

# Edward A Lee

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5106716/edward-a-lee-publications-by-year.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208  
papers

11,011  
citations

43  
h-index

102  
g-index

232  
ext. papers

13,301  
ext. citations

2.8  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
208	What Can Deep Neural Networks Teach Us About Embodied Bounded Rationality.. <i>Frontiers in Psychology</i> , <b>2022</b> , 13, 761808	3.4	
207	Time for All Programs, Not Just Real-Time Programs. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 213-232	0.9	1
206	Toward a Lingua Franca for Deterministic Concurrent Systems. <i>Transactions on Embedded Computing Systems</i> , <b>2021</b> , 20, 1-27	1.8	7
205	Determinism. <i>Transactions on Embedded Computing Systems</i> , <b>2021</b> , 20, 1-34	1.8	1
204	Programmable Logic Controllers in the Context of Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 3523-3533	11.9	8
203	Semantic Localization for IoT. <i>Studies in Computational Intelligence</i> , <b>2021</b> , 365-383	0.8	
202	<b>2020</b> ,		4
201	Gordian. <i>ACM Transactions on Cyber-Physical Systems</i> , <b>2020</b> , 4, 1-27	2.3	1
200	Opportunities for Industrial Control. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7839-7844	0.7	
199	Reactors: A Deterministic Model for Composable Reactive Systems. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 59-85	0.9	10
198	Verification of Cyberphysical Systems. <i>Mathematics</i> , <b>2020</b> , 8, 1068	2.3	10
197	Model Checking Software in Cyberphysical Systems <b>2020</b> ,		7
196	Actors Revisited for Time-Critical Systems <b>2019</b> ,		10
195	Service Discovery for the Connected Car with Semantic Accessors <b>2019</b> ,		2
194	An Integrated Simulation Tool for Computer Architecture and Cyber-Physical Systems. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 83-93	0.9	1
193	Observation and Interaction. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 31-42	0.9	1
192	. <i>IEEE Access</i> , <b>2019</b> , 7, 27244-27256	3.5	8

191	Hybrid co-simulation: it's about time. <i>Software and Systems Modeling</i> , <b>2019</b> , 18, 1655-1679	1.9	25
190	Creating a Resilient IoT With Edge Computing. <i>Computer</i> , <b>2019</b> , 52, 43-53	1.6	4
189	Programs with ironclad timing guarantees <b>2019</b> ,		3
188	Deterministic Actors <b>2019</b> ,		12
187	A Component Architecture for the Internet of Things. <i>Proceedings of the IEEE</i> , <b>2018</b> , 106, 1527-1542	14.3	16
186	What Is Real Time Computing? A Personal View. <i>IEEE Design and Test</i> , <b>2018</b> , 35, 64-72	1.4	6
185	Is software the result of top-down intelligent design or evolution?. <i>Communications of the ACM</i> , <b>2018</b> , 61, 34-36	2.5	7
184	Hybrid Co-simulation <b>2018</b> ,		6
183	Modeling in engineering and science. <i>Communications of the ACM</i> , <b>2018</b> , 62, 35-36	2.5	6
182	Deterministic Timing for the Industrial Internet of Things <b>2018</b> ,		8
181	What Good are Models?. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 3-31	0.9	11
180	AWStream <b>2018</b> ,		36
179	Models of Timed Systems. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 17-33	0.9	1
178	Coordinated actor model of self-adaptive track-based traffic control systems. <i>Journal of Systems and Software</i> , <b>2018</b> , 143, 116-139	3.3	13
177	Fundamental Limits of Cyber-Physical Systems Modeling. <i>ACM Transactions on Cyber-Physical Systems</i> , <b>2017</b> , 1, 1-26	2.3	33
176	. <i>IT Professional</i> , <b>2017</b> , 19, 27-33	1.9	69
175	A Toolkit for Construction of Authorization Service Infrastructure for the Internet of Things <b>2017</b> ,		17
174	An Architectural Mechanism for Resilient IoT Services <b>2017</b> ,		4

173	Abstract PRET Machines <b>2017</b> ,		10
172	Design and Usability of a Heart Failure mHealth System: A Pilot Study. <i>JMIR Human Factors</i> , <b>2017</b> , 4, e9	2.5	24
171	Coordinated Actors for Reliable Self-adaptive Systems. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 241-259	0.9	5
170	autoCode4: Structural Controller Synthesis. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 398-404	0.9	7
169	Uncertainty Analysis of Middleware Services for Streaming Smart Grid Applications. <i>IEEE Transactions on Services Computing</i> , <b>2016</b> , 9, 174-185	4.8	10
168	Step revision in hybrid Co-simulation with FMI <b>2016</b> ,		10
167	FIDE <b>2016</b> ,		14
166	Information seeking and model predictive control of a cooperative multi-robot system. <i>Artificial Life and Robotics</i> , <b>2016</b> , 21, 393-398	0.6	2
165	Control Improvisation with Probabilistic Temporal Specifications <b>2016</b> ,		4
164	Toward a Global Data Infrastructure. <i>IEEE Internet Computing</i> , <b>2016</b> , 20, 54-62	2.4	12
163	Systems Engineering for Industrial CyberPhysical Systems Using Aspects. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 997-1012	14.3	41
162	A Secure Network Architecture for the Internet of Things Based on Local Authorization Entities <b>2016</b> ,		15
161	The fixed-point theory of strictly causal functions. <i>Theoretical Computer Science</i> , <b>2015</b> , 574, 39-77	1.1	6
160	A predictable and command-level priority-based DRAM controller for mixed-criticality systems <b>2015</b> ,		12
159	The past, present and future of cyber-physical systems: a focus on models. <i>Sensors</i> , <b>2015</b> , 15, 4837-69	3.8	317
158	A Vision of Swarmlets. <i>IEEE Internet Computing</i> , <b>2015</b> , 19, 20-28	2.4	33
157	System simulation from operational data <b>2015</b> ,		2
156	Requirements for hybrid cosimulation standards <b>2015</b> ,		27

155	CyPhySim <b>2015</b> ,		8
154	A model for semantic localization <b>2015</b> ,		1
153	Ramifications of software implementation and deployment: A case study on yaw moment controller design <b>2015</b> ,		1
152	Modeling and simulating cyber-physical systems using CyPhySim <b>2015</b> ,		14
151	Modeling and Simulation of Network Aspects for Distributed Cyber-Physical Energy Systems. <i>Power Systems</i> , <b>2015</b> , 1-23	0.4	5
150	An Interface Theory for the Internet of Things. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 20-34	0.9	13
149	The Swarm at the Edge of the Cloud. <i>IEEE Design and Test</i> , <b>2014</b> , 31, 8-20	1.4	62
148	Metronomy <b>2014</b> ,		16
147	Constructive Models of Discrete and Continuous Physical Phenomena. <i>IEEE Access</i> , <b>2014</b> , 2, 797-821	3.5	25
146	Aspect-oriented Modeling of Attacks in Automotive Cyber-Physical Systems <b>2014</b> ,		38
145	FlexPRET: A processor platform for mixed-criticality systems <b>2014</b> ,		50
144	MyHeart: An intelligent mHealth home monitoring system supporting heart failure self-care <b>2014</b> ,		11
143	Industrial Cyber-Physical Systems [CyPhy <b>2014</b> , 21-37		19
142	Constructive Collisions. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 161-176	0.9	
141	Determinate composition of FMUs for co-simulation <b>2013</b> ,		59
140	Using Pttides and synchronized clocks to design distributed systems with deterministic system wide timing <b>2013</b> ,		4
139	A tool integration approach for architectural exploration of aircraft electric power systems <b>2013</b> ,		4
138	Compositionality in synchronous data flow. <i>Transactions on Embedded Computing Systems</i> , <b>2013</b> , 12, 1-26.8		33

137	A modular formal semantics for Ptolemy II. <i>Mathematical Structures in Computer Science</i> , <b>2013</b> , 23, 834-881	0.5	28
136	Cyber-physical system design contracts <b>2013</b> ,		59
135	On Fixed Points of Strictly Causal Functions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 183-197	0.9	6
134	On the Verification of Timed Discrete-Event Models. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 213-227	0.9	2
133	An Axiomatization of the Theory of Generalized Ultrametric Semilattices of Linear Signals. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 248-258	0.9	2
132	Error-Completion in Interface Theories. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 358-375	0.9	2
131	The Fixed-Point Theory of Strictly Causal Functions <b>2013</b> ,		3
130	Modeling Cyber-Physical Systems. <i>Proceedings of the IEEE</i> , <b>2012</b> , 100, 13-28	14.3	403
129	Distributed Real-Time Software for Cyber-Physical Systems. <i>Proceedings of the IEEE</i> , <b>2012</b> , 100, 45-59	14.3	107
128	A Heterogeneous Architecture for Evaluating Real-Time One-Dimensional Computational Fluid Dynamics on FPGAs <b>2012</b> ,		4
127	PtiddyOS: A Lightweight Microkernel for Pthreads Real-Time Systems <b>2012</b> ,		4
126	A PRET microarchitecture implementation with repeatable timing and competitive performance <b>2012</b> ,		47
125	Verifying hierarchical Ptolemy II discrete-event models using Real-Time Maude. <i>Science of Computer Programming</i> , <b>2012</b> , 77, 1235-1271	1.1	15
124	The Coroutine Model of Computation. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 319-334	0.9	1
123	Multi-view Modeling and Pragmatics in 2020. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 209-223	0.9	12
122	Viewpoints, formalisms, languages, and tools for cyber-physical systems <b>2012</b> ,		42
121	From Transitions to Executions. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 170-190	0.9	1
120	Network latency and packet delay variation in cyber-physical systems <b>2011</b> ,		4

119	A model-based design methodology for cyber-physical systems <b>2011</b> ,		103
118	Temporal isolation on multiprocessing architectures <b>2011</b> ,		39
117	PRET DRAM controller <b>2011</b> ,		95
116	Heterogeneous actor modeling <b>2011</b> ,		6
115	<b>2011</b> ,		4
114	Component-based design for the future <b>2011</b> ,		14
113	PTIDES model on a distributed testbed emulating smart grid real-time applications <b>2011</b> ,		3
112	A Theory of Synchronous Relational Interfaces. <i>ACM Transactions on Programming Languages and Systems</i> , <b>2011</b> , 33, 1-41	1.6	43
111	A practical ontology framework for static model analysis <b>2011</b> ,		4
110	Equation-Based Object-Oriented Modeling Languages and Tools. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 140-144	0.9	
109	A PRET architecture supporting concurrent programs with composable timing properties <b>2010</b> ,		36
108	An introductory textbook on cyber-physical systems <b>2010</b> ,		13
107	CPS foundations <b>2010</b> ,		176
106	Model-based specification of timing requirements <b>2010</b> ,		6
105	Ptera <b>2010</b> ,		2
104	Deploying Hard Real-Time Control Software on Chip-Multiprocessors <b>2010</b> ,		2
103	Exploring models of computation with ptolemy II <b>2010</b> ,		13
102	Disciplined Heterogeneous Modeling. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 273-287	0.9	19

101	Code Generation for Embedded Java with Ptolemy. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 155-166	0.9	4
100	Classes and inheritance in actor-oriented design. <i>Transactions on Embedded Computing Systems</i> , <b>2009</b> , 8, 1-26	1.8	9
99	Heterogeneous composition of models of computation. <i>Future Generation Computer Systems</i> , <b>2009</b> , 25, 552-560	7.5	29
98	Time-critical networking - Invited presentation <b>2009</b> ,		3
97	A disruptive computer design idea: Architectures with repeatable timing <b>2009</b> ,		16
96	Introducing embedded systems: a cyber-physical approach <b>2009</b> ,		8
95	Computing needs time. <i>Communications of the ACM</i> , <b>2009</b> , 52, 70-79	2.5	126
94	Execution Strategies for PTIDES, a Programming Model for Distributed Embedded Systems <b>2009</b> ,		20
93	The Case for Timing-Centric Distributed Software Invited Paper <b>2009</b> ,		5
92	PTIDES on flexible task graph. <i>ACM SIGPLAN Notices</i> , <b>2009</b> , 44, 31-40	0.2	3
91	On relational interfaces <b>2009</b> ,		13
90	Finite State Machines and Modal Models in Ptolemy II <b>2009</b> ,		11
89	Scalable Semantic Annotation Using Lattice-Based Ontologies. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 393-407	0.9	17
88	Compositionality in Synchronous Data Flow: Modular Code Generation from Hierarchical SDF Graphs <b>2009</b> ,		4
87	Advances in hardware design and implementation of signal processing systems [DSP Forum]. <i>IEEE Signal Processing Magazine</i> , <b>2008</b> , 25, 175-180	9.4	3
86	Cyber Physical Systems: Design Challenges <b>2008</b> ,		1612
85	Real-Time Distributed Discrete-Event Execution with Fault Tolerance <b>2008</b> ,		10
84	Causality interfaces for actor networks. <i>Transactions on Embedded Computing Systems</i> , <b>2008</b> , 7, 1-35	1.8	16

83	Predictable programming on a precision timed architecture <b>2008</b> ,			74
82	Branch-on-random <b>2008</b> ,			4
81	Simulation and Implementation of the PTIDES Programming Model <b>2008</b> ,			8
80	CPO semantics of timed interactive actor networks. <i>Theoretical Computer Science</i> , <b>2008</b> , 409, 110-125	1.1		20
79	On Determinism in Event-Triggered Distributed Systems with Time Synchronization <b>2007</b> ,			6
78	A Programming Model for Time-Synchronized Distributed Real-Time Systems. <i>Real Time and Embedded Technology and Applications Symposium (RTAS), IEEE</i> , <b>2007</b> ,			71
77	Composing Different Models of Computation in Kepler and Ptolemy II. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 182-190	0.9		16
76	Leveraging synchronous language principles for heterogeneous modeling and design of embedded systems <b>2007</b> ,			53
75	The case for the precision timed (PRET) machine. <i>Proceedings - Design Automation Conference</i> , <b>2007</b> ,			52
74	The Case for the Precision Timed (PRET) Machine. <i>Proceedings - Design Automation Conference</i> , <b>2007</b> ,			10
73	Reinventing Computing for Real Time <b>2007</b> , 1-25			3
72	A Code Generation Framework for Actor-Oriented Models with Partial Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 193-206	0.9		8
71	The problem with threads. <i>Computer</i> , <b>2006</b> , 39, 33-42	1.6		421
70	Scientific workflow management and the Kepler system. <i>Concurrency Computation Practice and Experience</i> , <b>2006</b> , 18, 1039-1065	1.4		1001
69	A causality interface for deadlock analysis in dataflow <b>2006</b> ,			12
68	Incremental Checkpointing with Application to Distributed Discrete Event Simulation <b>2006</b> ,			5
67	Concurrent Semantics Without the Notions of State or State Transitions. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 18-31	0.9		3
66	Modeling Timed Concurrent Systems. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 1-15	0.9		18

65	Hyvisual: A Hybrid System Modeling Framework Based on Ptolemy II <b>2006</b> , 270-271		
64	Beyond Zeno: Get on with It!. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 568-582	0.9	13
63	Engineering Education: A Focus on Systems <b>2005</b> , 69-77		
62	Counting interface automata and their application in static analysis of actor models <b>2005</b> ,		3
61	Operational Semantics of Hybrid Systems. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 25-53	0.9	78
60	Concurrent models of computation for embedded software. <i>IEE Proceedings: Computers and Digital Techniques</i> , <b>2005</b> , 152, 239		12
59	Absolutely positively on time: what would it take? [embedded computing systems]. <i>Computer</i> , <b>2005</b> , 38, 85-87	1.6	27
58	Heterogeneous Modeling and Design of Control Systems <b>2004</b> , 105-122		10
57	A behavioral type system and its application in Ptolemy II. <i>Formal Aspects of Computing</i> , <b>2004</b> , 16, 210	1.2	40
56	Actor-oriented control system design: a responsible framework perspective. <i>IEEE Transactions on Control Systems Technology</i> , <b>2004</b> , 12, 250-262	4.8	20
55	Modeling of sensor nets in Ptolemy II <b>2004</b> ,		40
54	Actor-Oriented Models for Codesign <b>2004</b> , 33-56		8
53	Actor-Oriented Design of Embedded Hardware and Software Systems. <i>Journal of Circuits, Systems and Computers</i> , <b>2003</b> , 12, 231-260	0.9	113
52	The semantics and execution of a synchronous block-diagram language. <i>Science of Computer Programming</i> , <b>2003</b> , 48, 21-42	1.1	61
51	. <i>IEEE Control Systems</i> , <b>2003</b> , 23, 65-75	2.9	38
50	Taming heterogeneity - the Ptolemy approach. <i>Proceedings of the IEEE</i> , <b>2003</b> , 91, 127-144	14.3	568
49	On the Causality of Mixed-Signal and Hybrid Models. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 328-342	0.9	8
48	A component-based approach to modeling and simulating mixed-signal and hybrid systems. <i>ACM Transactions on Modeling and Computer Simulation</i> , <b>2002</b> , 12, 343-368	0.6	20

47	Embedded Software. <i>Advances in Computers</i> , <b>2002</b> , 56, 55-95	2.9	34
46	. <i>IEEE Transactions on Signal Processing</i> , <b>2002</b> , 50, 2064-2079	4.8	64
45	Dataflow Process Networks <b>2002</b> , 59-85		9
44	Generating Compact Code from Dataflow Specifications of Multirate Signal Processing Algorithms <b>2002</b> , 452-464		
43	System-Level Types for Component-Based Design. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 237-253	0.9	20
42	What's ahead for embedded software?. <i>Computer</i> , <b>2000</b> , 33, 18-26	1.6	114
41	A code generation framework for Java component-based designs <b>2000</b> ,		3
40	An Extensible Type System for Component-Based Design. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 20-37.	0.9	5
39	Advances in the dataflow computational model. <i>Parallel Computing</i> , <b>1999</b> , 25, 1907-1929	1	54
38	Modeling concurrent real-time processes using discrete events. <i>Annals of Software Engineering</i> , <b>1999</b> , 7, 25-45		71
37	Synthesis of Embedded Software from Synchronous Dataflow Specifications. <i>Journal of Signal Processing Systems</i> , <b>1999</b> , 21, 151-166		109
36	Hierarchical finite state machines with multiple concurrency models. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>1999</b> , 18, 742-760	2.5	146
35	Interoperation of heterogeneous CAD tools in Ptolemy II <b>1999</b> ,		5
34	. <i>Computer</i> , <b>1998</b> , 31, 77-85	1.6	23
33	A framework for comparing models of computation. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>1998</b> , 17, 1217-1229	2.5	349
32	Compile-time scheduling of dynamic constructs in dataflow program graphs. <i>IEEE Transactions on Computers</i> , <b>1997</b> , 46, 768-778	2.5	27
31	Design of embedded systems: formal models, validation, and synthesis. <i>Proceedings of the IEEE</i> , <b>1997</b> , 85, 366-390	14.3	229
30	. <i>IEEE Transactions on Signal Processing</i> , <b>1997</b> , 45, 1605-1618	4.8	12

29	Heterogeneous Simulation Mixing Discrete-Event Models with Dataflow. <i>Journal of Signal Processing Systems</i> , <b>1997</b> , 15, 127-144		19
28	Determining the Order of Processor Transactions in Statically Scheduled Multiprocessors. <i>Journal of Signal Processing Systems</i> , <b>1997</b> , 15, 207-220		14
27	Joint Minimization of Code and Data for Synchronous Dataflow Programs. <i>Formal Methods in System Design</i> , <b>1997</b> , 11, 41-70	1.4	31
26	APGAN and RPMC: Complementary Heuristics for Translating DSP Block Diagrams into Efficient Software Implementations. <i>Design Automation for Embedded Systems</i> , <b>1997</b> , 2, 33-60	0.6	24
25	The Extended Partitioning Problem: Hardware/Software Mapping, Scheduling, and Implementation-bin Selection. <i>Design Automation for Embedded Systems</i> , <b>1997</b> , 2, 125-163	0.6	34
24	. <i>IEEE Transactions on Information Theory</i> , <b>1996</b> , 42, 1062-1071	2.8	8
23	Complexity management in system-level design. <i>Journal of Signal Processing Systems</i> , <b>1996</b> , 14, 157-169		2
22	Software Synthesis from Dataflow Graphs. <i>Kluwer International Series in Engineering and Computer Science</i> , <b>1996</b> ,		162
21	Software synthesis for DSP using ptolemy. <i>Journal of Signal Processing Systems</i> , <b>1995</b> , 9, 7-21		46
20	. <i>Proceedings of the IEEE</i> , <b>1995</b> , 83, 773-801	14.3	475
19	. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>1995</b> , 42, 138-150		25
18	Looped schedules for dataflow descriptions of multirate signal processing algorithms. <i>Formal Methods in System Design</i> , <b>1994</b> , 5, 183-205	1.4	11
17	. <i>IEEE Transactions on Signal Processing</i> , <b>1994</b> , 42, 1190-1201	4.8	16
16	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>1993</b> , 11, 367-379	14.2	525
15	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1993</b> , 4, 625-637	3.7	37
14	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1993</b> , 4, 175-187	3.7	507
13	Scheduling synchronous dataflow graphs for efficient looping. <i>Journal of Signal Processing Systems</i> , <b>1993</b> , 6, 271-288		22
12	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1991</b> , 2, 223-235	3.7	69

11	. <i>IEEE Network</i> , <b>1991</b> , 5, 44-54	11.4	47
10	. <i>IEEE Transactions on Computers</i> , <b>1991</b> , 40, 1225-1238	2.5	38
9	. <i>Proceedings of the IEEE</i> , <b>1990</b> , 78, 1369-1394	14.3	100
8	. <i>IEEE Micro</i> , <b>1990</b> , 10, 14-16	1.8	15
7	. <i>IEEE Micro</i> , <b>1990</b> , 10, 28-45	1.8	23
6	. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , <b>1989</b> , 37, 1751-1762		51
5	. <i>IEEE ASSP Magazine (Acoustics, Speech, and Signal Processing)</i> , <b>1988</b> , 5, 4-19		68
4	Fast recursive filtering with multiple slow processing elements. <i>IEEE Transactions on Circuits and Systems</i> , <b>1985</b> , 32, 1119-1129		6
3	The semantics of dataflow with firing71-94		8
2	A constructive fixed-point theorem and the feedback semantics of timed systems		10
1	The Fixed-Point Theory of Strictly Contracting Functions on Generalized Ultrametric Semilattices. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> ,126, 56-71		