On Communicating Finite-State Machines

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Citation Report

#	Article	IF	CITATIONS
2	Deadlock Detection for a Class of Communicating Finite State Machines. IRE Transactions on Communications Systems, 1982, 30, 2514-2518.	0.6	31
3	Unboundedness detection for a class of communicating finite-state machines. Information Processing Letters, 1983, 17, 235-240.	0.4	23
4	A decomposition method for the analysis and design of finite state protocols. , 1983, , .		30
5	Network protocol., 1983,,.		1
6	Maximal progress state exploration. Computer Communication Review, 1983, 13, 68-75.	1.5	7
7	A technique for proving liveness of communicating finite state machines with examples. , 1984, , .		12
8	On the progress of communication between two finite state machines. Information and Control, 1984, 63, 200-216.	1.3	52
9	Closed Covers: To Verify Progress for Communicating Finite State Machines. IEEE Transactions on Software Engineering, 1984, SE-10, 846-855.	4.3	41
10	Protocol Validation by Maximal Progress State Exploration. IEEE Transactions on Communications, 1984, 32, 94-97.	4.9	66
11	Synthesis of Communicating Finite-State Machines with Guaranteed Progress. IEEE Transactions on Communications, 1984, 32, 779-788.	4.9	75
12	An exercise in constructing multi-phase communication protocols. Computer Communication Review, 1984, 14, 42-49.	1.5	10
13	Modeling physical layer protocols using communicating finite state machines. Computer Communication Review, 1985, 15, 54-62.	1.5	4
14	Boundedness, empty channel detection and synchronization for communicating finite state machines. , 1985, , 287-298.		1
15	Protocol validation by fair progress state exploration. Computer Networks, 1985, 9, 353-361.	1.0	48
16	Exposure to deadlock for communicating processes is hard to detect. Information Processing Letters, 1985, 21, 63-68.	0.4	13
17	Requirements-based testing of real-time systems: Modeling for testability. Computer, 1985, 18, 71-80.	1.2	24
18	A discipline for constructing multiphase communication protocols. ACM Transactions on Computer Systems, 1985, 3, 315-343.	0.6	48
19	On the analysis of cooperation and antagonism in networks of communicating processes. , $1985,$, .		8

#	Article	IF	CITATIONS
20	Priority Networks of Communicating Finite State Machines. SIAM Journal on Computing, 1985, 14, 569-584.	0.8	14
21	Tier automation representation of communication protocols. Computer Communication Review, 1986, 16, 138-147.	1.5	2
22	Modeling a transport layer protocol using first-order logic. Computer Communication Review, 1986, 16, 92-100.	1.5	3
23	An analysis of the nonemptiness problem for classes of reversal-bounded multicounter machines., 1986,, 422-430.		0
24	Protocol analysis and synthesis by structured partitions. Computer Networks, 1986, 11, 367-381.	1.0	9
25	State machines and assertions: An integrated approach to modeling and verification of distributed systems. Science of Computer Programming, 1986, 7, 1-22.	1.5	7
26	The Workstation: Integtating Al into Avionics Engineering Environment. Computer, 1986, 19, 88-91.	1.2	5
27	Boundedness, empty channel detection, and synchronization for communicating finite automata. Theoretical Computer Science, 1986, 44, 69-105.	0.5	24
28	Modeling a transport layer protocol using first-order logic. , 1986, , .		8
29	Proving liveness for networks of communicating finite state machines. ACM Transactions on Programming Languages and Systems, 1986, 8, 154-180.	1.7	38
30	Tier automation representation of communication protocols., 1986,,.		2
31	Protocol verification using relational database systems. , 1987, , .		4
32	Protocol verification using reachability analysis: the state space explosion problem and relief strategies. Computer Communication Review, 1987, 17, 126-135.	1.5	79
33	An analysis of the nonemptiness problem for classes of reversal-bounded multicounter machines. Journal of Computer and System Sciences, 1987, 34, 55-74.	0.9	6
34	The Interrogator: Protocol Secuity Analysis. IEEE Transactions on Software Engineering, 1987, SE-13, 274-288.	4.3	149
35	On the analysis of cooperation and antagonism in networks of communicating processes. Algorithmica, 1988, 3, 421-450.	1.0	6
36	A methodology for constructing communication protocols with multiple concurrent functions. Distributed Computing, 1988, 3, 23-40.	0.7	14
37	A software design method and its application to protocol and communication software development. Computer Networks, 1988, 15, 245-267.	1.0	10

#	Article	IF	CITATIONS
38	The complexity of reachability in distributed communicating processes. Acta Informatica, 1988, 25, 333.	0.5	12
39	Construction of logically correct communication protocols without over-specification. Annual Review in Automatic Programming, 1988, 14, 83-88.	0.2	1
40	Protocol specification, testing, and verification, IV. Computer Standards and Interfaces, 1988, 7, 329.	3.8	11
41	A specification language for real-time distributed systems. , 0, , .		4
42	A formal model for protocol interworking in ISDN. , 0, , .		6
43	An intelligent support system for protocol and communication software development. IEEE Journal on Selected Areas in Communications, 1988, 6, 842-849.	9.7	3
44	A knowledge-based system for protocol synthesis (KSPS). IEEE Journal on Selected Areas in Communications, 1988, 6, 874-883.	9.7	7
45	An expert system for implementing communication protocols. , 0, , .		O
46	A relational algebraic approach to protocol verification. IEEE Transactions on Software Engineering, 1988, 14, 184-193.	4.3	20
47	PROSPEC: an interactive programming environment for designing and verifying communication protocols. IEEE Transactions on Software Engineering, 1988, 14, 327-338.	4.3	9
48	An interactive protocol synthesis algorithm using a global state transition graph. IEEE Transactions on Software Engineering, 1988, 14, 394-404.	4.3	31
49	An acyclic expansion algorithm for fast protocol validation. IEEE Transactions on Software Engineering, 1988, 14, 1059-1070.	4.3	26
50	On basic rewriting rules to verify communicating machines. , 0, , .		0
51	Network management and control of protocols. , 0, , .		4
52	Protocol verification using discrete-event models. , 1988, , 100-114.		0
53	Protocol verification using reachability analysis: the state space explosion problem and relief strategies., 1988,,.		40
54	New communication protocols from old. , 1988, , .		0
55	Construction of Logically Correct Communication Protocols without Over-Specification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1988, 21, 83-88.	0.4	0

#	Article	IF	Citations
56	Parallel protocol verification using the two-phase algorithm. , 0, , .		3
57	On the verification of time-dependent protocols using timed reachability analysis. , 0, , .		1
58	Boundedness, hierarchy of fairness, and communication networks with delay. International Journal of Computer Mathematics, 1989, 26, 161-178.	1.0	1
59	To correct communicating finite state machines. , 1989, , .		0
60	Protocol validation in complex systems. , 1989, , .		28
61	Protocol verification using database technology. IEEE Journal on Selected Areas in Communications, 1989, 7, 324-334.	9.7	14
62	Self-synchronizing communication protocols. IEEE Transactions on Computers, 1989, 38, 609-625.	2.4	5
63	Performance analysis of protocols., 0,,.		0
64	Incremental protocol verification using deductive database systems. , 0, , .		1
65	Protocol validation in complex systems. Computer Communication Review, 1989, 19, 303-312.	1.5	8
66	Protocol Engineering. Advances in Computers, 1989, , 79-195.	1.2	71
67	Construction of a protocol synthesis environment and its implementation. Systems and Computers in Japan, 1990, 21, 34-49.	0.2	0
68	Reduction and covering of infinite reachability trees. Information and Computation, 1990, 89, 144-179.	0.5	58
69	Constructing real-time multi-channel protocols. Microprocessing and Microprogramming, 1990, 30, 485-490.	0.3	0
70	Communicating processes, scheduling, and the complexity of nontermination. Mathematical Systems Theory, 1990, 23, 33-59.	0.5	3
71	The instability of self-stabilization. Acta Informatica, 1990, 27, 697.	0.5	23
72	Specification and implementation of concurrency in a simple database system. Annual Review in Automatic Programming, 1990, 15, 23-28.	0.2	0
73	New 3D graphical presentation of the ISO transport protocol. Computer Communications, 1990, 13, 108-113.	3.1	0

#	Article	IF	Citations
74	Constructing communication protocols on reliable bounded FIFO channels without overspecification. Microprocessing and Microprogramming, 1990, 28, 55-58.	0.3	1
75	Generation of proper adapters and converters from a formal service specification. , 0, , .		16
76	An approach to protocol complementation for internetworking., 0, , .		7
77	A modular approach to constructing protocol converters. , 0, , .		22
78	PDPS: a protocol design system by production systems approach. , 0, , .		4
79	A parallel model for constructing protocol converters. , 0, , .		3
80	Distributed software testing with specification., 0,,.		1
81	Analyzing service specifications based upon the logic programming paradigm. , 0, , .		8
82	A communicating finite automata approach to modeling distributed computation and its application to distributed decision-making. IEEE Transactions on Computers, 1990, 39, 628-639.	2.4	22
83	A computer-aided protocol design by production systems approach. IEEE Journal on Selected Areas in Communications, 1990, 8, 1748-1762.	9.7	13
84	Protocol conversion between complex protocols. , 1990, , .		6
85	Using protocol validation techniques to solve protocol conversion problems. , 1990, , .		8
86	Starvation and critical race analyzers for Ada. IEEE Transactions on Software Engineering, 1990, 16, 829-843.	4.3	29
87	Temporal logic-based deadlock analysis for Ada. IEEE Transactions on Software Engineering, 1991, 17, 1109-1125.	4.3	7
88	A computer-aided incremental protocol test sequence generation: the production systems, approach. , 0 , , .		0
89	Protocol validation using a pumping-based approach. , 0, , .		0
90	Constructing protocols with alternative functions. IEEE Transactions on Computers, 1991, 40, 376-386.	2.4	23
91	An integrated approach to design of protocol specifications using protocol validation and synthesis. IEEE Transactions on Computers, 1991, 40, 459-467.	2.4	4

#	Article	IF	CITATIONS
92	A user friendly software environment for protocol synthesis. IEEE Transactions on Computers, 1991, 40, 477-486.	2.4	5
93	A unified approach to the deadlock detection problem in networks of communicating finite state machines., 1990,, 243-252.		7
94	An approach to indirect protocol conversion. Computer Networks, 1991, 21, 93-108.	1.0	13
95	Global states monitoring algorithm for distributed system. Systems and Computers in Japan, 1991, 22, 45-56.	0.2	2
96	A real-time transition model for analyzing behavioral compatibility of telecommunications services. , 1991, , .		13
97	A real-time transition model for analyzing behavioral compatibility of telecommunications services. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1991, 16, 101-111.	0.5	7
98	Data flow analysis of communicating finite state machines. ACM Transactions on Programming Languages and Systems, 1991, 13, 399-442.	1.7	59
99	A layered communications system generator. , 0, , .		2
100	An incremental protocol test method: formal modeling and architectures. , 0, , .		0
101	An algebraic approach to validate communication protocols. , 0, , .		0
102	Communication system generator on layered communicating finite state machine. , 0, , .		0
103	An integrated system of modelling, analysis and simulation for real-time networks. , 0, , .		2
104	Protocol validation for large-scale applications. IEEE Software, 1992, 9, 23-26.	2.1	6
105	A fast protocol conversion technique using reduction of state transition graphs. , 1992, , .		5
106	Tuning distributed control algorithms for optimal functioning. Journal of Global Optimization, 1992, 2, 177-199.	1.1	4
107	Analysis of a class of communicating finite state machines. Acta Informatica, 1992, 29, 499-522.	0.5	24
108	A layered communication system generator. Journal of Systems and Software, 1992, 18, 157-170.	3.3	3
109	Validation method for telecommunications protocol with internal events. Electronics and Communications in Japan, 1992, 75, 16-30.	0.1	0

#	Article	IF	Citations
110	Testing for unboundedness of fifo channels. Theoretical Computer Science, 1993, 113, 93-117.	0.5	30
111	An improved algorithm for protocol validation by extended circular exploration. Microprocessing and Microprogramming, 1993, 36, 179-194.	0.3	0
112	Reverse reachability analysis: A new technique for deadlock detection on communicating finite state machines. Software - Practice and Experience, 1993, 23, 965-979.	2.5	6
113	Test case verification by model checking. Formal Methods in System Design, 1993, 2, 277-321.	0.9	5
114	Modeling robust asynchronous communication protocols with finite-state machines. IEEE Transactions on Communications, 1993, 41, 492-500.	4.9	0
115	Decidability issues in reduced reachability analysis. , 0, , .		4
116	A note on communicating machines with identical symmetrical and dual processes using rewriting systems. , 0, , .		0
117	An incremental protocol verification method for ECFSM-based protocols. , 0, , .		O
118	Verifying programs with unreliable channels. , 0, , .		48
119	An ECFSM-based maximal progress protocol verification. , 0, , .		1
120	Stochastic query optimization in distributed databases. ACM Transactions on Database Systems, 1993, 18, 262-288.	1.5	9
121	A reduced incremental ECFSM-based protocol verification. , 0, , .		O
122	Conversion Between Computer Network Protocols using Graph Matching Technique. IETE Journal of Research, 1993, 39, 291-303.	1.8	0
123	A backward protocol verification method., 0, , .		2
125	Duplication, insertion and lossiness errors in unreliable communication channels. , 1994, , .		2
126	Interfaces, protocols, and the semi-automatic construction of software adaptors. , 1994, , .		59
127	Interface design and controller synthesis of digital systems in an object oriented environment. Microprocessing and Microprogramming, 1994, 40, 553-576.	0.3	0
128	Comments on a paper by Voas, Payne and Cohen:  A model for detecting the existence of software corruption in real time'. Computers and Security, 1994, 13, 527-531.	4.0	1

#	Article	IF	CITATIONS
129	A framework for adding real-time distributed software fault detection and isolation to SNMP-based systems management. Journal of Network and Systems Management, 1994, 2, 257-282.	3.3	6
130	A modified transition tour protocol test method. Journal of Systems Integration, 1994, 4, 257-300.	0.1	1
131	Decidability of the termination problem for completely specified protocols. Distributed Computing, 1994, 7, 129-135.	0.7	57
132	A design method for communications software evolution. , 0, , .		0
133	On the construction of multiphase communication protocols. , 0, , .		11
134	Generalized fair reachability analysis for cyclic protocols: decidability for logical correctness problems. , 0, , .		4
135	Single-link and time communicating finite state machines. , 0, , .		7
136	Interfaces, protocols, and the semi-automatic construction of software adaptors. ACM SIGPLAN Notices, 1994, 29, 176-190.	0.2	5
137	Duplication, insertion and lossiness errors in unreliable communication channels. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1994, 19, 35-43.	0.5	1
138	Timed protocol verification for Estelle-specified protocols. Computer Communication Review, 1995, 25, 4-32.	1.5	8
139	Verifying the progress properties of a heterogeneous protocol system in an internetworking environment. Computer Communications, 1995, 18, 384-391.	3.1	3
140	Modeling and analysis of temporal constraints in communication protocols. Annales Des Telecommunications/Annals of Telecommunications, 1995, 50, 907-919.	1.6	1
141	Generalized fair reachability analysis for cyclic protocols with nondeterministic and internal transitions. , 0, , .		5
142	Executable specifications for distributed software systems. , 0, , .		1
143	Deadlock detection in communicating finite state machines by even reachability analysis. , 0, , .		2
144	On guaranteed bandwidth channels. , 0, , .		3
145	Automatic alarm correlation for fault identification. , 0, , .		47
146	Reachability problems for cyclic protocols. , 0, , .		5

#	ARTICLE	IF	CITATIONS
147	Internetworking between TP4 and TCP through protocol complementation. , 0, , .		2
148	Automating process discovery through event-data analysis. , 1995, , .		118
149	EHPVS: A protocol verification system for verifying protocols specified in Estelle. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 1995, 18, 379-390.	0.6	1
150	Protocol pruning. Proceedings of the IEEE, 1995, 83, 1357-1372.	16.4	5
151	Reduced reachability graphs with parallel actions and dynamic replacement. , 0 , , .		0
152	On reachability and reverse reachability analysis of communicating finite state machines. , 0, , .		0
153	On conditions to verify progress and finiteness for cyclic communicating machines. , 0, , .		0
154	Principles and methods of testing finite state machines-a survey. Proceedings of the IEEE, 1996, 84, 1090-1123.	16.4	913
155	Reachability and reverse reachability analysis of CFSMs. Computer Communications, 1996, 19, 668-674.	3.1	0
156	An integration-oriented approach for designing communication protocols from component-based service specifications. , 0, , .		1
157	Partial-order validation for multi-process protocols modeled as communicating finite state machines. , 0, , .		2
158	Bridging the gap between formal specification and analysis of communication protocols. , 0, , .		5
159	Generalized fair reachability analysis for cyclic protocols. IEEE/ACM Transactions on Networking, 1996, 4, 192-204.	2.6	11
160	Synthesis of communications protocols. Computer Communication Review, 1996, 26, 40-59.	1.5	26
161	A contracting model for flexible distributed scheduling. Annals of Operations Research, 1996, 65, 195-222.	2.6	31
162	Unreliable Channels Are Easier to Verify Than Perfect Channels. Information and Computation, 1996, 124, 20-31.	0.5	100
163	Verifying Programs with Unreliable Channels. Information and Computation, 1996, 127, 91-101.	0.5	206
164	Undecidable Verification Problems for Programs with Unreliable Channels. Information and Computation, 1996, 130, 71-90.	0.5	64

#	Article	IF	CITATIONS
165	Probabilistic fuzzy timed protocol verification. Computer Communications, 1996, 19, 407-425.	3.1	2
166	An approach to cyclic protocol validation. Computer Communications, 1996, 19, 1175-1187.	3.1	4
167	Validation of protocols with temporal constraints. Computer Communications, 1996, 19, 1188-1199.	3.1	3
168	On constructing communication protocols from component-based service specifications. Computer Communications, 1996, 19, 1200-1215.	3.1	10
169	Testing in context: framework and test derivation. Computer Communications, 1996, 19, 1236-1249.	3.1	49
170	A semi-automated verification method for communication protocols modeled as 2-ECFSMs., 0,,.		1
171	Deadlock detection by fair reachability analysis: from cyclic to multi-cyclic protocols (and beyond?)., 0,,.		5
172	Protocol specifications and component adaptors. ACM Transactions on Programming Languages and Systems, 1997, 19, 292-333.	1.7	424
173	Formal methods for broadband and multimedia systems (tutorial). , 1997, , .		1
174	Design of a parallel protocol verification system. , 0, , .		1
176	Probabilistic lossy channel systems. Lecture Notes in Computer Science, 1997, , 667-681.	1.0	35
177	Automatic simulation to predict software architecture reliability. , 0, , .		11
178	Passive testing and applications to network management., 0, , .		65
179	Deadlock detection in communicating finite state machines by even reachability analysis. Mobile Networks and Applications, 1997, 2, 251-257.	2,2	8
180	Verifying identical communicating processes is undecidable. Theoretical Computer Science, 1997, 174, 217-230.	0.5	13
181	Design of simplified protocol converters through protocol complementation. Computer Communications, 1997, 20, 528-534.	3.1	1
182	Protocol validation by simultaneous reachability analysis. Computer Communications, 1997, 20, 772-788.	3.1	23
183	A modular methodology to verify communication protocols. Computer Communications, 1997, 20, 1069-1077.	3.1	1

#	Article	IF	CITATIONS
184	An estelle-based incremental protocol design system. Journal of Systems and Software, 1997, 36, 115-135.	3.3	3
185	Specification, validation, and verification of time-critical systems. Computer Communications, 1998, 21, 460-469.	3.1	0
186	Resolution-based approach to compatibility analysis of interacting automata. Theoretical Computer Science, 1998, 194, 183-205.	0.5	4
187	Formal methods for broadband and multimedia systems. Computer Networks, 1998, 30, 865-899.	1.0	7
188	Performance prediction based on semi-formal software architectural description. , 0, , .		7
189	A Java-based formal development environment for factory communication systems. , 0, , .		0
190	Passive testing of networks using a CFSM specification. , 0, , .		23
191	On improving reachability analysis for verifying progress properties of networks of CFSMs., 0,,.		6
192	Discovering models of software processes from event-based data. ACM Transactions on Software Engineering and Methodology, 1998, 7, 215-249.	4.8	716
193	To maintain a reliable software specification. , 0, , .		4
194	Multimedia synchronization with user interactions using interactive extended finite state machines (IEFSMS). Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 1998, 21, 233-254.	0.6	1
196	On the hierarchy of functioning rules in distributed computing. RAIRO - Operations Research, 1999, 33, 15-27.	1.0	2
197	An optical layer protocol for lightpath management in WDM networks. , 1999, , .		1
198	Submodule construction from concurrent system specifications. Information and Software Technology, 1999, 41, 499-506.	3.0	8
199	Symbolic reachability analysis of FIFO-channel systems with nonregular sets of configurations. Theoretical Computer Science, 1999, 221, 211-250.	0.5	56
200	Diagnosis of large active systems. Artificial Intelligence, 1999, 110, 135-183.	3.9	179
201	On optimization of continuous-time Markov networks in distributed computing. Journal of Global Optimization, 1999, 15, 299-314.	1.1	0
202	Symbolic Verification of Communication Protocols with Infinite State Spaces using QDDs. Formal Methods in System Design, 1999, 14, 237-255.	0.9	47

#	Article	IF	CITATIONS
203	χSuds-SDL: A Tool for Testing Software Architecture Specifications. Software Quality Journal, 1999, 8, 241-253.	1.4	1
204	χSUDS-SDL: a tool for diagnosis and understanding software specifications. , 0, , .		2
205	Alarm Driven Monitoring Based on Chronicles. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 291-296.	0.4	23
206	Fast protocol validation by the combination of process inspection and global inspection. Electronics and Communications in Japan, 2000, 83, 26-39.	0.1	0
207	Applying formal description techniques to software architectural design. Computer Communications, 2000, 23, 1169-1178.	3.1	7
208	Path-based protocol verification approach. Information and Software Technology, 2000, 42, 229-244.	3.0	2
209	Diagnosis of Active Systems by Automata-Based Reasoning Techniques. Applied Intelligence, 2000, 12, 217-237.	3.3	8
210	An Optical Layer Lightpath Management Protocol for WDM AONs. Photonic Network Communications, 2000, 2, 185-198.	1.4	9
211	Algorithmic Analysis of Programs with Well Quasi-ordered Domains. Information and Computation, 2000, 160, 109-127.	0.5	148
212	Temporal validation of multimedia protocols. Annales Des Telecommunications/Annals of Telecommunications, 2000, 55, 31-44.	1.6	0
213	Using SDL to model an object-oriented real-time software architectural design. , 0, , .		0
214	A software supervision approach for distributed system performance modelling. , 0, , .		0
215	Dependability of complex software systems with component upgrading., 0,,.		2
216	Simulation-trace-based component performance prediction. , 0, , .		0
217	Diagnosis of a class of distributed discrete-event systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2000, 30, 731-752.	3.4	43
218	Detection of livelocks in communication protocols by means of a polygon time structure. , 0, , .		1
219	A tool suite for diagnosis and testing of software design specifications. , 0, , .		4
220	Constructing network models from workflows. , 0, , .		0

#	Article	IF	Citations
221	An XML-message based architecture description language and architectural mismatch checking., 0,,.		6
222	Fault management in avionics telecommunication using passive testing., 0,,.		1
223	Fault management using passive testing for mobile IPv6 networks. , 0, , .		9
224	Well-structured transition systems everywhere!. Theoretical Computer Science, 2001, 256, 63-92.	0.5	482
225	Logic Control and "Reactive―Systems: Algorithmization and Programming. Automation and Remote Control, 2001, 62, 1-29.	0.4	17
226	Model Checking Communication Protocols. Lecture Notes in Computer Science, 2001, , 160-170.	1.0	2
227	From Local to Global Optimization. Nonconvex Optimization and Its Applications, 2001, , .	0.1	12
228	Compositional construction of protocol behaviours with arbitrary channel capacities. , 0, , .		0
229	Infinite-State High-Level MSCs: Model-Checking and Realizability. Lecture Notes in Computer Science, 2002, , 657-668.	1.0	20
230	A novel UNI signaling protocol for optical networks. , 0, , .		0
231	Performance management in avionics telecommunication using passive testing., 0,,.		0
232	Construction of Deadlock-free Designs of Communication Protocols from Observations. Computer Journal, 2002, 45, 162-173.	1.5	7
233	Protocol conversion of plant control system consisted of different type PLCs., 0,,.		2
234	Closed partition lattice and machine decomposition. IEEE Transactions on Computers, 2002, 51, 216-228.	2.4	5
235	Formal modeling methodologies for control of manufacturing cells: Survey and comparison. Journal of Manufacturing Systems, 2002, 21, 40-57.	7.6	23
236	Verifying lossy channel systems has nonprimitive recursive complexity. Information Processing Letters, 2002, 83, 251-261.	0.4	99
237	Title is missing!. Discrete Event Dynamic Systems: Theory and Applications, 2002, 12, 43-81.	0.6	53
238	Well-abstracted transition systems: application to FIFO automata. Information and Computation, 2003, 181, 1-31.	0.5	30

#	Article	IF	Citations
239	Realizability of high-level message sequence charts: closing the gaps. Theoretical Computer Science, 2003, 309, 529-554.	0.5	17
240	Verification in loosely synchronous queue-connected discrete timed automata. Theoretical Computer Science, 2003, 290, 1713-1735.	0.5	6
241	Reachability problems for sequential dynamical systems with threshold functions. Theoretical Computer Science, 2003, 295, 41-64.	0.5	44
242	Conversation specification. , 2003, , .		238
243	E-services., 2003,,.		170
244	Computation in networks of passively mobile finite-state sensors. , 2004, , .		98
246	A Low-Cost and High-Reliability Communication Protocol for Remote Monitoring Devices. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 612-618.	2.4	0
247	Using Forward Reachability Analysis for Verification of Lossy Channel Systems. Formal Methods in System Design, 2004, 25, 39-65.	0.9	58
248	Lossy Communicating Finite State Machines. Telecommunication Systems, 2004, 25, 433-448.	1.6	1
249	Directed explicit-state model checking in the validation of communication protocols. International Journal on Software Tools for Technology Transfer, 2004, 5, 247-267.	1.7	122
250	Modeling adaptable multimedia and self-modifying protocol execution. Future Generation Computer Systems, 2004, 20, 123-143.	4.9	16
251	Conversation protocols: a formalism for specification and verification of reactive electronic services. Theoretical Computer Science, 2004, 328, 19-37.	0.5	134
252	Symbolic verification of infinite systems using a finite union of DFAs. , 0, , .		1
256	The Verification of Probabilistic Lossy Channel Systems. Lecture Notes in Computer Science, 2004, , 445-465.	1.0	21
257	A Scalable Incomplete Test for Message Buffer Overflow in Promela Models. Lecture Notes in Computer Science, 2004, , 216-233.	1.0	11
258	Modular finite state machines for logic control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 393-398.	0.4	8
259	Web Service Interactions: Analysis and Design. , 2005, , .		3
260	Stably Computable Properties of Network Graphs. Lecture Notes in Computer Science, 2005, , 63-74.	1.0	56

#	Article	IF	CITATIONS
261	Tools for composite web services. SIGMOD Record, 2005, 34, 86-95.	0.7	117
262	Regularity Results for FIFO Channels. Electronic Notes in Theoretical Computer Science, 2005, 128, 21-36.	0.9	4
263	Verification of programs with half-duplex communication. Information and Computation, 2005, 202, 166-190.	0.5	56
264	Verification of probabilistic systems with faulty communication. Information and Computation, 2005, 202, 141-165.	0.5	33
265	A Parametric Communication Model for the Verification of BPEL4WS Compositions. Lecture Notes in Computer Science, 2005, , 318-332.	1.0	26
266	Compositional reasoning for port-based distributed systems. , 2005, , .		1
268	Simulating perfect channels with probabilistic lossy channels. Information and Computation, 2005, 197, 22-40.	0.5	12
269	Synchronizability of conversations among Web services. IEEE Transactions on Software Engineering, 2005, 31, 1042-1055.	4.3	90
270	A Middleware for Control over Networks. , 0, , .		13
271	Distributed Computing in Sensor Systems. Lecture Notes in Computer Science, 2005, , .	1.0	0
272	Preserving Consistency of Runtime Monitors across Protocol Changes. , 0, , .		1
273	Using dominators to extract observable protocol contexts. , 2005, , .		2
274	An SDS Modeling Approach for Simulation-based Control. , 0, , .		4
275	On Implementation of Global Concurrent Systems with Local Asynchronous Controllers. Lecture Notes in Computer Science, 2005, , 443-457.	1.0	7
276	Formal analysis of compatibility of Web services via CCS., 2005,,.		10
278	Asynchronous Semantics and Anti-patterns for Interacting Web Services. Proceedings International Conference on Quality Software, 2006, , .	0.0	4
279	Automated verification of proper choreography implementation. , 2006, , .		0
281	Specification and Verification of Dynamic Communication Systems. , 0, , .		7

#	Article	IF	CITATIONS
282	Timed-MPSG: A Formal Model for Real-Time Shop Floor Controller., 2006,,.		6
283	A Component-Based Approach to Automated Web Service Composition. , 2006, , .		1
284	Analyzing conversations of Web services. IEEE Internet Computing, 2006, 10, 18-25.	3.2	58
285	A note on the attractor-property of infinite-state Markov chains. Information Processing Letters, 2006, 97, 58-63.	0.4	9
286	Infinite-state high-level MSCs: Model-checking and realizability. Journal of Computer and System Sciences, 2006, 72, 617-647.	0.9	35
287	Complexity of reachability problems for finite discrete dynamical systems. Journal of Computer and System Sciences, 2006, 72, 1317-1345.	0.9	62
288	Message-passing automata are expressively equivalent to EMSO logic. Theoretical Computer Science, 2006, 358, 150-172.	0.5	24
289	Computation in networks of passively mobile finite-state sensors. Distributed Computing, 2006, 18, 235-253.	0.7	379
290	A general approach to comparing infinite-state systems with their finite-state specifications. Theoretical Computer Science, 2006, 358, 315-333.	0.5	9
291	Modular finite state machines: Development and application to reconfigurable manufacturing cell controller generation. Control Engineering Practice, 2006, 14, 1127-1142.	3.2	43
292	Quantitative analysis of probabilistic lossy channel systems. Information and Computation, 2006, 204, 713-740.	0.5	7
293	A Kleene theorem and model checking algorithms for existentially bounded communicating automata. Information and Computation, 2006, 204, 920-956.	0.5	45
294	Local analysis of atomicity sphere for B2B collaboration. , 2006, , .		5
295	Analysis of communication models in web service compositions. , 2006, , .		47
296	ASDL., 2006,,.		20
297	Verification of communicating data-driven web services. , 2006, , .		58
298	A formal control-theoretic model of a human–automation interactive manufacturing system control. International Journal of Production Research, 2006, 44, 4273-4295.	4.9	21
300	Verifying nondeterministic probabilistic channel systems against l‰-regular linear-time properties. ACM Transactions on Computational Logic, 2007, 9, 5.	0.7	16

#	Article	IF	CITATIONS
301	Testing object-oriented industrial software without precise oracles or results. Communications of the ACM, 2007, 50, 78-85.	3.3	16
302	Test and Analysis of Web Services. , 2007, , .		47
303	A Formal Model for Real-Time Automated Manufacturing System Control with Timed-MPSG., 2007,,.		2
304	The LearnLib in FMICS-jETI., 2007, , .		7
305	Algorithmic Analysis of Piecewise FIFO Systems. , 2007, , .		4
306	The Cost of Punctuality., 2007, , .		31
307	A Semantic Specification Framework for Analyzing Functional Composability of Autonomous Web Services. , 2007, , .		6
308	Formal Modeling of Process Migration. , 2007, , .		1
309	Synthesis and Control of Asynchronous and Distributed Systems. International Conference on Application of Concurrency To System Design, 2007, , .	0.0	2
310	On Verification of Communicating Finite State Machines Using Residual Languages., 2007,,.		1
311	Specification of Realizable Service Conversations Using Collaboration Diagrams. , 2007, , .		27
312	A diagnostic environment for automaton networks. Software - Practice and Experience, 2007, 37, 365-415.	2.5	10
313	DOS Middleware Instrumentation for Ensuring Reproducibility of Testing Procedures. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 56-62.	2.4	1
314	Specification of realizable service conversations using collaboration diagrams. Service Oriented Computing and Applications, 2008, 2, 27-39.	1.3	48
315	Errorâ€preserving reductions on communication protocols. Software Testing Verification and Reliability, 2008, 18, 51-68.	1.7	1
316	Synthesis of decentralized and concurrent adaptors for correctly assembling distributed component-based systems. Journal of Systems and Software, 2008, 81, 2210-2236.	3.3	28
317	Muller message-passing automata and logics. Information and Computation, 2008, 206, 1084-1094.	0.5	5
319	Architecting Dependable Systems V. Lecture Notes in Computer Science, 2008, , .	1.0	1

#	Article	IF	CITATIONS
320	The Ordinal Recursive Complexity of Lossy Channel Systems. Proceedings - Symposium on Logic in Computer Science, 2008, , .	0.0	33
321	Developing Reliable Mediators for Web Service Interactions. , 2008, , .		0
322	An Acknowledgement-Based Approach to Synthesizing Reliable Service Mediators. , 2008, , .		1
323	Exploiting Independence in Design of Web Service Composition. , 2008, , .		1
324	Formal Change Impact Analyses of Extended Finite State Machines Using a Theorem Prover. , 2008, , .		4
325	Applying Agent Composition for Development of Service-Oriented Program Language. , 2008, , .		0
326	Towards compositional synthesis of evolving systems. , 2008, , .		7
327	Alternating timed automata. ACM Transactions on Computational Logic, 2008, 9, 1-27.	0.7	35
328	Modelling the Interaction of Distributed Systems as Protocols. , 2008, , .		1
329	Formal Analysis of Services Compatibility. , 2009, , .		4
330	Model Checking Assembly Code of an Industrial Knitting Machine. , 2009, , .		1
331	Dynamic Policy-Based Routing Using Firewall Rules. , 2009, , .		1
332	Introducing Communication in Dis-POMDPs with Finite State Machines. , 2009, , .		1
333	Static analysis of active XML systems. ACM Transactions on Database Systems, 2009, 34, 1-44.	1.5	23
334	Model-checking Timed Temporal Logics. Electronic Notes in Theoretical Computer Science, 2009, 231, 323-341.	0.9	39
335	Improving robustness of P2P applications in mobile environments. Peer-to-Peer Networking and Applications, 2009, 2, 217-229.	2.6	1
336	Checking Protocol Compatibility using Maude. Electronic Notes in Theoretical Computer Science, 2009, 255, 65-81.	0.9	12
337	An analytical model for end-to-end communication channel over PLCN based on QBDs. Information Processing Letters, 2009, 109, 1252-1259.	0.4	5

#	Article	IF	CITATIONS
338	Petrifying Operating Guidelines for Services., 2009,,.		4
339	Scalable Emulation of Enterprise Systems. , 2009, , .		12
340	Compatibility and Replaceability Analysis of Timed Web Services Protocols. , 2009, , .		2
341	Using Change Impact Analysis to Select Tests for Extended Finite State Machines. , 2009, , .		2
342	Atomicity Analysis of Service Composition across Organizations. IEEE Transactions on Software Engineering, 2009, 35, 2-28.	4.3	30
343	The process mediation framework for semantic web services. International Journal of Agent Oriented Software Engineering, 2009, 3, 27.	0.1	24
344	Handling communications in process algebraic architectural description languages: Modeling, verification, and implementation. Journal of Systems and Software, 2010, 83, 1404-1429.	3.3	5
345	A flexible, object-centric approach for business process modelling. Service Oriented Computing and Applications, 2010, 4, 191-201.	1.3	49
346	Rule-based modelling and simulation of biochemical systems with molecular finite automata. IET Systems Biology, 2010, 4, 453-466.	0.8	14
347	Quasi-static scheduling of communicating tasks. Information and Computation, 2010, 208, 1154-1168.	0.5	2
348	Calibrating embedded protocols on asynchronous systems. Information Sciences, 2010, 180, 1793-1801.	4.0	3
349	Towards Exhibiting Ability of Service Communication Models. , 2010, , .		O
351	QUANTIFYING THE DISCORD: ORDER DISCREPANCIES IN MESSAGE SEQUENCE CHARTS. International Journal of Foundations of Computer Science, 2010, 21, 211-233.	0.8	3
352	Context-Aware Service Discovery and Adaptation Based on Semantic Matchmaking. , 2010, , .		5
353	Learning Communicating Automata from MSCs. IEEE Transactions on Software Engineering, 2010, 36, 390-408.	4.3	16
354	Client Update: A Solution for Service Evolution. , 2011, , .		9
355	An Experiment in Automatic Generation of Protocols from HMSCs. , 2011, , .		1
356	Tools and Algorithms for the Construction and Analysis of Systems. Lecture Notes in Computer Science, 2011, , .	1.0	5

#	Article	IF	CITATIONS
357	Fundamental Approaches to Software Engineering. Lecture Notes in Computer Science, 2011, , .	1.0	1
358	Compact Representations and Efficient Algorithms for Operating Guidelines. Fundamenta Informaticae, 2011, 108, 43-62.	0.3	27
359	Model checking embedded software of an industrial knitting machine. International Journal of Information Technology, Communications and Convergence, 2011, 1, 186.	0.2	7
360	Monitoring of Active Systems With Stratified Uncertain Observations. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 356-369.	3.4	27
361	Complexity of multi-head finite automata: Origins and directions. Theoretical Computer Science, 2011, 412, 83-96.	0.5	42
362	A quest for beauty and wealth (or, business processes for database researchers). , 2011, , .		13
363	Measuring the compatibility of service interaction protocols., 2011,,.		10
364	Choreography conformance via synchronizability. , 2011, , .		54
365	Synthesis of communicating controllers for distributed systems. , 2011, , .		15
366	New Models for Population Protocols. Synthesis Lectures on Distributed Computing Theory, 2011, 2, 1-156.	0.1	25
367	UNDECIDABILITY AND HIERARCHY RESULTS FOR PARALLEL COMMUNICATING FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2011, 22, 1577-1592.	0.8	8
368	Design of and Research on Distributed OJ System Based on Linux. , 2011, , .		O
369	Reachability Problems in Piecewise FIFO Systems. ACM Transactions on Computational Logic, 2012, 13, 1-33.	0.7	1
371	Deciding choreography realizability., 2012,,.		57
372	Inferring networked system models from behavior traces. , 2012, , .		1
373	Finite automata with time-delay blocks. , 2012, , .		1
374	Business Processes: A Database Perspective. Synthesis Lectures on Data Management, 2012, 4, 1-103.	0.6	4
375	Symbolic consistency checking of OpenMp parallel programs. , 2012, , .		6

#	Article	IF	CITATIONS
376	Checking the realizability of BPMN 2.0 choreographies. , 2012, , .		51
377	Asynchronous programs with prioritized task-buffers. , 2012, , .		17
378	Behaviour-Aware Compositions of Things. , 2012, , .		5
379	ON THE COMPUTATIONAL CAPACITY OF PARALLEL COMMUNICATING FINITE AUTOMATA. International Journal of Foundations of Computer Science, 2012, 23, 713-732.	0.8	9
380	Static analysis of Biological Regulatory Networks dynamics using abstract interpretation. Mathematical Structures in Computer Science, 2012, 22, 651-685.	0.5	23
381	Component Interoperabilty Using Aspect Oriented Approach. , 2012, , .		0
382	Deciding choreography realizability. ACM SIGPLAN Notices, 2012, 47, 191-202.	0.2	44
383	A Perfect Model for Bounded Verification. , 2012, , .		14
384	Erroneous state detection in piecewise FIFO system. , 2012, , .		0
385	Modeling and analyzing mixed communications in service-oriented trustworthy software. Science China Information Sciences, 2012, 55, 2738-2756.	2.7	9
386	On termination and invariance for faulty channel machines. Formal Aspects of Computing, 2012, 24, 595-607.	1.4	16
387	Domain-specific regular acceleration. International Journal on Software Tools for Technology Transfer, 2012, 14, 193-206.	1.7	4
388	A generic framework for <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math> -protocol compatibility checking. Science of Computer Programming, 2012, 77, 870-886.	1.5	20
389	Process Nets With Channels. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 213-225.	3.4	29
391	Software Architecture. Lecture Notes in Computer Science, 2013, , .	1.0	0
392	Reachability of Communicating Timed Processes. Lecture Notes in Computer Science, 2013, , 81-96.	1.0	5
393	Advances in Service-Oriented and Cloud Computing. Communications in Computer and Information Science, 2013, , .	0.4	0
394	Formal Aspects of Component Software. Lecture Notes in Computer Science, 2013, , .	1.0	1

#	Article	IF	Citations
395	Parallel Computing Technologies. Lecture Notes in Computer Science, 2013, , .	1.0	0
396	Event clock message passing automata: a logical characterization and an emptiness checking algorithm. Formal Methods in System Design, 2013, 42, 262-300.	0.9	1
397	Queue-Dispatch Asynchronous Systems. , 2013, , .		6
398	A growth model of human papillomavirus type 16 designed from cellular automata and agent-based models. Artificial Intelligence in Medicine, 2013, 57, 31-47.	3.8	15
399	An interface theory for service-oriented design. Theoretical Computer Science, 2013, 503, 1-30.	0.5	14
400	Ordinal theory for expressiveness of well-structured transition systems. Information and Computation, 2013, 224, 1-22.	0.5	2
401	Stone age distributed computing. , 2013, , .		33
402	Model-checking web services business activity protocols. International Journal on Software Tools for Technology Transfer, 2013, 15, 125-147.	1.7	9
403	Modular Verification of Asynchronous Service Interactions Using Behavioral Interfaces. IEEE Transactions on Services Computing, 2013, 6, 262-275.	3.2	0
404	Collaborative data-driven workflows. , 2013, , .		8
405	From diagnosis of active systems to incremental determinization of finite acyclic automata. Al Communications, 2013, 26, 373-393.	0.8	8
406	Research on the dynamic reconfiguration of Web application using two-phase compatibility verification. International Journal of Computer Mathematics, 2013, 90, 2265-2278.	1.0	5
407	Incremental Determinization and Minimization of Finite Acyclic Automata., 2013,,.		3
408	Integer Linear Programming-Based Property Checking for Asynchronous Reactive Systems. IEEE Transactions on Software Engineering, 2013, 39, 216-236.	4.3	2
409	Specification and Model-Based Diagnosis of Higher-Order Discrete-Event Systems. , 2013, , .		4
412	Data-and State-Dependent Power Characterisation and Simulation of Black-Box RTL IP Components at System Level. , 2014, , .		7
413	Trace- and failure-based semantics for responsiveness. Acta Informatica, 2014, 51, 499-552.	0.5	2
414	Finite state machine based flow analysis for WebRTC applications. , 2014, , .		3

#	Article	IF	Citations
416	Natural proofs for asynchronous programs using almost-synchronous reductions. , 2014, , .		18
417	A Cloud-Based Internet of Things Platform for Ambient Assisted Living. Sensors, 2014, 14, 14070-14105.	2.1	116
418	EventBreak. ACM SIGPLAN Notices, 2014, 49, 33-47.	0.2	8
419	Inferring models of concurrent systems from logs of their behavior with CSight. , 2014, , .		120
420	Deadlock and lock freedom in the linear π-calculus. , 2014, , .		38
421	EventBreak., 2014, , .		32
422	Retailoring for Fast, On-the-Fly Trace Generation for NoC Design Space Exploitation. , 2014, , .		0
423	Fail-Safe Testing of Safety-Critical Systems. , 2014, , .		3
424	Automatic verification of interactions in asynchronous systems with unbounded buffers. , 2014, , .		12
425	Diagnosis of Active Systems by Semantic Patterns. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1028-1043.	5.9	23
426	Avoiding diamonds in desynchronisation. Science of Computer Programming, 2014, 91, 45-69.	1.5	1
427	Symbolic Supervisory Control of Distributed Systems With Communications. IEEE Transactions on Automatic Control, 2014, 59, 396-408.	3.6	8
428	Bounded phase analysis of message-passing programs. International Journal on Software Tools for Technology Transfer, 2014, 16, 127-146.	1.7	9
429	Fail-Safe Test Generation in Safety Critical Systems. , 2014, , .		8
430	Testing of safety-critical systems: An aerospace launch application. , 2014, , .		16
431	Temporal logics for concurrent recursive programs: Satisfiability and model checking. Journal of Applied Logic, 2014, 12, 395-416.	1.1	5
432	Pengines: Web Logic Programming Made Easy. Theory and Practice of Logic Programming, 2014, 14, 539-552.	1.1	11
433	From Communicating Machines to Graphical Choreographies. ACM SIGPLAN Notices, 2015, 50, 221-232.	0.2	30

#	ARTICLE	IF	CITATIONS
434	Catching a Structural Bug with a Flower. Fundamenta Informaticae, 2015, 140, 61-87.	0.3	0
437	Fundamental Approaches to Software Engineering. Lecture Notes in Computer Science, 2015, , .	1.0	1
438	Non-deterministic transducer models of retransmission protocols over noisy channels. Information Processing Letters, 2015, 115, 694-698.	0.4	0
439	Shared contract-obedient channels. Science of Computer Programming, 2015, 100, 28-60.	1.5	2
440	Formal Aspects of Component Software. Lecture Notes in Computer Science, 2015, , .	1.0	2
441	Choreographies in the wild. Science of Computer Programming, 2015, 109, 36-60.	1.5	6
442	Passive testing of communicating systems with timeouts. Information and Software Technology, 2015, 64, 19-35.	3.0	9
443	Moving from interface theories to assembly theories. Acta Informatica, 2015, 52, 235-268.	0.5	7
444	Testing proper mitigation in safety-critical systems: An aerospace Launch application. , 2015, , .		6
445	On the Verification of Concurrent, Asynchronous Programs with Waiting Queues. Transactions on Embedded Computing Systems, 2015, 14, 1-26.	2.1	5
446	From Communicating Machines to Graphical Choreographies. , 2015, , .		54
447	Security testing of an aerospace launch system. , 2015, , .		2
448	Intelligent Software Methodologies, Tools and Techniques. Communications in Computer and Information Science, 2015, , .	0.4	6
449	Automated Synthesis of Mediators to Support Component Interoperability. IEEE Transactions on Software Engineering, 2015, 41, 221-240.	4.3	33
450	A layered interface-adaptation architecture for distributed component-based systems. Future Generation Computer Systems, 2015, 47, 113-126.	4.9	8
451	Viable diagnosis of complex active systems. , 2016, , .		5
452	Model-based testing of real-time adaptive motion planning (RAMP). , 2016, , .		3
453	Static deadlock detection for concurrent go by global session graph synthesis. , 2016, , .		43

#	Article	IF	CITATIONS
454	Test Translation for Embedded Finite State Machine Components. Computer Journal, 2016, 59, 1805-1816.	1.5	1
455	Procedure-based development platform for communication protocol stack software., 2016,,.		1
456	A model for the semantics of component interactions of cyber-physical systems. , 2016, , .		3
457	Security Testing of an Unmanned Aerial Vehicle (UAV)., 2016,,.		11
459	Global progress for dynamically interleaved multiparty sessions. Mathematical Structures in Computer Science, 2016, 26, 238-302.	0.5	67
460	Relating two automata-based models of orchestration and choreography. Journal of Logical and Algebraic Methods in Programming, 2016, 85, 425-446.	0.4	20
462	Automated Analysis of Asynchronously Communicating Systems. Lecture Notes in Computer Science, 2016, , 1-18.	1.0	5
463	On deciding synchronizability for asynchronously communicating systems. Theoretical Computer Science, 2016, 656, 60-75.	0.5	21
464	Agent-Based Business Process Modeling and Execution. , 2016, , .		5
465	Realizable temporal logics for web service choreography. Journal of Logical and Algebraic Methods in Programming, 2016, 85, 759-781.	0.4	2
467	Post liftoff security testing of an aerospace launch system. , 2016, , .		1
468	Communication between agents in Alvis language. , 2016, , .		2
469	On the diversity of asynchronous communication. Formal Aspects of Computing, 2016, 28, 847-879.	1.4	15
471	Forward analysis and model checking for trace bounded WSTS. Theoretical Computer Science, 2016, 637, 1-29.	0.5	O
472	Intelligent Decision Technologies 2016. Smart Innovation, Systems and Technologies, 2016, , .	0.5	2
473	Choreography-Based Analysis of Distributed Message Passing Programs. , 2016, , .		2
474	Determinization and minimization of finite acyclic automata by incremental techniques. Software - Practice and Experience, 2016, 46, 513-549.	2.5	7
475	Multiparty Asynchronous Session Types. Journal of the ACM, 2016, 63, 1-67.	1.8	215

#	Article	IF	Citations
476	Formal Aspects of Component Software. Lecture Notes in Computer Science, 2016, , .	1.0	1
477	Three-layered hierarchical scheme with a Kinect sensor microphone array for audio-based human behavior recognition. Computers and Electrical Engineering, 2016, 49, 173-183.	3.0	16
478	Heterogeneous and asynchronous networks of timed systems. Theoretical Computer Science, 2017, 663, 1-33.	0.5	6
479	Formal Aspects of Component Software. Lecture Notes in Computer Science, 2017, , .	1.0	2
480	Computer Science – Theory and Applications. Lecture Notes in Computer Science, 2017, , .	1.0	0
481	Let it recover: multiparty protocol-induced recovery. , 2017, , .		38
482	Actor Based Business Process Modeling and Execution: A Reference Implementation Based on Ontology Models and Microservices. , 2017, , .		4
483	Asynchronous synthesis techniques for coordinating autonomic managers in the cloud. Science of Computer Programming, 2017, 146, 87-103.	1.5	6
484	Undecidability of asynchronous session subtyping. Information and Computation, 2017, 256, 300-320.	0.5	32
485	Orchestrated session compliance. Journal of Logical and Algebraic Methods in Programming, 2017, 86, 30-76.	0.4	4
486	Fencing off go: liveness and safety for channel-based programming. ACM SIGPLAN Notices, 2017, 52, 748-761.	0.2	15
487	Model-based testing of a real-time adaptive motion planning system. Advanced Robotics, 2017, 31, 1159-1176.	1.1	2
488	Fail-safe testing of safety-critical systems: a case study and efficiency analysis. Software Quality Journal, 2018, 26, 3-48.	1.4	7
489	Incremental Construction of Realizable Choreographies. Lecture Notes in Computer Science, 2018, , 1-19.	1.0	9
490	Handling infinitely branching well-structured transition systems. Information and Computation, 2018, 258, 28-49.	0.5	2
491	Semantics of global view of choreographies. Journal of Logical and Algebraic Methods in Programming, 2018, 95, 17-40.	0.4	41
492	Automated verification of automata communicating via FIFO and bag buffers. Formal Methods in System Design, 2018, 52, 260-276.	0.9	11
493	Scalable Correct-by-Construction Conversation Protocols with Event-B: Validation, Experiments and Benchmarks., 2018, , .		1

#	Article	IF	CITATIONS
494	A Modular Framework for Verifying Versatile Distributed Systems. , 2018, , .		0
495	Explanations and Transparency in Collaborative Workflows. , 2018, , .		1
496	StateDroid., 2018,,.		5
497	Perfect Timed Communication Is Hard. Lecture Notes in Computer Science, 2018, , 91-107.	1.0	1
498	The inclusion structure of partially lossy queue monoids and their trace submonoids. RAIRO - Theoretical Informatics and Applications, 2018, 52, 55-86.	0.5	3
499	A model of FSM-based planner and dialogue supporting system for emergency call services. Journal of Supercomputing, 2018, 74, 4603-4612.	2.4	6
501	An FPGA Implementation of a Distributed Virtual Machine. Lecture Notes in Computer Science, 2018, , $101-116$.	1.0	0
502	Automatic verification of database-centric systems. ACM SIGLOG News, 2018, 5, 37-56.	0.3	14
503	Multiparty session types, beyond duality. Journal of Logical and Algebraic Methods in Programming, 2018, 97, 55-84.	0.4	4
506	Some complexity results for stateful network verification. Formal Methods in System Design, 2019, 54, 191-231.	0.9	0
507	Machine Learning and Knowledge Extraction. Lecture Notes in Computer Science, 2019, , .	1.0	6
509	A Posteriori Diagnosis of Discrete-Event Systems with Symptom Dictionary and Scenarios. Lecture Notes in Computer Science, 2019, , 325-333.	1.0	1
510	A modular framework for verifying versatile distributed systems. Journal of Logical and Algebraic Methods in Programming, 2019, 108, 24-46.	0.4	2
511	Modeling and Analyzing Incremental Natures of Developing Software. ACM Transactions on Management Information Systems, 2019, 10, 1-32.	2.1	1
512	A controller synthesis framework for automated service composition. Discrete Event Dynamic Systems: Theory and Applications, 2019, 29, 297-365.	0.6	4
513	Realisability of pomsets. Journal of Logical and Algebraic Methods in Programming, 2019, 108, 69-89.	0.4	12
514	Rigorous Design and Deployment of IoT Applications. , 2019, , .		10
516	Connecting open systems of communicating finite state machines. Journal of Logical and Algebraic Methods in Programming, 2019, 109, 100476.	0.4	10

#	Article	IF	CITATIONS
517	Software Technology: Methods and Tools. Lecture Notes in Computer Science, 2019, , .	1.0	0
518	Input urgent semantics for asynchronous timed session types. Journal of Logical and Algebraic Methods in Programming, 2019, 107, 38-53.	0.4	1
519	Graph-based modeling and simulation of complex systems. Computers and Chemical Engineering, 2019, 125, 134-154.	2.0	28
520	Distributed programming using role-parametric session types in go: statically-typed endpoint APIs for dynamically-instantiated communication structures., 2019, 3, 1-30.		35
521	Less is more: multiparty session types revisited. , 2019, 3, 1-29.		49
522	Engineering Worksheets. , 2019, , xvii-xxi.		0
523	Twinâ€engined diagnosis of discreteâ€event systems. Engineering Reports, 2019, 1, e12060.	0.9	5
524	Checking business process evolution. Science of Computer Programming, 2019, 170, 1-26.	1.5	20
525	Reasoning about knowledge and messages in asynchronous multi-agent systems. Mathematical Structures in Computer Science, 2019, 29, 127-168.	0.5	6
527	Intelligent Diagnosis of Discrete-Event Systems with Preprocessing of Critical Scenarios. Smart Innovation, Systems and Technologies, 2020, , 109-121.	0.5	5
528	Supervisory Control of Communicating Timed Discrete Event Systems for State Avoidance Problem. , 2020, 4, 259-264.		6
529	A core model for choreographic programming. Theoretical Computer Science, 2020, 802, 38-66.	0.5	13
530	Formal design of scalable conversation protocols using Eventâ€B: Validation, experiments, and benchmarks. Journal of Software: Evolution and Process, 2020, 32, e2209.	1.2	4
531	Formal Modeling of Network-on-Chip Using CFSM and its Application in Detecting Deadlock. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 1016-1029.	2.1	10
534	2009P Gastric cancer in BRCA1 germ-line mutation carriers: Results of endoscopic screening and molecular analysis of tumour tissues. Annals of Oncology, 2020, 31, S1120.	0.6	0
536	Pautas cortas de antibioterapia en neumonÃas adquiridas en la comunidad en niños. Archivos De Bronconeumologia, 2020, 56, 835-836.	0.4	2
537	Assessing the effect of water scarcity on crop selection and spatial pattern of croplands in central Iran. Computers and Electronics in Agriculture, 2020, 178, 105743.	3.7	8
539	P.613 New dipeptide mimetic of 2-nd loop of BDNF attenuates individual behavioral signs of opioid dependence in rats. European Neuropsychopharmacology, 2020, 40, S349.	0.3	0

#	Article	IF	CITATIONS
542	Effects of flavourzyme addition on physicochemical properties, volatile compound components and microbial community succession of Suanzhayu. International Journal of Food Microbiology, 2020, 334, 108839.	2.1	30
543	Influence of variable salinity and low light on copper accumulation in the potential seagrass bioindicator, Zostera muelleri. Marine Pollution Bulletin, 2020, 160, 111602.	2.3	2
544	Wireless â€~under the skull' epidural EEG and behavior in piglets during nitrous oxide or carbon dioxide gas euthanasia. Physiology and Behavior, 2020, 227, 113142.	1.0	4
546	Unusual cause of hemoptysis: A case report. Annals of Medicine and Surgery, 2020, 58, 34-36.	0.5	1
547	41P Cardiotoxicity of immune checkpoint inhibitors: A meta-analysis of randomized clinical trials. Annals of Oncology, 2020, 31, S1432.	0.6	0
548	67P Survival of responders to nivolumab (NIVO) + ipilimumab (IPI) as first-line treatment for advanced NSCLC in CheckMate 227, part 1. Annals of Oncology, 2020, 31, S1444-S1445.	0.6	3
549	Interestingness elements for explainable reinforcement learning: Understanding agents' capabilities and limitations. Artificial Intelligence, 2020, 288, 103367.	3.9	46
550	Regulatory effects of cervical sympathetic trunk and renal sympathetic nerve activities on cerebral blood flow during head-down postural rotations. Autonomic Neuroscience: Basic and Clinical, 2020, 229, 102738.	1.4	1
551	AN ONLINE VIRTUAL PLATFORM TO DELIVER OUTPATIENT CARE FOR PATIENTS WITH ATRIAL FIBRILLATION: A PILOT STUDY. Canadian Journal of Cardiology, 2020, 36, S42.	0.8	0
552	Using science management partnerships to develop landscape level indicators and assessments to measure vulnerability of Piñon-Juniper woodlands. Ecological Indicators, 2020, 119, 106830.	2.6	2
553	Factors and Survival Implications associated with biopsy of hepatocellular carcinoma. Hpb, 2021, 23, 1054-1060.	0.1	1
554	Development of a topographic-corrected temperature and greenness model (TG) for improving GPP estimation over mountainous areas. Agricultural and Forest Meteorology, 2020, 295, 108193.	1.9	22
555	Virtual reality and embodied experience induce similar levels of empathy change: Experimental evidence. Computers in Human Behavior Reports, 2020, 2, 100038.	2.3	16
556	Ingestion of anthropogenic debris by migratory barnacle geese Branta leucopsis on a remote north-eastern Atlantic island. Marine Pollution Bulletin, 2020, 160, 111588.	2.3	5
557	Unsupervised Edge Detector based on Evolved Cellular Automata. Procedia Computer Science, 2020, 176, 470-479.	1.2	0
562	The Drosophila midgut and the systemic coordination of lipid-dependent energy homeostasis. Current Opinion in Insect Science, 2020, 41, 100-105.	2.2	13
564	Prise en charge d'une hyperferritinémie. La Presse Médicale Formation, 2020, 1, 540-542.	0.1	0
566	Cambios metabólicos corticales y resultado clÃnico en la hidrocefalia normotensiva después de la derivación ventrÃculo-peritoneal: nuestros resultados preliminares. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 367-374.	0.0	3

#	Article	IF	CITATIONS
568	328P Impact of COVID-19 pandemic on 30 days colorectal cancer patients mortality undergoing emergency operation. Annals of Oncology, 2020, 31, S1369.	0.6	1
571	Generation, establishment and characterization of a pluripotent stem cell line (CVTTHi001-A) from primary fibroblasts isolated from a patient with activated PI3 kinase delta syndrome (APDS2). Stem Cell Research, 2020, 49, 102082.	0.3	1
574	Epigenetic analysis of TREG/CD3+ T cell ratio in stemi patients – association with adverse cardiovascular events. Atherosclerosis, 2020, 315, e55.	0.4	0
575	Acute hepatic encephalopathy in a patient treated with lomitapide. Atherosclerosis, 2020, 315, e214.	0.4	1
576	Cone beam CT to assess screw length selection for BSSO fixation: should routine use be considered?. British Journal of Oral and Maxillofacial Surgery, 2020, 58, e207.	0.4	0
577	Pulse potential method-assisted construction and regulation of a trivalent chromium conversion coating on hot-dip coated steel sheet. Corrosion Science, 2020, 176, 109026.	3.0	3
578	A time for transdisciplinarity. Current Opinion in Environmental Sustainability, 2020, 46, 16-17.	3.1	6
579	A multi-plant production planning model considering non- repeated setup and aperiodic shipment. Journal of Manufacturing Systems, 2020, 57, 451-459.	7.6	3
580	Temperature elevation and acidification damage microstructure of abalone via expression change of crystal induction genes. Marine Environmental Research, 2020, 162, 105114.	1.1	2
581	Amal Chandran—Vice-Chair, Task Group on Establishing a Constellation of Small Satellites (TGCSS). Space Research Today, 2020, 209, 6-7.	1.0	0
582	Teaching interprofessional practice skills to nursing, social work and pharmacy students in primary care health centers. Journal of Interprofessional Education and Practice, 2020, 21, 100373.	0.2	4
583	Survival analysis of patients with prostate cancer and unfavorable risk factors treated with radical prostatectomy and salvage radiotherapy after biochemical recurrence and persistence. Actas Urológicas Españolas (English Edition), 2020, 44, 701-707.	0.2	2
586	Intubation Factors associated with Increased Second Attempt Success. Journal of Emergency Medicine, 2020, 59, 769.	0.3	0
588	TEM characterization of hot-pressed ZrB2-SiC-AlN composites. Results in Physics, 2020, 19, 103348.	2.0	12
589	Surreal oilscape. New Scientist, 2020, 248, 28-29.	0.0	0
592	Heart Failure Explosion and Paper of the Year. Journal of Cardiac Failure, 2020, 26, 907-908.	0.7	0
593	15054 Impact of baricitinib on patient-reported skin symptoms, itch, and quality of life in adult patients with moderate to severe atopic dermatitis and an inadequate response to topical therapies from phase 3 trials BREEZE-AD1 and BREEZE-AD2. Journal of the American Academy of Dermatology, 2020, 83, AB28.	0.6	0
594	18226 Laser and light therapies for the treatment of necrobiosis lipoidica. Journal of the American Academy of Dermatology, 2020, 83, AB93.	0.6	0

#	Article	IF	CITATIONS
595	Tracheal necrotizing granulomatosis in antineutrophil cytoplasmic antibody–associated vasculitis. Kidney International, 2020, 98, 1624.	2.6	0
597	Removal of gaseous DiBP and DnBP by ionizer-assisted filtration with an external electrostatic field. Environmental Pollution, 2020, 267, 115591.	3.7	11
598	Genetics of the estuarine copepod Eurytemora affinis with regard to improving water quality. Estuarine, Coastal and Shelf Science, 2020, 246, 107037.	0.9	0
599	Spectral wave modelling of the extreme 2013/2014 winter storms in the North-East Atlantic. Ocean Engineering, 2020, 216, 108012.	1.9	4
600	Automobile pollution control using catalysis. Resources, Environment and Sustainability, 2020, 2, 100006.	2.9	44
601	Empagliflozin Treatment Ameliorates the Inflammatory Profile of type 2 Diabetic Patients and reduce NFkB Expression by Promoting an Antioxidant Response in Leukocytes. Free Radical Biology and Medicine, 2020, 159, S87-S88.	1.3	0
602	Leucrose, a natural sucrose isomer, suppresses dextran sulfate sodium (DSS)-induced colitis in mice by regulating macrophage polarization via JAK1/STAT6 signaling. Journal of Functional Foods, 2020, 74, 104156.	1.6	5
603	Current COVID-19 vaccine candidates: Implications in the Saudi population. Saudi Pharmaceutical Journal, 2020, 28, 1743-1748.	1.2	17
604	Pure laparoscopic right hepatectomy: A risk score for conversion for the paradigm of difficult laparoscopic liver resections. A single centre case series. International Journal of Surgery, 2020, 82, 108-115.	1.1	9
605	De novo synthesis of phospholipids and sphingomyelin in multipotent stromal cells - Monitoring studies by mass spectrometry. Chemistry and Physics of Lipids, 2020, 232, 104965.	1.5	4
606	A Volumetric Analysis of Stereotactic Radiosurgery Low Dose Volumes in Preventing Future Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2020, 108, e695.	0.4	0
607	Delta-Frequency Augmentation and Synchronization in Seizure Discharges and Telencephalic Transmission. IScience, 2020, 23, 101666.	1.9	11
608	The observation of growth and diffusion of electrolytic product in ECM. Journal of Manufacturing Processes, 2020, 60, 636-643.	2.8	2
610	Reply. Clinical Gastroenterology and Hepatology, 2020, 18, 3061-3062.	2.4	1
611	Eight-year ecophysiology and growth dynamics of Picea rubens seedlings planted in harvest gaps of partially cut stands. Forest Ecology and Management, 2020, 478, 118514.	1.4	5
612	Robotic hepatectomy is a safe and cost-effective alternative to conventional open hepatectomy: A single center experience. Hpb, 2020, 22, S186-S187.	0.1	1
613	Cholesterol Loaded Cyclodextrin Supplementation Enhances the Cholesterol-to-Phospholipid Ratio and Diminishes Oxidative Stress in Jack Spermatozoa During Cryopreservation. Journal of Equine Veterinary Science, 2020, 94, 103237.	0.4	2
614	The economics of costly demand response. Electricity Journal, 2020, 33, 106821.	1.3	1

#	Article	IF	CITATIONS
615	Effects of intracoelomic alfaxalone–dexmedetomidine on righting reflex in common garter snakes (Thamnophis sirtalis): preliminary data. Veterinary Anaesthesia and Analgesia, 2020, 47, 793-796.	0.3	1
617	Hypoglycemic and anticataract activity of crude exopolysaccharides of medicinal mushroom Phellinus badius on streptozotocin-induced diabetic rats and goat eye lenses respectively. Bioactive Carbohydrates and Dietary Fibre, 2020, 24, 100241.	1.5	5
618	Gender Differences In Hispanic Patients of Mexican Origin Hospitalized With Heart Failure. Journal of Cardiac Failure, 2020, 26, S54-S55.	0.7	0
619	Translation and Replication Dynamics of Single RNA Viruses. Cell, 2020, 183, 1930-1945.e23.	13.5	47
620	Area-level differences in the prices of tobacco and electronic nicotine delivery systems $\hat{a} \in \text{``}$ A systematic review. Health and Place, 2020, 65, 102395.	1.5	9
621	Influence of chemical treatment on the properties of cement-paper hybrid composites for ceiling board application. Heliyon, 2020, 6, e04512.	1.4	13
622	An EEG emotion recognition method based on transfer learning and echo state network for HilCPS. Microprocessors and Microsystems, 2021, 87, 103381.	1.8	4
625	Human and Mouse Transcriptome Profiling Identifies Cross-Species Homology in Pulmonary and Lymph Node Mononuclear Phagocytes. Cell Reports, 2020, 33, 108337.	2.9	38
626	Robust vision using retro reflective markers for remote handling in ITER. Fusion Engineering and Design, 2020, 161, 112080.	1.0	2
629	Public transport use and health status in later life: Which relationship?. Research in Transportation Business and Management, 2021, 40, 100591.	1.6	5
630	Realizable causal-consistent reversible choreographies for systems with first-in-first-out communication channels. Journal of Logical and Algebraic Methods in Programming, 2020, 114, 100560.	0.4	0
631	Design, synthesis, characterization, computational study and in-vitro antioxidant and anti-inflammatory activities of few novel 6-aryl substituted pyrimidine azo dyes. Arabian Journal of Chemistry, 2020, 13, 8638-8649.	2.3	25
632	Forensic postmortem computed tomography in suspected unnatural adult deaths. European Journal of Radiology, 2020, 132, 109297.	1.2	9
633	MatchMiner: Computational matching of cancer patients to precision medicine clinical trials. European Journal of Cancer, 2020, 138, S18.	1.3	2
634	Experiments on vapour-liquid equilibrium of CO2-ionic liquid under flow conditions and influence on its refrigeration cycle. Applied Thermal Engineering, 2020, 180, 115865.	3.0	10
635	Mapping Effects of Childhood Trauma Onto Brain Systems and Behavior. Biological Psychiatry, 2020, 88, 810-811.	0.7	0
636	Early-age deformation of cement emulsified asphalt mortar with aluminum powder and expansive agent. Construction and Building Materials, 2020, 260, 120484.	3.2	13
637	Using Video Conferencing Applications to Share the Death Experience During the COVID-19 Pandemic. Journal of Radiology Nursing, 2020, 39, 275-277.	0.2	21

#	Article	IF	CITATIONS
638	Histological diagnosis and grading of pancreatic neuroendocrine tumor by endoscopic ultrasound-guided fine needle biopsy using a 25-gauge needle with a core trap: A multicenter prospective trial. Pancreatology, 2020, 20, 1428-1433.	0.5	10
639	Evidence for strain rate variation and an elevated transient geothermal gradient during shear zone evolution in the Cordillera Blanca, Peru. Tectonophysics, 2020, 794, 228610.	0.9	6
640	Temporal-Fault Diagnosis for Critical-Decision Making in Discrete-Event Systems. Procedia Computer Science, 2020, 176, 521-530.	1.2	4
641	Endovenous laser ablation of incompetent great saphenous veins with 1470-nm laser using bare tip and radial fibers results in similar short-term outcomes. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2021, 9, 1209-1214.	0.9	2
643	Stationary distribution and extinction of a stochastic staged progression AIDS model with staged treatment and second-order perturbation. Chaos, Solitons and Fractals, 2020, 140, 110238.	2.5	37
644	A global analysis of the regional variation in the symptoms of acute respiratory infection during childhood: Epidemics and their association with environmental vulnerability. Health and Place, 2020, 65, 102400.	1.5	6
645	Timed hyperproperties. Information and Computation, 2021, 280, 104639.	0.5	2
646	Spectral stability of smooth solitary waves for the Degasperis-Procesi equation. Journal Des Mathematiques Pures Et Appliquees, 2020, 142, 298-314.	0.8	13
647	160: Exploring Glocalization in the Construction and Implementation of Global Curricula. Radiotherapy and Oncology, 2020, 150, S69.	0.3	0
648	Prevalence and characteristics of non-cirrhotic patients with thrombosis of the portal system. Annals of Hepatology, 2020, 19, 14-15.	0.6	0
649	Characteristics and Distribution of efficient ice nucleating particles in rainwater and soil. Atmospheric Research, 2020, 246, 105129.	1.8	2
650	Dietary management of chyle leak in post operative head & neck oncology patients: a retrospective study. Clinical Nutrition ESPEN, 2020, 40, 550.	0.5	0
651	Consumption of food fried in olive oil and unhealthy aging in a Mediterranean country. Clinical Nutrition ESPEN, 2020, 40, 617-618.	0.5	0
652	The effect of age and body mass index on vitamin d level in mild asthmatic children attending pulmonary clinic in riyadh. Clinical Nutrition ESPEN, 2020, 40, 627.	0.5	O
653	Nutritional and metabolic changes in people living with HIV/AIDS. Clinical Nutrition ESPEN, 2020, 40, 657.	0.5	0
654	Prospective Association Between Carbohydrate Intake And Physical Frailty Among Elderly Community-Dwellers: The Three-City Bordeaux Study. Clinical Nutrition ESPEN, 2020, 40, 685.	0.5	0
655	Real-time plasma position reflectometry system development and integration on COMPASS tokamak. Fusion Engineering and Design, 2020, 160, 112017.	1.0	3
659	Family support for persons with schizophrenia after physical restraint and confinement. EnfermerÃa ClÃnica, 2020, 30, 53-56.	0.1	3

#	Article	IF	CITATIONS
660	Can structure data obtained from CT images substitute for parameters of a preferential flow model?. Geoderma, 2020, 380, 114643.	2.3	5
661	A multi-objective dynamic RTO for plant-wide control. IFAC-PapersOnLine, 2020, 53, 368-373.	0.5	1
662	Virtual academic detailing (e-Detailing): A vital tool during the COVID-19 pandemic. Journal of the American Pharmacists Association: JAPhA, 2020, 60, e95-e99.	0.7	15
663	Quantifying the cooling effect of rain events on outdoor thermal comfort in the southern coastal stations of the Caspian Sea. Journal of Thermal Biology, 2020, 93, 102733.	1.1	9
664	A 6-DoF maneuvering model for the rapid estimation of hydrodynamic actions in deep and shallow waters. Ocean Engineering, 2020, 218, 108103.	1.9	37
665	Machine learning as a tool for analysing the impact of environmental parameters on the radon exhalation rate from soil. Radiation Measurements, 2020, 138, 106402.	0.7	10
666	Shaking table tests on a deep-water high-pier whole bridge under joint earthquake, wave and current action. Applied Ocean Research, 2020, 103, 102329.	1.8	20
667	Conformational States of the Cytoprotective Protein Bcl-xL. Biophysical Journal, 2020, 119, 1324-1334.	0.2	10
668	Data of the rhodium(triphenylphosphine)carbonyl-2,4-dioxo-3-pentyl-4-hydroxybenzoate plus iodomethane oxidative addition and follow-up reactions. Data in Brief, 2020, 32, 106253.	0.5	0
669	On the reciprocal relationship between environmental concerns and car use: Evidence from Nagoya, Japan. Asian Transport Studies, 2020, 6, 100002.	0.7	1
670	Determinants of stunting in children under five years of age in the Bone regency. EnfermerÃa ClÃnica, 2020, 30, 371-374.	0.1	6
671	Generation of a human iPSC line CIBi008-A from amniotic fluid-derived cells of a fetus with β-thalassemia carrying variants of â^'28AÂ>ÂG and IVS-II-654CÂ>ÂT in HBB. Stem Cell Research, 2020, 49, 102074.	0.3	2
672	Inscription., 2020, , v.		0
674	Synaptophysin expression in lung adenocarcinoma: Persistant embryonal morphotype and/or neoplastic change?. Acta Histochemica, 2020, 122, 151611.	0.9	O
675	7. Management of Mycotic Thoracic Aortic Aneurysms: Evolving New Strategies. Annals of Vascular Surgery, 2020, 69, 108-109.	0.4	1
676	Flat Gauge Fields and the Riemann-Hilbert Correspondence. Reports on Mathematical Physics, 2020, 86, 187-208.	0.4	O
678	BrÃ"ve: MÃ@dicaments contre-indiquÃ@s aux patients avec Covid-19. Option/Bio, 2020, 31, 6.	0.0	O
680	325 Do Sterile Probe Covers Confer Less Infection Than an Alcohol-Cleaned Probe? A Pilot Study. Annals of Emergency Medicine, 2020, 76, S126.	0.3	O

#	Article	IF	CITATIONS
681	349 The Physical Examination Is Unreliable in Determining the Location of the Ankle Physis in Healthy Children. Annals of Emergency Medicine, 2020, 76, S135.	0.3	0
682	A System Approach to Therapeutic Packing. JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing, 2020, 49, S54-S55.	0.2	0
687	Evaluating the impact of electrocardiogram analysis methods on the accurate identification of drug-induced changes to QT interval. Journal of Pharmacological and Toxicological Methods, 2020, 105, 106798.	0.3	0
688	Acute kidney injury after heart transplantation: importance of perioperative relative pulmonary hypertension and right ventricular dysfunction. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, S24-S25.	0.6	0
692	Germany hit hard by second wave. New Scientist, 2020, 248, 10.	0.0	0
693	Reversible Computation: Extending Horizons of Computing. Lecture Notes in Computer Science, 2020, ,	1.0	9
694	Incremental correct-by-construction of distributed systems. Journal of Computer Languages, 2020, 57, 100942.	1.5	1
695	Temporal determinization of mutating finite automata: Reconstructing or restructuring. Software - Practice and Experience, 2020, 50, 335-367.	2.5	2
696	Foundations of Information and Knowledge Systems. Lecture Notes in Computer Science, 2020, , .	1.0	1
697	An Evaluation of Uncle Block Mechanism Effect on Ethereum Selfish and Stubborn Mining Combined With an Eclipse Attack. IEEE Access, 2020, 8, 17489-17499.	2.6	26
698	A New Language and Input–Output Hidden Markov Model for Automated Audit Inquiry. IEEE Intelligent Systems, 2020, 35, 39-49.	4.0	3
699	Process calculi as a tool for studying coordination, contracts and session types. Journal of Logical and Algebraic Methods in Programming, 2020, 112, 100527.	0.4	3
700	Fracture of warm S2 columnar freshwater ice: size and rate effects. Acta Materialia, 2021, 202, 22-34.	3.8	15
701	Investigation on cooling behavior of axially rotating heat pipe in profile grinding of turbine blade slots. Applied Thermal Engineering, 2021, 182, 116031.	3.0	18
702	Can electrochemistry help to understand superconductivity – β-Fe1+Se as a case study. Current Opinion in Electrochemistry, 2021, 25, 100630.	2.5	1
703	A fluid dynamics perspective on the flow dependent performance of honey comb microbial fuel cells. Energy, 2021, 214, 118928.	4.5	9
704	A discussion on the decoupling assumption of axial and torsional dynamics in bit-rock models. Journal of Petroleum Science and Engineering, 2021, 202, 108070.	2.1	5
705	Spectrally defined plant functional types adequately capture multidimensional trait variation in herbaceous communities. Ecological Indicators, 2021, 120, 106970.	2.6	6

#	Article	IF	Citations
706	Alien genomic introgressions enhanced fiber strength in upland cotton (Gossypium hirsutum L.). Industrial Crops and Products, 2021, 159, 113028.	2.5	9
709	Unprecedented environmental and energy impacts and challenges of COVID-19 pandemic. Environmental Research, 2021, 193, 110443.	3.7	73
710	Propagation dynamics of a three-species nonlocal competitive–cooperative system. Nonlinear Analysis: Real World Applications, 2021, 58, 103230.	0.9	7
711	Using nanotechnology to prevent fines migration while production. Petroleum, 2021, 7, 168-177.	1.3	9
712	A theoretical and 1-D numerical investigation on a valve/valveless air-breathing pulse detonation engine. Chinese Journal of Aeronautics, 2021, 34, 68-78.	2.8	4
713	The effects of cross-sectional shapes on the axial performance of concrete-filled steel tube columns. Journal of Constructional Steel Research, 2021, 176, 106424.	1.7	36
714	Communicating finite-state machines, first-order logic, and star-free propositional dynamic logic. Journal of Computer and System Sciences, 2021, 115, 22-53.	0.9	2
717	Pandemia de la COVID-19: sÃndrome de Burnout en profesionales sanitarios que trabajan en hospitales de campaña en Brasil. EnfermerÃa ClÃnica, 2021, 31, 128-129.	0.1	10
718	Updating the Staging System for Diabetic Retinal Disease. Ophthalmology, 2021, 128, 490-493.	2.5	49
719	Removal of adhesive powders from additive-manufactured internal surface via electrochemical machining with flexible cathode. Precision Engineering, 2021, 67, 438-452.	1.8	20
720	Trends in hip and distal femoral fracture rates in Italy from 2007 to 2017. Bone, 2021, 142, 115752.	1.4	11
721	Transplants for Acute Alcoholic Hepatitis. Clinics in Liver Disease, 2021, 25, 229-252.	1.0	1
722	Sex-dependent effects of developmental hypoxia on cardiac mitochondria from adult murine offspring. Free Radical Biology and Medicine, 2021, 162, 490-499.	1.3	16
723	Reconstruction of pH-universal atomic Fe N C catalysts towards oxygen reduction reaction. Journal of Colloid and Interface Science, 2021, 582, 1033-1040.	5. 0	29
724	Direct synthesis of Ru3(BTC)2 metal-organic framework on a Ti/TiO2NT platform for improved performance in the photoelectroreduction of CO2. Journal of CO2 Utilization, 2021, 43, 101364.	3.3	13
725	Proposal of a pathway for enteric virus groups detection as indicators of faecal contamination to enhance the evaluation of microbiological quality in freshwater in Argentina. Science of the Total Environment, 2021, 760, 143400.	3.9	7
726	Numerical investigation of conjugate heat transfer in a pillow-plate heat exchanger. International Journal of Heat and Mass Transfer, 2021, 165, 120567.	2.5	18
727	The combined effect of size, inertia and porosity on the indentation response of ductile materials. Mechanics of Materials, 2021, 153, 103674.	1.7	8

#	ARTICLE	IF	Citations
728	A novel BAFF antagonist, BAFF-Trap, effectively alleviates the disease progression of systemic lupus erythematosus in MRL/lpr mice. Molecular Immunology, 2021, 129, 1-11.	1.0	2
729	Novel mixed-encoding for forecasting patent grant duration. World Patent Information, 2021, 64, 102007.	0.7	3
731	UiO-66(Ce) metal-organic framework as a highly active and selective catalyst for the aerobic oxidation of benzyl amines. Molecular Catalysis, 2021, 499, 111277.	1.0	22
732	Cutaneous vasculitis. Diagnostic Histopathology, 2021, 27, 6-12.	0.2	2
733	Influence of abutment angulation on loss of prosthetic abutment torque under mechanical cycling. Journal of Prosthetic Dentistry, 2021, 125, 349.e1-349.e6.	1.1	9
734	Life under lockdown: Illustrating tradeoffs in South Africa's response to COVID-19. World Development, 2021, 137, 105168.	2.6	60
735	Incongruences for modular forms and applications to partition functions. Advances in Mathematics, 2021, 376, 107448.	0.5	2
736	Drivers and barriers of mobile payment adoption: Malaysian merchants' perspective. Journal of Retailing and Consumer Services, 2021, 59, 102364.	5.3	63
737	Effect of different types and dosages of statins on plasma lipoprotein(a) levels: A network meta-analysis. Pharmacological Research, 2021, 163, 105275.	3.1	18
738	Paternal bisphenol A exposure induces testis and sperm pathologies in mice offspring: Possibly due to oxidative stress?. Saudi Journal of Biological Sciences, 2021, 28, 948-955.	1.8	11
739	The effectiveness of interventions to reduce informality in low- and middle-income countries. World Development, 2021, 138, 105256.	2.6	16
740	Do venture capital firms promote corporate social responsibility?. International Review of Economics and Finance, 2021, 71, 718-732.	2.2	16
741	Modern Rhinoplasty and the Management of Its Complications. Oral and Maxillofacial Surgery Clinics of North America, 2021, 33, i.	0.4	0
743	Retrofitting a thermoelectric-based solar still integrated with an evacuated tube collector utilizing an antibacterial-magnetic hybrid nanofluid. Desalination, 2021, 500, 114871.	4.0	54
744	Measuring Quality in Barrett's Esophagus. Gastrointestinal Endoscopy Clinics of North America, 2021, 31, 219-236.	0.6	0
745	Dose-Response Relationship in Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: A Pooled Analysis of an Asian Liver Radiation Therapy Group Study. International Journal of Radiation Oncology Biology Physics, 2021, 109, 464-473.	0.4	24
746	Lattice strain enhanced acidic etching on as cut sawn silicon wafer. Materials Science in Semiconductor Processing, 2021, 123, 105575.	1.9	3
747	Postpancreatectomy acute pancreatitis: Fact? Fiction? Functional definition and future. Surgery, 2021, 169, 738-739.	1.0	3

#	Article	IF	Citations
748	Genetic diversity and molecular epidemiology of outbreaks of Klebsiella pneumoniae mastitis on two large Chinese dairy farms. Journal of Dairy Science, 2021, 104, 762-775.	1.4	11
749	The m6A reader YTHDC2 inhibits lung adenocarcinoma tumorigenesis by suppressing SLC7A11-dependent antioxidant function. Redox Biology, 2021, 38, 101801.	3.9	133
750	Turnover of gram-negative bacterial biomass-derived carbon through the microbial food web of an agricultural soil. Soil Biology and Biochemistry, 2021, 152, 108070.	4.2	32
751	Recurrent incisional hernia repairs at a tertiary hernia center: Are outcomes really inferior to initial repairs?. Surgery, 2021, 169, 580-585.	1.0	3
752	Short communication: Tissue-specific transcript expression of P-glycoprotein isoforms abcb1a and abcb1b in rainbow trout (Oncorhynchus mykiss) following induction with clotrimazole. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 252, 110538.	0.7	11
753	Eimeria ninakohlyakimovae casts NOX-independent NETosis and induces enhanced IL-12, TNF-α, IL-6, CCL2 and iNOS gene transcription in caprine PMN. Experimental Parasitology, 2021, 220, 108034.	0.5	3
754	The capacities of tripod bucket foundation under uniaxial and combined loading. Ocean Engineering, 2021, 220, 108400.	1.9	20
755	Evaluation of VGF peptides as potential anti-obesity candidates in pre-clinical animal models. Peptides, 2021, 136, 170444.	1.2	11
756	Tricolor imaging of MMPs to investigate the promoting roles of inflammation on invasion and migration of tumor cells. Talanta, 2021, 222, 121525.	2.9	13
757	Vitamin D3 in ovarian antral follicles of mature gilts: Expression of its receptors and metabolic enzymes, concentration in follicular fluid and effect on steroid secretion inÂvitro. Theriogenology, 2021, 160, 151-160.	0.9	12
759	Prediction of the ultimate load-carrying capacity of wooden notched beams with and without reinforcements using a splitting model. Construction and Building Materials, 2021, 271, 121518.	3.2	4
760	Prescription of interleukin-1 inhibitors in a French adult cohort of familial Mediterranean fever. European Journal of Internal Medicine, 2021, 84, 109-111.	1.0	2
761	Heat transfer enhancement in thermal energy storage using phase change material by optimal arrangement. International Journal of Thermal Sciences, 2021, 161, 106736.	2.6	4
762	Disease flare of leptomeningeal metastases without radiological and cytological findings after the discontinuation of osimertinib. Lung Cancer, 2021, 151, 1-4.	0.9	3
763	Preserving the Mediterranean bird flyways: Assessment and prioritization of 38 main wetlands under human and climate threats in Sardinia and Sicily (Italy). Science of the Total Environment, 2021, 751, 141556.	3.9	17
764	Clinical Application of Brain Plasticity in Neurosurgery. World Neurosurgery, 2021, 146, 31-39.	0.7	5
767	Dietary Diversity and Associated Factors Among Children Aged 6–23 Months in Indonesia. Journal of Pediatric Nursing, 2021, 56, 30-34.	0.7	22
768	Spinel CuxCo1â^'xMn2O4 electrode for effectively cleaning organic wastewater via electrocatalytic oxidation. Separation and Purification Technology, 2021, 258, 118024.	3.9	23

#	ARTICLE	IF	CITATIONS
769	Evaluation of different statistical techniques for developing cost correlations of micro hydro power plants. Sustainable Energy Technologies and Assessments, 2021, 43, 100904.	1.7	7
770	Expression of Vascular Endothelial Growth Factor Using Platelet Rich Fibrin (PRF) and Nanohydroxyapatite (nano-HA) in Treatment of Periodontal Intra-Bony Defects - A Randomized Controlled Trial. Saudi Journal of Biological Sciences, 2021, 28, 870-878.	1.8	16
771	Surgical Management of Neuroendocrine Tumor Liver Metastases. Surgical Oncology Clinics of North America, 2021, 30, 39-55.	0.6	20
772	The assessment of blood pressure in pregnant women: pitfalls and novel approaches. American Journal of Obstetrics and Gynecology, 2022, 226, S804-S818.	0.7	20
773	Automated inter-patient seizure detection using multichannel Convolutional and Recurrent Neural Networks. Biomedical Signal Processing and Control, 2021, 64, 102360.	3.5	26
774	The vasopressor action of angiotensin II (ANG II) in ball pythons (Python regius). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 252, 110839.	0.8	0
775	COVID-19: A review of therapeutic strategies and vaccine candidates. Clinical Immunology, 2021, 222, 108634.	1.4	180
776	Spatial–temporal analysis of the comparative advantages of dairy farming: Taking 18 provinces or municipalities in China as an example. Computers and Electronics in Agriculture, 2021, 180, 105846.	3.7	3
777	Seismic performance of interior beam-column joints in reinforced glazed hollow bead insulation concrete frames. Engineering Structures, 2021, 228, 111494.	2.6	5
778	How does herbage mass effect voluntary dry matter intake and in vivo organic matter digestibility in sheep and the in vitro gas production of perennial ryegrass?. Livestock Science, 2021, 244, 104345.	0.6	4
779	Pulmonary Manifestations of Systemic Vasculitis in Children. Pediatric Clinics of North America, 2021, 68, 167-176.	0.9	4
780	Exercise is medicine… when you enjoy it: Exercise enjoyment, relapse prevention efficacy, and health outcomes for youth within a drug and alcohol treatment service. Psychology of Sport and Exercise, 2021, 52, 101800.	1.1	5
781	Does natural gas pricing reform establish an effective mechanism in China: A policy evaluation perspective. Applied Energy, 2021, 282, 116205.	5.1	17
782	Mapping the architecture of single lithium ion electrode particles in 3D, using electron backscatter diffraction and machine learning segmentation. Journal of Power Sources, 2021, 483, 229148.	4.0	35
783	Selenium volatilization from tundra soils in maritime Antarctica. Environment International, 2021, 146, 106189.	4.8	13
784	Exploring the potential of land surface phenology and seasonal cloud free composites of one year of Sentinel-2 imagery for tree species mapping in a mountainous region. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102208.	1.4	31
786	Clinical and Histological Basis of Adenosquamous Carcinoma of the Pancreas: A 30-year Experience. Journal of Surgical Research, 2021, 259, 350-356.	0.8	14
787	Composition and decomposition of multiparty sessions. Journal of Logical and Algebraic Methods in Programming, 2021, 119, 100620.	0.4	13

#	Article	IF	Citations
788	A facile method for the phosphorylation of cellulosic fabric via atmospheric pressure plasma. Carbohydrate Polymers, 2021, 256, 117531.	5.1	10
789	RIFM fragrance ingredient safety assessment, 2,5,7-octatrien-1-ol, 2,6-dimethyl-, 1-acetate, CAS Registry Number 197098-61-6. Food and Chemical Toxicology, 2021, 149, 111933.	1.8	0
791	Modern pollen-vegetation relationships across a landscape mosaic in central México. Review of Palaeobotany and Palynology, 2021, 289, 104362.	0.8	12
795	Nanocontacts give efficient hole injection in organic electronics. Science Bulletin, 2021, 66, 875-879.	4.3	2
796	Immunogenicity and protection efficacy of a Salmonella enterica serovar Typhimurium fnr, arcA and fliC mutant. Vaccine, 2021, 39, 588-595.	1.7	10
797	Mixed-valence clusters: Prospects for single-molecule magnetoelectrics. Coordination Chemistry Reviews, 2021, 426, 213555.	9.5	20
798	Simulation of steel fibre reinforced concrete using RBCS discrete model. Construction and Building Materials, 2021, 266, 120889.	3.2	7
799	Evolutionary dynamics of single species model with Allee effects and aposematism. Nonlinear Analysis: Real World Applications, 2021, 58, 103233.	0.9	1
800	On the State Reachability Problem for Concurrent Programs Under Power. Lecture Notes in Computer Science, 2021, , 47-59.	1.0	5
801	Diagnosis of Active Systems with Abstract Observability. Smart Innovation, Systems and Technologies, 2021, , 505-517.	0.5	0
802	Fair Refinement for Asynchronous Session Types. Lecture Notes in Computer Science, 2021, , 144-163.	1.0	3
803	Asynchronous session subtyping as communicating automata refinement. Software and Systems Modeling, 2021, 20, 311-333.	2.2	2
804	A Session Subtyping Tool. Lecture Notes in Computer Science, 2021, , 90-105.	1.0	1
805	On Network Topologies and the Decidability of Reachability Problem. Lecture Notes in Computer Science, 2021, , 3-10.	1.0	2
806	Data Flow Analysis of Asynchronous Systems using Infinite Abstract Domains. Lecture Notes in Computer Science, 2021, , 30-58.	1.0	0
807	Precise subtyping for asynchronous multiparty sessions., 2021, 5, 1-28.		13
808	Guessing the Buffer Bound forÂk-Synchronizability. Lecture Notes in Computer Science, 2021, , 102-114.	1.0	0
809	Towards Probabilistic Session-Type Monitoring. Lecture Notes in Computer Science, 2021, , 106-120.	1.0	3

#	Article	IF	Citations
810	GoBench: A Benchmark Suite of Real-World Go Concurrency Bugs. , 2021, , .		10
811	Robustness Testing of a semi-autonomous mobile landing platform for Vertical take-off and landing UAVs., 2021,,.		0
813	Parallel simulation of cyber-physical systems. Innovations in Systems and Software Engineering, 2021, 17, 319-331.	1.6	0
814	Compatibility checking for asynchronously communicating software. Science of Computer Programming, 2021, 205, 102569.	1.5	1
815	Reachability Problems on Reliable and Lossy Queue Automata. Theory of Computing Systems, 2021, 65, 1211.	0.7	1
816	Engineering Multi-agent Systems with Statecharts. SN Computer Science, 2021, 2, 1.	2.3	1
817	What can we monitor over unreliable channels?. International Journal on Software Tools for Technology Transfer, 2021, 23, 579-600.	1.7	5
818	Communication complexity meets cellular automata: Necessary conditions for intrinsic universality. Natural Computing, 2021, 20, 307-320.	1.8	0
819	Zooid: a DSL for certified multiparty computation: from mechanised metatheory to certified multiparty processes. , $2021, \ldots$		10
820	Reversible parallel communicating finite automata systems. Acta Informatica, 2021, 58, 263-279.	0.5	1
821	Deadlock-free session types in linear Haskell. , 2021, , .		7
822	An abstract framework for choreographic testing. Journal of Logical and Algebraic Methods in Programming, 2021, 123, 100712.	0.4	3
824	Communicating Finite State Machines and an Extensible Toolchain forÂMultiparty Session Types. Lecture Notes in Computer Science, 2021, , 18-35.	1.0	6
828	Temporal Logics over Transitive States. Lecture Notes in Computer Science, 2005, , 182-203.	1.0	10
829	Flat Acceleration in Symbolic Model Checking. Lecture Notes in Computer Science, 2005, , 474-488.	1.0	49
830	Piecewise FIFO Channels Are Analyzable. Lecture Notes in Computer Science, 2005, , 252-266.	1.0	2
831	On Metric Temporal Logic and Faulty Turing Machines. Lecture Notes in Computer Science, 2006, , 217-230.	1.0	49
832	Verification of Communication Protocols Using Abstract Interpretation of FIFO Queues. Lecture Notes in Computer Science, 2006, , 204-219.	1.0	16

#	Article	IF	CITATIONS
834	Controller Synthesis for MTL Specifications. Lecture Notes in Computer Science, 2006, , 450-464.	1.0	19
835	Communicating Timed Automata: The More Synchronous, the More Difficult to Verify. Lecture Notes in Computer Science, 2006, , 249-262.	1.0	25
836	Symbolic Verification of Communicating Systems with Probabilistic Message Losses: Liveness and Fairness. Lecture Notes in Computer Science, 2006, , 212-227.	1.0	2
837	Analysis of Realizability Conditions for Web Service Choreographies. Lecture Notes in Computer Science, 2006, , 61-76.	1.0	26
838	Communicating finite state machines with priority channels. Lecture Notes in Computer Science, 1984, , 209-221.	1.0	1
839	Modeling and Simulation of Large Biological, Information and Socio-Technical Systems: An Interaction Based Approach., 2006,, 353-392.		28
840	Verification of Probabilistic Systems with Faulty Communication. Lecture Notes in Computer Science, 2003, , 39-53.	1.0	19
841	Model Checking Lossy Channels Systems Is Probably Decidable. Lecture Notes in Computer Science, 2003, , 120-135.	1.0	21
842	Reasoning about Probabilistic Lossy Channel Systems. Lecture Notes in Computer Science, 2000, , 320-333.	1.0	20
843	Channel Representations in Protocol Verification. Lecture Notes in Computer Science, 2001, , 1-15.	1.0	8
844	Quantitative Analysis of Probabilistic Lossy Channel Systems. , 2003, , 1008-1021.		24
845	Conversation Protocols: A Formalism for Specification and Verification of Reactive Electronic Services. Lecture Notes in Computer Science, 2003, , 188-200.	1.0	30
846	Directed explicit model checking with HSF-SPIN. Lecture Notes in Computer Science, 2001, , 57-79.	1.0	92
847	Protocol Construction Using Genetic Search Techniques. Lecture Notes in Computer Science, 2000, , 235-246.	1.0	4
848	On Verifying Fair Lossy Channel Systems. Lecture Notes in Computer Science, 2002, , 543-555.	1.0	7
849	Safe Realizability of High-Level Message Sequence Charts*. Lecture Notes in Computer Science, 2002, , 177-192.	1.0	18
850	Eliminating Queues from RT UML Model Representations. Lecture Notes in Computer Science, 2002, , 375-393.	1.0	7
852	A survey on the decidability questions for classes of fifo nets. Lecture Notes in Computer Science, 1988, , 106-132.	1.0	10

#	Article	IF	CITATIONS
853	Compositional state space generation. Lecture Notes in Computer Science, 1993, , 427-457.	1.0	50
854	Undecidable verification problems for programs with unreliable channels. Lecture Notes in Computer Science, 1994, , 316-327.	1.0	15
855	Decidability of simulation and bisimulation between lossy channel systems and finite state systems. Lecture Notes in Computer Science, 1995, , 333-347.	1.0	10
856	Symbolic verification of communication protocols with infinite state spaces using QDDs. Lecture Notes in Computer Science, 1996, , 1-12.	1.0	40
857	Symbolic reachability analysis of FIFO-channel systems with nonregular sets of configurations. Lecture Notes in Computer Science, 1997, , 560-570.	1.0	19
859	Agent Based Modeling, Mathematical Formalism for. , 2009, , 160-176.		11
860	Specifying Real-Time Requirements for SDL Specifications — A Temporal Logic-Based Approach. IFIP Advances in Information and Communication Technology, 1996, , 19-34.	0.5	17
861	A temporal reachability analysis. IFIP Advances in Information and Communication Technology, 1996, , 35-49.	0.5	6
862	Fault models for testing in context. IFIP Advances in Information and Communication Technology, 1996, , 163-178.	0.5	43
863	Finitely Representing Infinite Reachability Graphs of CFSMs with Graph Grammars. IFIP Advances in Information and Communication Technology, 1996, , 364-379.	0.5	4
865	An Improved Search Strategy for Lossy Channel Systems. , 1997, , 251-264.		6
866	PSL: Beyond Hardware Verification. , 2007, , 245-260.		9
867	Agent Based Modeling, Mathematical Formalism for. , 2012, , 88-104.		4
868	Featherweight Scribble. Lecture Notes in Computer Science, 2019, , 236-259.	1.0	7
869	Verifying Asynchronous Interactions via Communicating Session Automata. Lecture Notes in Computer Science, 2019, , 97-117.	1.0	20
870	Verifying Asynchronous Event-Driven Programs Using Partial Abstract Transformers. Lecture Notes in Computer Science, 2019, , 386-404.	1.0	4
871	Escaping Diagnosability and Entering Uncertainty in Temporal Diagnosis of Discrete-Event Systems. Advances in Intelligent Systems and Computing, 2020, , 835-852.	0.5	2
872	Temporal Diagnosis of Discrete-Event Systems with Dual Knowledge Compilation. Lecture Notes in Computer Science, 2019, , 333-352.	1.0	4

#	Article	IF	Citations
873	Relating Session Types and Behavioural Contracts: The Asynchronous Case. Lecture Notes in Computer Science, 2019, , 29-47.	1.0	2
874	Reachability Problems on Partially Lossy Queue Automata. Lecture Notes in Computer Science, 2019, , 149-163.	1.0	1
875	Realisability of Choreographies. Lecture Notes in Computer Science, 2020, , 263-280.	1.0	3
876	Towards Choreographic-Based Monitoring. Lecture Notes in Computer Science, 2020, , 128-150.	1.0	6
877	Event-B-Supported Choreography-Defined Communicating Systems. Lecture Notes in Computer Science, 2020, , 155-168.	1.0	1
878	Choreography Automata. Lecture Notes in Computer Science, 2020, , 86-106.	1.0	14
879	Statecharts and Agent Technology: The Past and Future. Lecture Notes in Computer Science, 2020, , 511-528.	1.0	1
880	Analysis of Message Passing Programs Using SMT-Solvers. Lecture Notes in Computer Science, 2013, , 272-286.	1.0	7
881	Compatibility Checking for Asynchronously Communicating Software. Lecture Notes in Computer Science, 2014, , 310-328.	1.0	14
882	Metrics-Based Incremental Determinization of Finite Automata. Lecture Notes in Computer Science, 2014, , 29-44.	1.0	3
883	A Gentle Introduction to Multiparty Asynchronous Session Types. Lecture Notes in Computer Science, 2015, , 146-178.	1.0	30
884	Compliance in Behavioural Contracts: A Brief Survey. Lecture Notes in Computer Science, 2015, , 103-121.	1.0	20
885	Asynchronous Coordination of Stateful Autonomic Managers in the Cloud. Lecture Notes in Computer Science, 2016, , 48-65.	1.0	1
886	Intelligent Monitoring of Complex Discrete-Event Systems. Smart Innovation, Systems and Technologies, 2016, , 215-229.	0.5	11
887	Stability-Based Adaptation of Asynchronously Communicating Software. Lecture Notes in Computer Science, 2016, , 321-336.	1.0	2
888	Real-Time Synthesis is Hard!. Lecture Notes in Computer Science, 2016, , 105-120.	1.0	2
889	Diagnosis of Complex Active Systems with Uncertain Temporal Observations. Lecture Notes in Computer Science, 2016, , 45-62.	1.0	6
890	A Core Model for Choreographic Programming. Lecture Notes in Computer Science, 2017, , 17-35.	1.0	7

#	Article	IF	CITATIONS
891	Checking Business Process Evolution. Lecture Notes in Computer Science, 2017, , 36-53.	1.0	12
892	The Transformation Monoid of a Partially Lossy Queue. Lecture Notes in Computer Science, 2017, , 191-205.	1.0	1
893	Communication Requirements for Team Automata. Lecture Notes in Computer Science, 2017, , 256-277.	1.0	10
894	Foundations of Coordination and Contracts and Their Contribution to Session Type Theory. Lecture Notes in Computer Science, 2018, , 21-50.	1.0	1
895	On the Completeness of Verifying Message Passing Programs Under Bounded Asynchrony. Lecture Notes in Computer Science, 2018, , 372-391.	1.0	25
896	Knowledge Compilation Techniques for Model-Based Diagnosis of Complex Active Systems. Lecture Notes in Computer Science, 2018, , 43-64.	1.0	4
897	FSM Based Interoperability Testing Methods for Multi Stimuli Model. Lecture Notes in Computer Science, 2004, , 60-75.	1.0	12
898	A Scalable Incomplete Test for the Boundedness of UML RT Models. Lecture Notes in Computer Science, 2004, , 327-341.	1.0	16
899	Logic-Based Electronic Institutions. Lecture Notes in Computer Science, 2004, , 221-242.	1.0	13
900	Message Sequence Charts. Lecture Notes in Computer Science, 2004, , 537-558.	1.0	19
901	Message-Passing Automata Are Expressively Equivalent to EMSO Logic. Lecture Notes in Computer Science, 2004, , 146-160.	1.0	11
902	Checking Asynchronously Communicating Components Using Symbolic Transition Systems. Lecture Notes in Computer Science, 2004, , 1502-1519.	1.0	8
903	A Kleene Theorem for a Class of Communicating Automata with Effective Algorithms. Lecture Notes in Computer Science, 2004, , 30-48.	1.0	17
904	Compositional Message Sequence Charts (CMSCs) Are Better to Implement Than MSCs. Lecture Notes in Computer Science, 2005, , 429-444.	1.0	6
905	Alternating Timed Automata. Lecture Notes in Computer Science, 2005, , 250-265.	1.0	22
906	An AsmL Semantics for Dynamic Structures and Run Time Schedulability in UML-RT. Lecture Notes in Business Information Processing, 2008, , 238-257.	0.8	7
907	Programming with Live Distributed Objects. Lecture Notes in Computer Science, 2008, , 463-489.	1.0	24
908	Detecting Design Flaws in UML State Charts for Embedded Software. Lecture Notes in Computer Science, 2007, , 109-121.	1.0	4

#	ARTICLE	IF	CITATIONS
909	Replaying Play In and Play Out: Synthesis of Design Models from Scenarios by Learning. Lecture Notes in Computer Science, 2007, , 435-450.	1.0	14
910	A Lower Bound on Web Services Composition. Lecture Notes in Computer Science, 2007, , 274-286.	1.0	28
911	Analyzing Conversations: Realizability, Synchronizability, and Verification., 2007,, 57-85.		10
912	Lattice Automata: A Representation for Languages on Infinite Alphabets, and Some Applications to Verification. Lecture Notes in Computer Science, 2007, , 52-68.	1.0	8
913	Mind the Shapes: Abstraction Refinement Via Topology Invariants. , 2007, , 35-50.		2
914	Automata and Logics for Timed Message Sequence Charts. Lecture Notes in Computer Science, 2007, , 290-302.	1.0	11
915	Propositional Dynamic Logic for Message-Passing Systems. Lecture Notes in Computer Science, 2007, , 303-315.	1.0	6
916	Towards a Theory of Web Service Choreographies. , 2007, , 1-16.		39
917	Dependency Analysis for Control Flow Cycles in Reactive Communicating Processes. Lecture Notes in Computer Science, 2008, , 176-195.	1.0	7
918	Quasi-Static Scheduling of Communicating Tasks. Lecture Notes in Computer Science, 2008, , 310-324.	1.0	6
919	Mixing Lossy and Perfect Fifo Channels. Lecture Notes in Computer Science, 2008, , 340-355.	1.0	23
920	Incremental Determinization of Finite Automata in Model-Based Diagnosis of Active Systems. Lecture Notes in Computer Science, 2008, , 362-374.	1.0	11
921	Requirements in the 21st Century: Current Practice and Emerging Trends. Lecture Notes in Business Information Processing, 2009, , 44-87.	0.8	34
922	Extrapolation-Based Path Invariants for Abstraction Refinement of Fifo Systems. Lecture Notes in Computer Science, 2009, , 107-124.	1.0	7
923	Abstract Interpretation of FIFO Replacement. Lecture Notes in Computer Science, 2009, , 120-136.	1.0	19
924	An Approach for Test Selection for EFSMs Using a Theorem Prover. Lecture Notes in Computer Science, 2009, , 146-162.	1.0	8
925	Reachability Analysis of Communicating Pushdown Systems. Lecture Notes in Computer Science, 2010, , 267-281.	1.0	18
926	Analysis of Communicating Automata. Lecture Notes in Computer Science, 2010, , 50-57.	1.0	12

#	Article	IF	CITATIONS
927	Realizability of Dynamic MSC Languages. Lecture Notes in Computer Science, 2010, , 48-59.	1.0	11
928	Realizability Is Controllability. Lecture Notes in Computer Science, 2010, , 110-127.	1.0	28
930	Modelling and Verification of Web Services Business Activity Protocol. Lecture Notes in Computer Science, 2011, , 357-371.	1.0	17
931	An Automaton over Data Words That Captures EMSO Logic. Lecture Notes in Computer Science, 2011, , 171-186.	1.0	14
932	Synchronizability for Verification of Asynchronously Communicating Systems. Lecture Notes in Computer Science, 2012, , 56-71.	1.0	25
933	Bounded Phase Analysis of Message-Passing Programs. Lecture Notes in Computer Science, 2012, , 451-465.	1.0	26
934	McScM: A General Framework for the Verification of Communicating Machines. Lecture Notes in Computer Science, 2012, , 478-484.	1.0	6
935	Multiparty Session Types Meet Communicating Automata. Lecture Notes in Computer Science, 2012, , 194-213.	1.0	96
936	Refinement and Asynchronous Composition of Modal Petri Nets. Lecture Notes in Computer Science, 2012, , 96-120.	1.0	11
937	Reliable Contracts for Unreliable Half-Duplex Communications. Lecture Notes in Computer Science, 2012, , 2-16.	1.0	9
938	Unidirectional Channel Systems Can Be Tested. Lecture Notes in Computer Science, 2012, , 149-163.	1.0	6
939	Distributed Control of Discrete-Event Systems: A First Step. Lecture Notes in Computer Science, 2012, , 24-45.	1.0	6
940	Dynamic Communicating Automata and Branching High-Level MSCs. Lecture Notes in Computer Science, 2013, , 177-189.	1.0	7
941	Transducer-Based Algorithmic Verification of Retransmission Protocols over Noisy Channels. Lecture Notes in Computer Science, 2013, , 209-224.	1.0	5
942	Channel Properties of Asynchronously Composed Petri Nets. Lecture Notes in Computer Science, 2013, , 369-388.	1.0	6
943	Multiparty Compatibility in Communicating Automata: Characterisation and Synthesis of Global Session Types. Lecture Notes in Computer Science, 2013, , 174-186.	1.0	60
944	Timed Resource Driven Automata Nets for Distributed Real-Time Systems Modelling. Lecture Notes in Computer Science, 2013, , 13-25.	1.0	2
945	Safety Verification of Asynchronous Pushdown Systems with Shaped Stacks. Lecture Notes in Computer Science, 2013, , 288-302.	1.0	5

#	Article	IF	Citations
947	A Logic-Programming Semantics of Services. Lecture Notes in Computer Science, 2013, , 299-313.	1.0	3
948	Run-Time Verification of Behaviour-Aware Mashups in the Internet of Things. Communications in Computer and Information Science, 2013, , 318-330.	0.4	5
949	Decidable Topologies for Communicating Automata with FIFO and Bag Channels. Lecture Notes in Computer Science, 2014, , 281-296.	1.0	10
950	Timed Multiparty Session Types. Lecture Notes in Computer Science, 2014, , 419-434.	1.0	27
952	Automata for Analysing Service Contracts. Lecture Notes in Computer Science, 2014, , 34-50.	1.0	5
953	Analysis of Asynchronous Programs with Event-Based Synchronization. Lecture Notes in Computer Science, 2015, , 535-559.	1.0	3
954	Some Complexity Results for Stateful Network Verification. Lecture Notes in Computer Science, 2016, , 811-830.	1.0	16
955	A Parametric Abstract Domain for Lattice-Valued Regular Expressions. Lecture Notes in Computer Science, 2016, , 338-360.	1.0	5
956	The Paths to Choreography Extraction. Lecture Notes in Computer Science, 2017, , 424-440.	1.0	11
957	On the Undecidability of Asynchronous Session Subtyping. Lecture Notes in Computer Science, 2017, , 441-457.	1.0	25
958	Explicit Connection Actions in Multiparty Session Types. Lecture Notes in Computer Science, 2017, , 116-133.	1.0	33
959	Explanatory Monitoring of Discrete-Event Systems. Smart Innovation, Systems and Technologies, 2020, , 63-77.	0.5	1
960	The complexity of reachability in distributed communicating processes. Acta Informatica, 1988, 25, 333-354.	0.5	5
961	The Theory of Message Sequence Charts. , 2012, , 289-323.		2
962	Automatic verification of database-driven systems. , 2009, , .		31
963	Natural proofs for asynchronous programs using almost-synchronous reductions. ACM SIGPLAN Notices, 2014, 49, 709-725.	0.2	5
964	Analyzing Event-Based Scheduling in Concurrent Reactive Systems. Transactions on Embedded Computing Systems, 2015, 14, 1-27.	2.1	10
965	PSync: a partially synchronous language for fault-tolerant distributed algorithms. , 2016, , .		29

#	Article	IF	Citations
966	PSync: a partially synchronous language for fault-tolerant distributed algorithms. ACM SIGPLAN Notices, 2016, 51, 400-415.	0.2	30
967	Fencing off go: liveness and safety for channel-based programming. , 2017, , .		27
968	Virtualizing FPGAs in the Cloud. , 2020, , .		50
969	Heuristic-aided symbolic simulation for trickle-based wireless sensors networks configuration. , 2020, , .		1
970	Statically verified refinements for multiparty protocols. , 2020, 4, 1-30.		18
971	Towards dataflow analysis of communicating finite state machines. , 1989, , .		6
973	Decisive Markov Chains. Logical Methods in Computer Science, 0, Volume 3, Issue 4, .	0.4	21
974	A lower bound on web services composition. Logical Methods in Computer Science, 2008, 4, .	0.4	15
975	On Global Types and Multi-Party Session. Logical Methods in Computer Science, 0, Volume 8, Issue 1, .	0.4	62
976	MTL-Model Checking of One-Clock Parametric Timed Automata is Undecidable. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 145, 5-17.	0.8	3
977	Multiparty Compatibility for Concurrent Objects. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 211, 73-82.	0.8	4
978	An Erlang Implementation of Multiparty Session Actors. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 223, 36-50.	0.8	14
979	An Abstract Semantics of the Global View of Choreographies. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 223, 67-82.	0.8	12
980	Reliability and Fault-Tolerance by Choreographic Design. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 254, 69-80.	0.8	5
981	Bounded verification of message-passing concurrency in Go using Promela and Spin. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 314, 34-45.	0.8	11
982	Analysis and Verification of Service Interaction Protocols - A Brief Survey. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 35, 75-86.	0.8	6
983	Tau Be or not Tau Be? - A Perspective on Service Compatibility and Substitutability. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 37, 57-70.	0.8	3
984	Interface Theories for (A)synchronously Communicating Modal I/O-Transition Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 46, 1-8.	0.8	7

#	Article	IF	CITATIONS
985	Processes, Roles and Their Interactions. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 78, 24-38.	0.8	2
987	Well-Abstracted Transition Systems. Lecture Notes in Computer Science, 2000, , 566-581.	1.0	6
988	Optimization and Hierarchies for Lumped Distributed Networks. Nonconvex Optimization and Its Applications, 2001, , 105-132.	0.1	0
989	Protocol Conversion Between ADLP80 and IEC 870 Communication Protocol Standards Using Formal Methods. SSRN Electronic Journal, 0, , .	0.4	0
990	Verification of Embedded Reactive Fiffo Systems. Lecture Notes in Computer Science, 2002, , 400-414.	1.0	0
991	Predecessor and Permutation Existence Problems for Sequential Dynamical Systems Discrete Mathematics and Theoretical Computer Science, 2003, DMTCS Proceedings vol. AB,, .	0.1	16
992	An Approach to Preserve Protocol Consistency and Executability Across Updates. Lecture Notes in Computer Science, 2004, , 341-356.	1.0	6
993	Detecting Feature Interactions in Next Generation Communication Software. Ruan Jian Xue Bao/Journal of Software, 2005, 16, 1232.	0.3	2
994	Counterexample-Based Refinement for a Boundedness Test for CFSM Languages. Lecture Notes in Computer Science, 2005, , 58-74.	1.0	5
996	On the Expressiveness of Asynchronous Cellular Automata. Lecture Notes in Computer Science, 2005, , 528-539.	1.0	3
997	Conversation-Based Specification and Composition of Agent Services. Lecture Notes in Computer Science, 2006, , 168-182.	1.0	0
998	A Livelock Freedom Analysis for Infinite State Asynchronous Reactive Systems. Lecture Notes in Computer Science, 2006, , 79-94.	1.0	4
999	A Finite Union of DFAs in Symbolic Model Checking of Infinite Systems. Lecture Notes in Computer Science, 2006, , 277-278.	1.0	0
1000	Analyzing the Impact of Protocol Changes on Tests. Lecture Notes in Computer Science, 2006, , 197-212.	1.0	3
1001	Research on WebGIS based on multi-agent. , 2007, , .		0
1002	Research on WebGIS Based on Multi-agent. Lecture Notes in Computer Science, 2007, , 233-239.	1.0	0
1003	Quantifying the Discord: Order Discrepancies in Message Sequence Charts. Lecture Notes in Computer Science, 2007, , 378-393.	1.0	1
1004	Design, Implementation and Deployment of State Machines Using a Generative Approach. Lecture Notes in Computer Science, 2008, , 175-198.	1.0	0

#	Article	IF	CITATIONS
1005	Intrinsic Monitoring Using Behaviour Models in IPv6 Networks. Lecture Notes in Computer Science, 2009, , 86-99.	1.0	2
1006	CDPN: Communicating Dynamic Petri Net for Adaptive Multimedia Presentation. Communications in Computer and Information Science, 2010, , 165-170.	0.4	0
1007	Undecidability and Hierarchy Results for Parallel Communicating Finite Automata. Lecture Notes in Computer Science, 2010, , 88-99.	1.0	0
1008	Refinement of Components in Connection-Safe Assemblies with Synchronous and Asynchronous Communication. Lecture Notes in Computer Science, 2010, , 154-180.	1.0	3
1009	CAFSM: A Communicating Adaptive Finite State Machine for Personalised Multimedia Streaming. International Journal of Computer Applications, 2010, 1, 98-102.	0.2	0
1010	Propositional Dynamic Logic for Message-Passing Systems. Logical Methods in Computer Science, 2010, 6, .	0.4	2
1011	SMAâ€"The Smyle Modeling Approach. Lecture Notes in Computer Science, 2011, , 103-117.	1.0	1
1014	Decidable Containment Problems of Rational Word Relations. Lecture Notes in Electrical Engineering, 2012, , 337-348.	0.3	0
1015	Symbolic consistency checking of OpenMp parallel programs. ACM SIGPLAN Notices, 2012, 47, 139-148.	0.2	1
1016	Shared Contract-Obedient Endpoints. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 104, 17-31.	0.8	4
1017	Test Selection on Extended Finite State Machines with Provable Guarantees. Journal of Software Engineering and Applications, 2013, 06, 500-510.	0.8	0
1018	Diagnosis of Higher-Order Discrete-Event Systems. Lecture Notes in Computer Science, 2013, , 162-177.	1.0	4
1019	Agent-Based Modeling, Mathematical Formalism for. , 2013, , 1-25.		2
1020	Asynchronously Communicating Visibly Pushdown Systems. Lecture Notes in Computer Science, 2013, , 225-241.	1.0	2
1021	Analyzing Interactions of Asynchronously Communicating Software Components. Lecture Notes in Computer Science, 2013, , 1-4.	1.0	3
1022	Towards an Optimized Software Architecture for Component Adaptation at Middleware Level. Lecture Notes in Computer Science, 2013, , 266-281.	1.0	1
1023	Avoiding Diamonds in Desynchronization. Lecture Notes in Computer Science, 2013, , 36-54.	1.0	0
1024	Verification for Timed Automata Extended with Unbounded Discrete Data Structures. Lecture Notes in Computer Science, 2014, , 512-526.	1.0	0

#	Article	IF	Citations
1025	The Prefix Machine – a Formal Foundation for the BORM OR Diagrams Validation and Simulation. Lecture Notes in Business Information Processing, 2014, , 113-131.	0.8	2
1026	Assembly Theories for Communication-Safe Component Systems. Lecture Notes in Computer Science, 2014, , 145-160.	1.0	2
1027	Parameterized Verification of Communicating Automata under Context Bounds. Lecture Notes in Computer Science, 2014, , 45-57.	1.0	5
1028	System simulation and the sensitivity of self-stabilization. Lecture Notes in Computer Science, 1989, , 249-258.	1.0	O
1029	Parallel protocol verification: The two-phase algorithm and complexity analysis. Lecture Notes in Computer Science, 1990, , 303-316.	1.0	0
1030	Synchronization in Network Protocols. Workshops in Computing, 1990, , 344-367.	0.4	0
1032	Specification and Implementation of Concurrency in a Simple Database System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1990, 23, 23-28.	0.4	0
1034	Toward the Integration of Formal Description Techniques with Performance Evaluation. Informatik Aktuell, 1992, , 1-21.	0.4	1
1035	A fifo-net model for processes with asynchronous communication. Lecture Notes in Computer Science, 1992, , 152-178.	1.0	5
1036	A verification procedure via invariant for extended communicating finite-state machines. Lecture Notes in Computer Science, 1993, , 384-395.	1.0	0
1037	Protocol validation: A parallel technique to reduce the reachability tree. Lecture Notes in Computer Science, 1994, , 109-121.	1.0	0
1038	Generalized Fair Reachability Analysis for Cyclic Protocols: Part 1. IFIP Advances in Information and Communication Technology, 1995, , 271-286.	0.5	4
1039	Decidability of a class of dual communicating finite state machines. Operating Systems Review (ACM), 1996, 30, 59-66.	1.5	0
1040	Formal Description Techniques. , 1998, , 27-37.		0
1041	Effective Recognizability and Model Checking of Reactive Fiffo Automata. Lecture Notes in Computer Science, 1998, , 106-123.	1.0	1
1042	From Orchestration to Choreography through Contract Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 166, 67-85.	0.8	5
1044	Automata and Logics for Concurrent Systems: Five Models in Five Pages. Lecture Notes in Computer Science, 2015, , 3-12.	1.0	0
1045	A Normalized Form for FIFO Protocols Traces, Application to the Replay of Mode-based Protocols. Communications in Computer and Information Science, 2015, , 76-92.	0.4	O

#	Article	IF	Citations
1046	MPass: An Efficient Tool for the Analysis of Message-Passing Programs. Lecture Notes in Computer Science, 2015, , 198-206.	1.0	0
1047	A Full Operational Semantics for Asynchronous Relational Networks. Lecture Notes in Computer Science, 2015, , 131-150.	1.0	0
1048	Model-Based Adaptation of Software Communicating via FIFO Buffers. Lecture Notes in Computer Science, 2015, , 252-266.	1.0	1
1049	Towards World Model-based Test Generation in Autonomous Systems. , 2015, , .		2
1050	On Reachability for Unidirectional Channel Systems Extended with Regular Tests. Logical Methods in Computer Science, 2015, 11, .	0.4	0
1051	Orchestrated Session Compliance. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 189, 21-36.	0.8	2
1052	The LTS WorkBench. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 189, 86-98.	0.8	1
1054	Verification of Parameterized Communicating Automata via Split-Width. Lecture Notes in Computer Science, 2016, , 197-213.	1.0	0
1055	Communicating machines as a dynamic binding mechanism of services. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 203, 85-98.	0.8	1
1056	Session types for communicating systems in event-B. , 2016, , .		0
1057	Two-Buffer Simulation Games. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 220, 27-38.	0.8	0
1058	Multi-Buffer Simulations for Trace Language Inclusion. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 226, 213-227.	0.8	1
1059	Modeling and Simulation Strategies of Cryptographic Protocols Based on Finite State Machine. Advances in Intelligent Systems and Computing, 2017, , 541-551.	0.5	1
1060	Access Control and Availability Vulnerabilities in the ISO/IEC 61850 Substation Automation Protocol. Lecture Notes in Computer Science, 2017, , 239-251.	1.0	4
1061	Tool Supported Analysis of IoT. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 261, 37-56.	0.8	0
1063	Global Types for Open Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 279, 4-20.	0.8	7
1064	Realisability of Pomsets via Communicating Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 279, 37-51.	0.8	0
1065	Automated Composition, Analysis and Deployment of IoT Applications. Lecture Notes in Computer Science, 2019, , 252-268.	1.0	3

#	Article	IF	CITATIONS
1066	Protocol Conformance Test Sequence Generation for Q/GDW11709.2 Based on FSM. Lecture Notes in Electrical Engineering, 2020, , 825-836.	0.3	0
1067	Interface Automata for Choreographies. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 304, 1-19.	0.8	1
1068	On Learning Nominal Automata with Binders. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 304, 137-155.	0.8	0
1069	Max-Plus Matrix Method for Correctness Verification of Communication Protocols. IFAC-PapersOnLine, 2020, 53, 42-47.	0.5	1
1070	Exploring Type-Level Bisimilarity towards More Expressive Multiparty Session Types. Lecture Notes in Computer Science, 2020, , 251-279.	1.0	9
1071	Formalization and analysis of quantitative attributes of distributed systems. , 2020, , .		0
1072	From Well Structured Transition Systems to Program Verification. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 320, 44-49.	0.8	0
1073	On Testing Message-Passing Components. Lecture Notes in Computer Science, 2020, , 22-38.	1.0	2
1074	Agent-Based Modeling, Mathematical Formalism for. , 2020, , 683-703.		2
1075	Composing Communicating Systems, Synchronously. Lecture Notes in Computer Science, 2020, , 39-59.	1.0	6
1076	Choreographic Development of Message-Passing Applications. Lecture Notes in Computer Science, 2020, , 20-36.	1.0	2
1077	Compositionality of Safe Communication in Systems of Team Automata. Lecture Notes in Computer Science, 2020, , 200-220.	1.0	4
1078	Symbolic Verification of MPI Programs with Non-deterministic Synchronizations. Lecture Notes in Computer Science, 2020, , 160-176.	1.0	0
1081	Non-interference Properties for Data-Type Reduction of Communicating Systems. Lecture Notes in Computer Science, 2007, , 619-638.	1.0	1
1082	Calibrating an Embedded Protocol on an Asynchronous System. Studies in Computational Intelligence, 2008, , 227-236.	0.7	1
1083	On the Computational Capacity of Parallel Communicating Finite Automata. Lecture Notes in Computer Science, 0, , 146-157.	1.0	3
1084	New communication protocols from old. Computer Communication Review, 1987, 17, 136-150.	1.5	0
1085	Two notions of sub-behaviour for session-based client/server systems: 10 Years Later. , 2020, , .		O

#	Article	IF	CITATIONS
1086	An Abstract Framework for Choreographic Testing. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 324, 43-60.	0.8	2
1088	Corinne, a Tool for Choreography Automata. Lecture Notes in Computer Science, 2021, , 82-92.	1.0	6
1089	Asynchronous communicating cellular automata: Formalization, robustness and equivalence. Information Sciences, 2022, 587, 335-353.	4.0	1
1090	Bounded Reachability Problems are Decidable in FIFO Machines. Logical Methods in Computer Science, 0, Volume 18 , Issue 1 , .	0.4	0
1091	How treewidth helps in verification. ACM SIGLOG News, 2022, 9, 6-21.	0.3	3
1092	Kmclib: Automated Inference and Verification of Session Types from OCaml Programs. Lecture Notes in Computer Science, 2022, , 379-386.	1.0	2
1093	Rational, recognizable, and aperiodic partially lossy queue languages. International Journal of Algebra and Computation, 0 , 1 -46.	0.4	0
1094	A Multi-Aspect Agent-Based Model of COVID-19: Disease Dynamics, Contact Tracing Interventions and Shared Space-Driven Contagions. , 2021, , .		0
1096	Extending Non-Termination Proof Techniques to Asynchronously Communicating Concurrent Programs. , 0, , .		0
1097	A Sufficient Condition for the Observational Equivalence of Processes. , 0, , .		0
1099	Realizability Analysis of Top-Down Web Service Composition Specifications. Advances in Web Services Research Series, 0, , 50-82.	0.0	0
1100	Formal Choreographic Languages. Lecture Notes in Computer Science, 2022, , 121-139.	1.0	3
1101	A Model ofÂActors andÂGrey Failures. Lecture Notes in Computer Science, 2022, , 140-158.	1.0	2
1102	Guessing the Buffer Bound for k-Synchronizability. International Journal of Foundations of Computer Science, 0 , $1-26$.	0.8	0
1103	On the Satisfiability of Context-free String Constraints with Subword-Ordering., 2022,,.		1
1104	On Composing Communicating Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 365, 53-68.	0.8	0
1105	Comparing Channel Restrictions of Communicating State Machines, High-level Message Sequence Charts, and Multiparty Session Types. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 370, 194-212.	0.8	1
1106	Realisability ofÂBranching Pomsets. Lecture Notes in Computer Science, 2022, , 185-204.	1.0	2

#	Article	IF	CITATIONS
1107	ST4MP: A Blueprint ofÂMultiparty Session Typing forÂMultilingual Programming. Lecture Notes in Computer Science, 2022, , 460-478.	1.0	2
1108	Open Compliance inÂMultiparty Sessions. Lecture Notes in Computer Science, 2022, , 222-243.	1.0	1
1109	Precise Subtyping for Asynchronous Multiparty Sessions. ACM Transactions on Computational Logic, 2023, 24, 1-73.	0.7	2
1110	Precise Subtyping for Asynchronous Multiparty Sessions. ACM Transactions on Storage, 2023, 24, 1-73.	1.4	2
1111	Modeling Interactions among Cyber-Physical Services. , 2022, , .		0
1112	A Partial Order View of Message-Passing Communication Models. , 2023, 7, 1601-1627.		1
1113	Modelling Manufacturing Systems for Digital Twin Through Communicating Finite State Machines. Studies in Computational Intelligence, 2023, , 85-95.	0.7	0
1114	Communicating Actor Automata - Modelling Erlang Processes as Communicating Machines. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 378, 38-48.	0.8	0
1115	Can We Communicate? Using Dynamic Logic toÂVerify Team Automata. Lecture Notes in Computer Science, 2023, , 122-141.	1.0	2
1116	RSC toÂtheÂReSCu: Automated Verification ofÂSystems ofÂCommunicating Automata. Lecture Notes in Computer Science, 2023, , 135-143.	1.0	1
1117	Safe Asynchronous Mixed-Choice forÂTimed Interactions. Lecture Notes in Computer Science, 2023, , 214-231.	1.0	0
1119	Complete Multiparty Session Type Projection withÂAutomata. Lecture Notes in Computer Science, 2023, , 350-373.	1.0	0
1120	Layered Controller Synthesis forÂDynamic Multi-agent Systems. Lecture Notes in Computer Science, 2023, , 50-68.	1.0	0
1121	Decidability Borders ofÂVerification ofÂCommunicating Datalog Agents. Lecture Notes in Computer Science, 2023, , 507-513.	1.0	0
1124	Weakly Synchronous Systems withÂThree Machines Are Turing Powerful. Lecture Notes in Computer Science, 2023, , 28-41.	1.0	0
1125	A Formal Approach to Component Adaptation with a Tool Support., 2023,,.		0
1126	Multicompatibility for Multiparty-Session Composition. , 2023, , .		0
1127	A Dynamic Temporal Logic forÂQuality ofÂService inÂChoreographic Models. Lecture Notes in Computer Science, 2023, , 119-138.	1.0	0

#	Article	IF	CITATIONS
1129	Programming Language Implementations withÂMultiparty Session Types. Lecture Notes in Computer Science, 2024, , 147-165.	1.0	0
1130	Prefabricated Construction Supply Chain Management Based on Improved Hierarchical Finite State Machine., 2023,,.		O