Edward A Lee

List of Publications by Year
in descending order

220 papers	15,649 citations	66234 42 h-index	31759 101 g-index
232 all docs	232 docs citations	232 times ranked	7909 citing authors

#	Article	IF	Citations
1	Cyber Physical Systems: Design Challenges. , 2008, , .		2,280
2	Scientific workflow management and the Kepler system. Concurrency Computation Practice and Experience, 2006, 18, 1039-1065.	1.4	1,333
3	Taming heterogeneity - the Ptolemy approach. Proceedings of the IEEE, 2003, 91, 127-144.	16.4	735
4	Simulation of multipath impulse response for indoor wireless optical channels. IEEE Journal on Selected Areas in Communications, 1993, 11, 367-379.	9.7	705
5	A compile-time scheduling heuristic for interconnection-constrained heterogeneous processor architectures. IEEE Transactions on Parallel and Distributed Systems, 1993, 4, 175-187.	4.0	703
6	Dataflow process networks. Proceedings of the IEEE, 1995, 83, 773-801.	16.4	683
7	The Problem with Threads. Computer, 2006, 39, 33-42.	1.2	573
8	Modeling Cyberâ€"Physical Systems. Proceedings of the IEEE, 2012, 100, 13-28.	16.4	566
9	A framework for comparing models of computation. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1998, 17, 1217-1229.	1.9	480
10	The Past, Present and Future of Cyber-Physical Systems: A Focus on Models. Sensors, 2015, 15, 4837-4869.	2.1	463
11	Design of embedded systems: formal models, validation, and synthesis. Proceedings of the IEEE, 1997, 85, 366-390.	16.4	351
12	Software Synthesis from Dataflow Graphs. Kluwer International Series in Engineering and Computer Science, 1996, , .	0.2	253
13	CPS foundations. , 2010, , .		230
14	Hierarchical finite state machines with multiple concurrency models. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1999, 18, 742-760.	1.9	197
15	Actor-Oriented Design of Embedded Hardware and Software Systems. Journal of Circuits, Systems and Computers, 2003, 12, 231-260.	1.0	165
16	Computing needs time. Communications of the ACM, 2009, 52, 70-79.	3.3	162
17	What's ahead for embedded software?. Computer, 2000, 33, 18-26.	1.2	158
18	Synthesis of Embedded Software from Synchronous Dataflow Specifications. Journal of Signal Processing Systems, 1999, 21, 151-166.	1.0	150

#	Article	IF	Citations
19	Performance of coherent optical receivers. Proceedings of the IEEE, 1990, 78, 1369-1394.	16.4	147
20	A model-based design methodology for cyber-physical systems. , 2011, , .		143
21	PRET DRAM controller. , 2011, , .		131
22	Distributed Real-Time Software for Cyber–Physical Systems. Proceedings of the IEEE, 2012, 100, 45-59.	16.4	128
23	AWStream. , 2018, , .		124
24	Operational Semantics of Hybrid Systems. Lecture Notes in Computer Science, 2005, , 25-53.	1.0	121
25	A Programming Model for Time-Synchronized Distributed Real-Time Systems. Real Time and Embedded Technology and Applications Symposium (RTAS), IEEE, 2007, , .	0.0	102
26	Predictable programming on a precision timed architecture. , 2008, , .		102
27	Programmable DSP architectures. I. IEEE ASSP Magazine (Acoustics, Speech, and Signal Processing), 1988, 5, 4-19.	4.6	100
28	Modeling concurrent real-time processes using discrete events. Annals of Software Engineering, 1999, 7, 25-45.	0.5	98
29	The case for the precision timed (PRET) machine. Proceedings - Design Automation Conference, 2007, , .	0.0	97
30	Authentication and Authorization for the Internet of Things. IT Professional, 2017, 19, 27-33.	1.4	96
31	Consistency in dataflow graphs. IEEE Transactions on Parallel and Distributed Systems, 1991, 2, 223-235.	4.0	89
32	Software synthesis for DSP using ptolemy. Journal of Signal Processing Systems, 1995, 9, 7-21.	1.0	85
33	FlexPRET: A processor platform for mixed-criticality systems. , 2014, , .		83
34	The Swarm at the Edge of the Cloud. IEEE Design and Test, 2014, 31, 8-20.	1.1	83
35	Cyber-physical system design contracts. , 2013, , .		82
36	Multidimensional synchronous dataflow. IEEE Transactions on Signal Processing, 2002, 50, 2064-2079.	3.2	80

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37	Gabriel: a design environment for DSP. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 1751-1762.	2.0	78
38	The semantics and execution of a synchronous block-diagram language. Science of Computer Programming, 2003, 48, 21-42.	1.5	76
39	Advances in the dataflow computational model. Parallel Computing, 1999, 25, 1907-1929.	1.3	72
40	Determinate composition of FMUs for co-simulation. , 2013, , .		71
41	Title is missing!. Design Automation for Embedded Systems, 1997, 2, 125-163.	0.7	70
42	Leveraging synchronous language principles for heterogeneous modeling and design of embedded systems. , 2007, , .		70
43	High-speed nondirective optical communication for wireless networks. IEEE Network, 1991, 5, 44-54.	4.9	67
44	A PRET microarchitecture implementation with repeatable timing and competitive performance. , 2012, , .		64
45	Timed multitasking for real-time embedded software. IEEE Control Systems, 2003, 23, 65-75.	1.0	62
46	Modeling of sensor nets in Ptolemy II. , 2004, , .		59
47	Systems Engineering for Industrial Cyber–Physical Systems Using Aspects. Proceedings of the IEEE, 2016, 104, 997-1012.	16.4	57
48	Declustering: a new multiprocessor scheduling technique. IEEE Transactions on Parallel and Distributed Systems, 1993, 4, 625-637.	4.0	55
49	Fast recursive filtering with multiple slow processing elements. IEEE Transactions on Circuits and Systems, 1985, 32, 1119-1129.	0.9	53
50	Viewpoints, formalisms, languages, and tools for cyber-physical systems. , 2012, , .		53
51	Aspect-oriented Modeling of Attacks in Automotive Cyber-Physical Systems. , 2014, , .		53
52	Joint Minimization of Code and Data for Synchronous Dataflow Programs. Formal Methods in System Design, 1997, 11, 41-70.	0.9	52
53	A behavioral type system and its application in Ptolemy II. Formal Aspects of Computing, 2004, 16, 210.	1.4	51
54	A Theory of Synchronous Relational Interfaces. ACM Transactions on Programming Languages and Systems, 2011, 33, 1-41.	1.7	50

#	ARTICLE	IF	CITATIONS
55	Embedded Software. Advances in Computers, 2002, 56, 55-95.	1.2	49
56	Fundamental Limits of Cyber-Physical Systems Modeling. ACM Transactions on Cyber-Physical Systems, 2017, 1, 1-26.	1.9	49
57	Design and Usability of a Heart Failure mHealth System: A Pilot Study. JMIR Human Factors, 2017, 4, e9.	1.0	49
58	Compile-time scheduling and assignment of data-flow program graphs with data-dependent iteration. IEEE Transactions on Computers, 1991, 40, 1225-1238.	2.4	48
59	Hybrid co-simulation: itâ€™s about time. Software and Systems Modeling, 2019, 18, 1655-1679.	2.2	46
60	A PRET architecture supporting concurrent programs with composable timing properties. , 2010, , .		45
61	Heterogeneous composition of models of computation. Future Generation Computer Systems, 2009, 25, 552-560.	4.9	44
62	Compile-time scheduling of dynamic constructs in dataflow program graphs. IEEE Transactions on Computers, 1997, 46, 768-778.	2.4	43
63	A Vision of Swarmlets. IEEE Internet Computing, 2015, 19, 20-28.	3.2	43
64	Temporal isolation on multiprocessing architectures. , 2011, , .		42
65	Engineering an education for the future. Computer, 1998, 31, 77-85.	1.2	39
66	Compositionality in synchronous data flow. Transactions on Embedded Computing Systems, 2013, 12, 1-26.	2.1	39
67	Heterogeneous Simulationâ€"Mixing Discrete-Event Models with Dataflow. Journal of Signal Processing Systems, 1997, 15, 127-144.	1.0	38
68	Title is missing!. Design Automation for Embedded Systems, 1997, 2, 33-60.	0.7	38
69	Requirements for hybrid cosimulation standards. , 2015, , .		38
70	Absolutely positively on time: what would it take? [embedded computing systems. Computer, 2005, 38, 85-87.	1.2	37
71	Constructive Models of Discrete and Continuous Physical Phenomena. IEEE Access, 2014, 2, 797-821.	2.6	37
72	Programmable Logic Controllers in the Context of Industry 4.0. IEEE Transactions on Industrial Informatics, 2021, 17, 3523-3533.	7.2	37

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73	A modular formal semantics for Ptolemy. Mathematical Structures in Computer Science, 2013, 23, 834-881.	0.5	36
74	Actor-Oriented Control System Design: A Responsible Framework Perspective. IEEE Transactions on Control Systems Technology, 2004, 12, 250-262.	3.2	35
75	CPO semantics of timed interactive actor networks. Theoretical Computer Science, 2008, 409, 110-125.	0.5	35
76	Scheduling synchronous dataflow graphs for efficient looping. Journal of Signal Processing Systems, 1993, 6, 271-288.	1.0	34
77	Toward a Lingua Franca for Deterministic Concurrent Systems. Transactions on Embedded Computing Systems, 2021, 20, 1-27.	2.1	34
78	Gabriel: a design environment for DSP. IEEE Micro, 1990, 10, 28-45.	1.8	33
79	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
80	Heterogeneous Modeling and Design of Control Systems. , 2004, , 105-122.		30
81	Execution Strategies for PTIDES, a Programming Model for Distributed Embedded Systems. , 2009, , .		30
82	A Component Architecture for the Internet of Things. Proceedings of the IEEE, 2018, 106, 1527-1542.	16.4	29
83	Memory management for dataflow programming of multirate signal processing algorithms. IEEE Transactions on Signal Processing, 1994, 42, 1190-1201.	3.2	27
84	Modeling Timed Concurrent Systems. Lecture Notes in Computer Science, 2006, , 1-15.	1.0	27
85	A disruptive computer design idea: Architectures with repeatable timing. , 2009, , .		27
86	Verifying hierarchical Ptolemy II discrete-event models using Real-Time Maude. Science of Computer Programming, 2012, 77, 1235-1271.	1.5	26
87	A Toolkit for Construction of Authorization Service Infrastructure for the Internet of Things. , 2017, , .		26
88	A component-based approach to modeling and simulating mixed-signal and hybrid systems. ACM Transactions on Modeling and Computer Simulation, 2002, 12, 343-368.	0.6	24
89	Concurrent models of computation for embedded software. IEE Proceedings: Computers and Digital Techniques, 2005, 152, 239.	1.6	24
90	Composing Different Models of Computation in Kepler and Ptolemy II. Lecture Notes in Computer Science, 2007, , 182-190.	1.0	23

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91	Metronomy. , 2014, , .		23
92	A predictable and command-level priority-based DRAM controller for mixed-criticality systems. , 2015, , .		23
93	Industrial Cyber-Physical Systems â€" iCyPhy. , 2014, , 21-37.		23
94	Scalable Semantic Annotation Using Lattice-Based Ontologies. Lecture Notes in Computer Science, 2009, , 393-407.	1.0	23
95	A Secure Network Architecture for the Internet of Things Based on Local Authorization Entities. , 2016, , .		22
96	Programmable DSPs: a brief overview. IEEE Micro, 1990, 10, 14-16.	1.8	21
97	Determining the Order of Processor Transactions in Statically Scheduled Multiprocessors. Journal of Signal Processing Systems, 1997, 15, 207-220.	1.0	21
98	Coordinated actor model of self-adaptive track-based traffic control systems. Journal of Systems and Software, 2018, 143, 116-139.	3.3	21
99	Disciplined Heterogeneous Modeling. Lecture Notes in Computer Science, 2010, , 273-287.	1.0	21
100	Causality interfaces for actor networks. Transactions on Embedded Computing Systems, 2008, 7, 1-35.	2.1	20
101	Component-based design for the future. , 2011, , .		20
102	What Good are Models?. Lecture Notes in Computer Science, 2018, , 3-31.	1.0	20
103	FIDE. , 2016, , .		20
104	Modeling and simulating cyber-physical systems using CyPhySim. , 2015, , .		19
105	An Extensible Type System for Component-Based Design. Lecture Notes in Computer Science, 2000, , 20-37.	1.0	19
106	A Constructive Fixed-Point Theorem and the Feedback Semantics of Timed Systems. , 0, , .		18
107	An introductory textbook on cyber-physical systems. , 2010, , .		18
108	Deterministic Actors. , 2019, , .		18

#	Article	IF	Citations
109	Verification of Cyberphysical Systems. Mathematics, 2020, 8, 1068.	1.1	18
110	A causality interface for deadlock analysis in dataflow. , 2006, , .		17
111	Toward a Global Data Infrastructure. IEEE Internet Computing, 2016, 20, 54-62.	3.2	17
112	Optimizing synchronization in multiprocessor DSP systems. IEEE Transactions on Signal Processing, 1997, 45, 1605-1618.	3.2	16
113	Real-Time Distributed Discrete-Event Execution with Fault Tolerance. , 2008, , .		16
114	Exploring models of computation with ptolemy II. , 2010, , .		16
115	On relational interfaces. , 2009, , .		16
116	Looped schedules for dataflow descriptions of multirate signal processing algorithms. Formal Methods in System Design, 1994, 5, 183-205.	0.9	15
117	Abstract PRET Machines. , 2017, , .		15
118	Actors Revisited for Time-Critical Systems. , 2019, , .		15
119	The Case for the Precision Timed (PRET) Machine. Proceedings - Design Automation Conference, 2007, , .	0.0	15
120	Multi-view Modeling and Pragmatics in 2020. Lecture Notes in Computer Science, 2012, , 209-223.	1.0	14
121	MyHeart: An intelligent mHealth home monitoring system supporting heart failure self-care. , 2014, , .		14
122	Reactors: A Deterministic Model for Composable Reactive Systems. Lecture Notes in Computer Science, 2020, , 59-85.	1.0	14
123	An Interface Theory for the Internet of Things. Lecture Notes in Computer Science, 2015, , 20-34.	1.0	14
124	Classes and inheritance in actor-oriented design. Transactions on Embedded Computing Systems, 2009, 8, 1-26.	2.1	13
125	Step revision in hybrid Co-simulation with FMI. , 2016, , .		13
126	The semantics of dataflow with firing. , 2009, , 71-94.		12

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127	Is software the result of top-down intelligent design or evolution?. Communications of the ACM, 2018, 61, 34-36.	3.3	12
128	On the Causality of Mixed-Signal and Hybrid Models. Lecture Notes in Computer Science, 2003, , 328-342.	1.0	12
129	A Code Generation Framework for Actor-Oriented Models with Partial Evaluation. Lecture Notes in Computer Science, 2007, , 193-206.	1.0	12
130	Network latency and packet delay variation in cyber-physical systems. , 2011, , .		11
131	CyPhySim. , 2015, , .		11
132	On Fixed Points of Strictly Causal Functions. Lecture Notes in Computer Science, 2013, , 183-197.	1.0	11
133	Simulation and Implementation of the PTIDES Programming Model. , 2008, , .		10
134	Introducing embedded systems: a cyber-physical approach. , 2009, , .		10
135	Uncertainty Analysis of Middleware Services for Streaming Smart Grid Applications. IEEE Transactions on Services Computing, 2016, 9, 174-185.	3.2	10
136	autoCode4: Structural Controller Synthesis. Lecture Notes in Computer Science, 2017, , 398-404.	1.0	10
137	Dataflow Process Networks●€●€●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 (via Naval Research Laboratories), the State of California, and the following companies: Bell Northern. , 2002, , 59-85.		10
138	The Case for Timing-Centric Distributed Software Invited Paper. , 2009, , .		9
139	Modeling in engineering and science. Communications of the ACM, 2018, 62, 35-36.	3.3	9
140	On Enabling Technologies for the Internet of Important Things. IEEE Access, 2019, 7, 27244-27256.	2.6	9
141	Determinism. Transactions on Embedded Computing Systems, 2021, 20, 1-34.	2.1	9
142	Capacity penalty due to ideal zero-forcing decision-feedback equalization. IEEE Transactions on Information Theory, 1996, 42, 1062-1071.	1.5	8
143	On Determinism in Event-Triggered Distributed Systems with Time Synchronization. , 2007, , .		8
144	Model-based specification of timing requirements. , 2010, , .		8

#	Article	IF	Citations
145	A practical ontology framework for static model analysis. , 2011, , .		8
146	The fixed-point theory of strictly causal functions. Theoretical Computer Science, 2015, 574, 39-77.	0.5	8
147	What Is Real Time Computing? A Personal View. IEEE Design and Test, 2018, 35, 64-72.	1.1	8
148	Deterministic Timing for the Industrial Internet of Things. , 2018, , .		8
149	Creating a Resilient IoT With Edge Computing. Computer, 2019, 52, 43-53.	1.2	8
150	Model Checking Software in Cyberphysical Systems. , 2020, , .		8
151	Actor-Oriented Models for Codesign. , 2004, , 33-56.		8
152	Coordinated Actors for Reliable Self-adaptive Systems. Lecture Notes in Computer Science, 2017, , 241-259.	1.0	8
153	Heterogeneous actor modeling. , 2011, , .		7
154	Using Ptides and synchronized clocks to design distributed systems with deterministic system wide timing. , 2013, , .		7
155	A tool integration approach for architectural exploration of aircraft electric power systems. , 2013, , .		7
156	Modeling and Simulation of Network Aspects for Distributed Cyber-Physical Energy Systems. Power Systems, 2015, , 1-23.	0.3	7
157	Interoperation of heterogeneous CAD tools in Ptolemy II. , 1999, , .		6
158	A code generation framework for Java component-based designs. , 2000, , .		6
159	Incremental Checkpointing with Application to Distributed Discrete Event Simulation. , 2006, , .		6
160	Ptera. , 2010, , .		6
161	Deploying Hard Real-Time Control Software on Chip-Multiprocessors. , 2010, , .		6
162	An introductory capstone design course on embedded systems. , 2011, , .		6

#	Article	IF	Citations
163	PtidyOS: A Lightweight Microkernel for Ptides Real-Time Systems. , 2012, , .		6
164	Control Improvisation with Probabilistic Temporal Specifications. , 2016, , .		6
165	Hybrid Co-simulation. , 2018, , .		6
166	A Language for Deterministic Coordination Across Multiple Timelines. , 2020, , .		6
167	Concurrent Semantics Without the Notions of State or State Transitions. Lecture Notes in Computer Science, 2006, , 18-31.	1.0	5
168	Branch-on-random. , 2008, , .		5
169	Time-critical networking - Invited presentation. , 2009, , .		5
170	A Heterogeneous Architecture for Evaluating Real-Time One-Dimensional Computational Fluid Dynamics on FPGAs. , 2012, , .		5
171	An Architectural Mechanism for Resilient IoT Services. , 2017, , .		5
172	Advances in hardware design and implementation of signal processing systems [DSP Forum]. IEEE Signal Processing Magazine, 2008, 25, 175-180.	4.6	4
173	PTIDES on flexible task graph. ACM SIGPLAN Notices, 2009, 44, 31-40.	0.2	4
174	On the Verification of Timed Discrete-Event Models. Lecture Notes in Computer Science, 2013, , 213-227.	1.0	4
175	Gordian. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-27.	1.9	4
176	Code Generation for Embedded Java with Ptolemy. Lecture Notes in Computer Science, 2010, , 155-166.	1.0	4
177	Counting interface automata and their application in static analysis of actor models. , 2005, , .		3
178	PTIDES model on a distributed testbed emulating smart grid real-time applications. , 2011, , .		3
179	Ramifications of software implementation and deployment: A case study on yaw moment controller design. , 2015, , .		3
180	Information seeking and model predictive control of a cooperative multi-robot system. Artificial Life and Robotics, 2016, 21, 393-398.	0.7	3

#	Article	IF	Citations
181	Service Discovery for the Connected Car with Semantic Accessors. , 2019, , .		3
182	Programs with ironclad timing guarantees. , 2019, , .		3
183	An Axiomatization of the Theory of Generalized Ultrametric Semilattices of Linear Signals. Lecture Notes in Computer Science, 2013, , 248-258.	1.0	3
184	Complexity management in system-level design. Journal of Signal Processing Systems, 1996, 14, 157-169.	1.0	2
185	The design and application of structured types in Ptolemy II. , 2005, , .		2
186	PTIDES on flexible task graph. , 2009, , .		2
187	Modeling and analyzing real-time multiprocessor systems. , 2010, , .		2
188	System simulation from operational data. , 2015, , .		2
189	A model for semantic localization. , 2015, , .		2
190	An Integrated Simulation Tool for Computer Architecture and Cyber-Physical Systems. Lecture Notes in Computer Science, 2019, , 83-93.	1.0	2
191	Time for All Programs, Not Just Real-Time Programs. Lecture Notes in Computer Science, 2021, , 213-232.	1.0	2
192	Error-Completion in Interface Theories. Lecture Notes in Computer Science, 2013, , 358-375.	1.0	2
193	What Can Deep Neural Networks Teach Us About Embodied Bounded Rationality. Frontiers in Psychology, 2022, 13, 761808.	1.1	2
194	<title>Symbolic computation in system simulation and design</title>. , 1995, , .		1
195	Discrete Event Models: Getting the Semantics Right. , 2006, , .		1
196	Time-predictable and composable architectures for dependable embedded systems. , 2011, , .		1
197	The Coroutine Model of Computation. Lecture Notes in Computer Science, 2012, , 319-334.	1.0	1
198	It's about Time: Leveraging Clock Synchronization for Distributed Real-Time Programming. , 2014, , .		1

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199	Contextual callbacks for resource discovery and trust negotiation on the internet of things. , 2017, , .		1
200	Observation and Interaction. Lecture Notes in Computer Science, 2019, , 31-42.	1.0	1
201	Dataset Culling: Towards Efficient Training of Distillation-Based Domain Specific Models. , 2019, , .		1
202	Semantic Localization for IoT. Studies in Computational Intelligence, 2021, , 365-383.	0.7	1
203	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
204	Engineering Education: A Focus on Systems. , 2005, , 69-77.		0
205	Keynote Speeches. , 2007, , .		0
206	Time is a Resource, and Other Stories. , 2008, , .		0
207	An Automated Mapping of Timed Functional Specification to a Precision Timed Architecture. , 2008, , .		0
208	Toward the Design of Robotic Software with Verifiable Safety. , 2009, , .		0
209	The design and application of structured types in Ptolemy II. International Journal of Intelligent Systems, 2009, 25, n/a-n/a.	3.3	0
210	Cooperative multi-robot information acquisition based on distributed robust model predictive control. , 2016, , .		0
211	Demo Abstract: Building IoT Applications with Accessors in CapeCode. , 2016, , .		0
212	A Fundamental Look at Models and Intelligence. , 2019, , .		0
213	Work-in-Progress: Real-Time Reactors in C. , 2019, , .		0
214	Generating Compact Code from Dataflow Specifications of Multirate Signal Processing Algorithmsâ€ƒâ€ƒManuscript 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(Foundation (MIP-9201605), Office of Naval Technology (Naval Research Laboratories), State of California MICRO program. and the followin. , 2002, , 452-464.		0
215	Hyvisual: A Hybrid System Modeling Framework Based on Ptolemy II11This 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
216	Equation-Based Object-Oriented Modeling Languages and Tools. Lecture Notes in Computer Science, 2011, , 140-144.	1.0	0

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217	Constructive Collisions. Lecture Notes in Computer Science, 2014, , 161-176.	1.0	0
218	Freedom From Choice and the Power of Models. , 2019, , .		0
219	Lightweight Formal Method for Robust Routing in Track-based Traffic Control Systems. , 2020, , .		0
220	Opportunities for Industrial Control. IFAC-PapersOnLine, 2020, 53, 7839-7844.	0.5	0