 1997, 11, 41-70.	0.8	52
195	Title is missing!. Design Automation for Embedded Systems, 1997, 2, 33-60.	1.0	38
196	Title is missing!. Design Automation for Embedded Systems, 1997, 2, 125-163.	1.0	70
197	Capacity penalty due to ideal zero-forcing decision-feedback equalization. IEEE Transactions on Information Theory, 1996, 42, 1062-1071.	2.4	8
198	Complexity management in system-level design. Journal of Signal Processing Systems, 1996, 14, 157-169.	1.0	2

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199	Software Synthesis from Dataflow Graphs. Kluwer International Series in Engineering and Computer Science, 1996, , .	0.2	253
200	<title>Symbolic computation in system simulation and design</title>. , 1995, , .		1
201	Software synthesis for DSP using ptolemy. Journal of Signal Processing Systems, 1995, 9, 7-21.	1.0	85
202	Dataflow process networks. Proceedings of the IEEE, 1995, 83, 773-801.	21.3	683
203	Generating compact code from dataflow specifications of multirate signal processing algorithms. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1995, 42, 138-150.	0.1	30
204	Looped schedules for dataflow descriptions of multirate signal processing algorithms. Formal Methods in System Design, 1994, 5, 183-205.	0.8	15
205	Memory management for dataflow programming of multirate signal processing algorithms. IEEE Transactions on Signal Processing, 1994, 42, 1190-1201.	5.3	27
206	A compile-time scheduling heuristic for interconnection-constrained heterogeneous processor architectures. IEEE Transactions on Parallel and Distributed Systems, 1993, 4, 175-187.	5.6	703
207	Scheduling synchronous dataflow graphs for efficient looping. Journal of Signal Processing Systems, 1993, 6, 271-288.	1.0	34
208	Simulation of multipath impulse response for indoor wireless optical channels. IEEE Journal on Selected Areas in Communications, 1993, 11, 367-379.	14.0	705
209	Declustering: a new multiprocessor scheduling technique. IEEE Transactions on Parallel and Distributed Systems, 1993, 4, 625-637.	5.6	55
210	High-speed nondirective optical communication for wireless networks. IEEE Network, 1991, 5, 44-54.	6.9	67
211	Compile-time scheduling and assignment of data-flow program graphs with data-dependent iteration. IEEE Transactions on Computers, 1991, 40, 1225-1238.	3.4	48
212	Consistency in dataflow graphs. IEEE Transactions on Parallel and Distributed Systems, 1991, 2, 223-235.	5.6	89
213	Performance of coherent optical receivers. Proceedings of the IEEE, 1990, 78, 1369-1394.	21.3	147
214	Programmable DSPs: a brief overview. IEEE Micro, 1990, 10, 14-16.	1.8	21
215	Gabriel: a design environment for DSP. IEEE Micro, 1990, 10, 28-45.	1.8	33
216	Gabriel: a design environment for DSP. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 1751-1762.	2.0	78

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217	Programmable DSP architectures. I. IEEE ASSP Magazine (Acoustics, Speech, and Signal Processing), 1988, 5, 4-19.	4.6	100
218	Fast recursive filtering with multiple slow processing elements. IEEE Transactions on Circuits and Systems, 1985, 32, 1119-1129.	0.9	53
219	A Constructive Fixed-Point Theorem and the Feedback Semantics of Timed Systems. , 0, , .		18
220	The Fixed-Point Theory of Strictly Contracting Functions on Generalized Ultrametric Semilattices. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 126, 56-71.	0.8	1