## CITATION REPORT List of articles citing

Petri Nets

DOI: 10.1145/356698.356702 ACM Computing Surveys, 1977, 9, 223-252.

Source: https://exaly.com/paper-pdf/13308076/citation-report.pdf

Version: 2024-04-28

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

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

# Paper		IF	Citations
1057 Linear	time algorithms for liveness and boundedness in conflict-free Petri nets. 1992, 1-14		5
1056 Picture	e processing: 1977. <b>1978</b> , 7, 211-236		12
1055 Analys	is of software design modeled by multiple finite state machines.		1
1054 Analyt	ic Modeling of Computer Systems. <b>1978</b> , 11, 38-56		7
1053 Орега	ting Systems Principles for Data Flow Networks. <b>1978</b> , 11, 86-96		7
1052 <b>A Syn</b> t	hesis Rule for Concurrent Systems. <b>1978</b> ,		51
1051 .			1
1050 <b>Comm</b>	unication issues in parallel algorithms and systems.		
1049 <b>An alg</b>	ebra for parallelism based on petri nets. <b>1978</b> , 39-55		23
1048 Survey	of recent operating systems research, designs and implementations. <b>1978</b> , 12, 53-89		5
1047 <b>A cha</b> r	acterization of concurrency-like relations. <b>1979</b> , 109-122		6
1046 <b>Comp</b> a	aring models of parallel computation by homomorphisms.		
1045 <b>Desig</b> r	n issues in the development of a modular multiprocessor communications network. <b>1979</b> ,		7
1044 Model	ing and simulating data flow computations at machine language level. <b>1979</b> , 11, 207-213		
1043 A Petr	i net definition of a system description language. <b>1979</b> , 348-368		5
1042 Synthe	esis of marked graph computation models for prescribed resources and performance.		
1041 <b>Use of</b>	bipartite graphs as a notation for data bases. <b>1979</b> , 4, 137-141		1

1040 Queueing network software for systems modelling. <b>1979</b> , 9, 369-380	23
1039 . <b>1979</b> , 27, 1671-1680	50
1038 Special Feature: Putting Petri Nets to Work. <b>1979</b> , 12, 85-94	133
1037 Tools For Information System Dynamics Management.	4
Petri Nets for Real Time Control Algorithms Decomposition. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1979</b> , 12, 197-210	1
1035 Modeling and simulating data flow computations at machine language level. <b>1979</b> , 8, 207-213	
1034 Models for specification and analysis of parallel computing systems. <b>1979</b> , 11, 215-224	
1033 Performance evaluation of communicating processes. <b>1979</b> , 11, 241-248	
1032 Models for specification and analysis of parallel computing systems. <b>1979</b> , 8, 215-224	
1031 Performance evaluation of communicating processes. <b>1979</b> , 8, 241-248	
1030 A resource allocation problem. <b>1980</b> , 627-642	1
1029 Architectural approaches to secure databases. <b>1980</b> , 6, 16-24	1
1028 Fault tree and reliability relationships for analyzing noncoherent two-state systems. <b>1980</b> , 56, 309-320	11
1027 Alcune propriet⊡strutturali delle reti di Petri. <b>1980</b> , 3, 83-100	
1026 Synthesis of asynchronous microprogrammable control with parallel processes. <b>1980</b> , 16, 46-52	
1025 Relevance of network theory to models of distributed/parallel processing. <b>1980</b> , 310, 41-50	9
1024 Behaviours of concurrent systems. <b>1980</b> , 12, 39-60	48
1023 Reliability block diagrams and PetriThets. 1980, 20, 613-624	6

1022 A Petri net compiler. **1980**, 1, 277-287

1021 A note on colored Petri nets. <b>1980</b> , 11, 40-43	24
1020 A characterization of systems derived from terminating concurrent histories. <b>1980</b> , 10, 148-152	2
1019 Modeling and Verification of Communication Protocols in Sara: The X.21 Interface. <b>1980</b> , C-29, 1038-1052	13
1018 PETRI NETS FOR REAL TIME CONTROL ALGORITHMS DECOMPOSITION. <b>1980</b> , 197-210	1
1017 Control and Decision Support in Automatic Manufacturing Systems. <b>1980</b> , 12, 156-169	54
1016 A Business Language. <b>1980</b> , 24, 732-746	
1015 Office Information Systems and Computer Science. <i>ACM Computing Surveys</i> , <b>1980</b> , 12, 27-60 13.4	178
1014 A proposal for information systems design and management. <b>1980</b> , 10, 83-109	3
1013 Data Flow ComputingBoftware Development. <b>1980</b> , C-29, 1095-1103	14
1012 Software Design Representation Using Abstract Process Networks. <b>1980</b> , SE-6, 420-435	19
Synthesis of Decision-Free Concurrent Systems for Prescribed Resources and Performance. <b>1980</b> , SE-6, 525-530	31
1010 Anomaly Detection in Concurrent Software by Static Data Flow Analysis. <b>1980</b> , SE-6, 265-278	40
1009 A Model and Proof Technique for Message-Based Systems. <b>1980</b> , 9, 768-784	2
1008 . <b>1980</b> , 68, 1077-1085	19
1007 Protocol Representation with Finite-State Models. <b>1980</b> , 28, 632-643	59
1006 Communication Issues in the Design and Analysis of Parallel Algorithms. <b>1981</b> , SE-7, 174-188	51
1005 An Improved Model for a Microcomputer Component-The 6520 PIA. <b>1981</b> , 1, 17-25	1

1004 <b>On</b>	Decomposition Theory: Generalized Dependence. <b>1981</b> , 11, 699-713		5
1003 AH	lard Programmable Control Unit Design Using VLSI Technology. <b>1981</b> , C-30, 800-810		1
1002 Ad	ditional methods for reduction and expansion of marked graphs. <b>1981</b> , 28, 1009-1014		19
1001 <b>Me</b>	thods and means of parallel processing of information. <b>1981</b> , 17, 1876-1939		
1000 <b>Co</b>	oured petri nets and the invariant-method. <b>1981</b> , 14, 317-336		398
999 <b>A</b> p	robabilistic safety evaluation method of dynamic hazard propagations. <b>1981</b> , 101, 135-144		
998 <b>Pro</b>	tocols of accessing overlapping sets of resources. <b>1981</b> , 12, 239-243		11
007	nsequentiality and Concrete Activity Phases in Discrete-Event Simulation Languages. <i>ACM</i> Insactions on Programming Languages and Systems, <b>1981</b> , 3, 293-317	1.6	1
996 <b>Sin</b>	nulation Graphs: a General Tool for Modeling Simulation Designs. <b>1981</b> , 37, 187-194		35
995 Dia	logue and process design for interactive information systems using Taxis. 1982, 3, 12-20		6
994 Foi	m management. <b>1982</b> , 25, 453-478		101
993 An	nodelling tool for office information systems. <b>1982</b> , 3, 141-152		
	e VAL Language: Description and Analysis. <i>ACM Transactions on Programming Languages and tems</i> , <b>1982</b> , 4, 44-82	1.6	74
991 <b>Pe</b> i	formance Analysis Of Systolic Array Architectures. <b>1982,</b> 0341, 269		
990 <b>Pe</b> i	formance analysis of software for an MIMD computer. <b>1982</b> , 11, 151-162		1
989 Fai	ılt-tolerant wafer-scale architectures for VLSI. <b>1982</b> , 10, 190-198		26
988 <b>O</b> n	teaching theoretical foundations of Computer Science. <b>1982</b> , 14, 58-69		2
	tware and Protocols in Rebus. A Distributed Real-Time Control System. <i>IFAC Postprint Volumes V / International Federation of Automatic Control</i> , <b>1982</b> , 15, 147-153		

986	Synthesis of Hardware for the Control of Digital Systems. <b>1982</b> , 1, 201-212	21
985	Graphical editing and analysis system for network system (Geans). 1982, 6, 47-61	6
984	Petri Nets and Marked GraphsMathematical Models of Concurrent Computation. 1982, 89, 552-566	4
983	Time token design methodology. <b>1982</b> , 12, 889-895	2
982	Adequacy properties of path programs. <b>1982</b> , 18, 149-171	7
981	A unified approach for studying the properties of transition systems. <b>1982</b> , 18, 227-258	63
980	Petri net as a modeling tool. <b>1982</b> , 22, 433-439	7
979	The Orderly Resolution of Memory Access Conflicts Among Competing Channel Processes. <b>1982</b> , C-31, 194-207	25
978	Protection Against External Errors in a Dedicated System. <b>1982</b> , C-31, 311-317	2
977	REBUS, A Fault-Tolerant Distributed System for Industrial Real-Time Control. <b>1982</b> , C-31, 637-647	28
976	Performance Analysis Using Stochastic Petri Nets. <b>1982</b> , C-31, 913-917	609
975	Multiparty Grammars and Related Features for Defining Interactive Systems. <b>1982</b> , 12, 148-154	45
974	Homomorphisms between models of parallel computation. <b>1982</b> , 25, 285-331	11
973	Modeling and analysis of communication and cooperation protocols using petri net based models. <b>1982</b> , 6, 419-441	52
972	Modeling Bus Contention and Memory Interference in a Multiprocessor System. <b>1983</b> , C-32, 60-72	40
971	Enumeration of all simple paths in a directed graph using Petri net: A systematic approach. <b>1983</b> , 23, 157-159	9
970	Theories, models, and human-machine systems. <b>1983</b> , 4, 567-587	1
969	A model of enforcement relationships among database access control dependencies. <b>1983</b> , 3, 201-217	3

968	Tools and techniques for the monitoring of interactive graphics dialogues. <b>1983</b> , 19, 163-180	4
96 <del>7</del>	Modelling digital circuits with delays by Stochastic Petri Nets. <b>1983</b> , 23, 1075-1086	1
966	Probabilistic delay evaluation in combinational digital circuits by petri nets. <b>1983</b> , 23, 541-553	O
965	A graph-theoretical analysis of metabolic regulation. <b>1983</b> , 100, 293-304	19
964	A method for stepwise refinement and abstraction of Petri nets. <b>1983</b> , 27, 51-76	183
963	Realization of asynchronous finite-state machines. 1983,	2
962	Infinitesimal perturbation analysis of discrete event dynamic systems: A general theory. 1983,	16
961	On Communicating Finite-State Machines. <b>1983</b> , 30, 323-342	890
960	A Causal Model for Analyzing Distributed Concurrency Control Algorithms. <b>1983</b> , SE-9, 470-486	5
959	Casting Petri Nets into Programs. <b>1983</b> , SE-9, 590-602	42
958	Timing Requirements for Time-Driven Systems Using Augmented Petri Nets. 1983, SE-9, 603-616	98
957	Formal Specification and Verification of Distributed Systems. <b>1983</b> , SE-9, 710-722	15
956	Computer Design Language - Version Munich (CDLM) A Modern Multi-Level Language. 1983,	4
955	Analogie, Analogrechner, parallele Prozesse. <b>1983</b> , 25,	
954	Model-Based Estimation and Prediction of Task-Imposed Mental Workload. <b>1983</b> , 27, 314-318	3
953	Development methodologies for event and message based application systems. <b>1982</b> , 28-55	
952	A Real Time Monitor, its Representation by Petri Nets and an Application. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1983</b> , 16, 485-489	
951	An architecture for object management in OIS. <b>1984</b> , 2, 173-196	26

950	Fault diagnosis of alignment networks using Petri nets. <b>1984</b> , 56, 365-370	1
949	Calculating the growth function of a developmental system in the case of asynchronous elementary operations. <b>1984</b> , 15, 1231-1246	1
948	A method for behavior modeling in data oriented approach to systems design. 1984,	
947	Entity-relationship behavior modeling in conceptual schema design. <b>1984</b> , 4, 135-145	1
946	Performance model of software systems using Petri nets. <b>1984</b> , 24, 391-393	0
945	A Matrix Formalism for Asynchronous Implementation of Algorithms. <b>1984</b> , C-33, 289-300	1
944	Systematic Design of Automation, Protection, and Control in Substations. <b>1984</b> , PAS-103, 2768-2774	8
943	Control Software Specification and Design: An Overview. <b>1984</b> , 17, 20-23	O
942	Nondeterminism can be causal. <b>1984</b> , 23, 929-940	3
941	State space representation of Petri nets. <b>1984</b> , 24, 865-868	1
941 940	State space representation of Petri nets. <b>1984</b> , 24, 865-868  A methodology for designing and modeling reconfigurable systems. <b>1984</b> , 13, 339-394	0
940	A methodology for designing and modeling reconfigurable systems. <b>1984</b> , 13, 339-394  A class of generalized stochastic Petri nets for the performance evaluation of multiprocessor	o
940	A methodology for designing and modeling reconfigurable systems. <b>1984</b> , 13, 339-394  A class of generalized stochastic Petri nets for the performance evaluation of multiprocessor systems. <b>1984</b> , 2, 93-122	o 778
940 939 938	A methodology for designing and modeling reconfigurable systems. 1984, 13, 339-394  A class of generalized stochastic Petri nets for the performance evaluation of multiprocessor systems. 1984, 2, 93-122  Conformance testing of software. 1984, 8, 5-12	o 778
940 939 938 937	A methodology for designing and modeling reconfigurable systems. 1984, 13, 339-394  A class of generalized stochastic Petri nets for the performance evaluation of multiprocessor systems. 1984, 2, 93-122  Conformance testing of software. 1984, 8, 5-12  A Concurrency Measure. 1984, SE-10, 804-810	o 778 1
940 939 938 937 936	A methodology for designing and modeling reconfigurable systems. 1984, 13, 339-394  A class of generalized stochastic Petri nets for the performance evaluation of multiprocessor systems. 1984, 2, 93-122  Conformance testing of software. 1984, 8, 5-12  A Concurrency Measure. 1984, SE-10, 804-810  Formgraphics: A Form-Based Graphics Architecture Providing a Database Workbench. 1984, 4, 38-56  What to Expect From Improved Control of Batch Processes. IFAC Postprint Volumes IPPV /	o 778 1

Design and Verification of Sequence Control Systems with Timed Petri Nets. IFAC Postprint Volumes 932 IPPV / International Federation of Automatic Control, 1985, 18, 277-282 Program verification for microprocessors through Petri net modeling. 1985, 25, 1001-1010 931 On a fast decomposition method in some models of concurrent computations. 1985, 39, 107-121 930 Discrete Time Stochastic Petri Nets. 1985, SE-11, 417-423 929 81 Modeling the Ada task system by Petri nets. 1985, 10, 43-61 928 45 Decision support in computer-integrated manufacturing. 1985, 1, 37-55 927 23 926 Gradually intractable problems and nondeterministic log-space lower bounds. 1985, 18, 153-170 11 Structure matrices for petri nets and their applications. 1985, 319, 299-309 925 5 Generalized M-Timed Petri Nets And Performance Evaluation Of Computer Systems. 1985, 23, 344-362 924 Simulation nets, a simulation modeling and validation tool. 1985, 45, 71-75 923 13 A Descriptive Graph Model For Parallel Computation. 922 Petri net representation of decision models. 1985, SMC-15, 812-818 921 43 Digraph Matrix Analysis. 1985, R-34, 437-446 920 19 An informal overview of formal protocol specification. 1985, 23, 46-52 919 17 Representation of activity knowledge for project management. 1985, 7, 531-52 918 59 A Facility for Simulating Multiprocessors. 1986, 6, 32-44 917 9 Real-time performance evaluation of Local Area Networks used in automated manufacturing 916 systems. Applications of petri net based models in the modelling and analysis of flexible manufacturing 37 systems.

914	Petri nets and algebraic calculi of processes. <b>1986</b> , 41-58		3
913	An Automated Software Design Methodology Using CAPO. <b>1986</b> , 3, 71-100		9
912	A petri net reduction algorithm for protocol analysis. <b>1986</b> , 16, 157-166		3
911	Computer science: A challenge to mathematics, or vice-versa?. <b>1986</b> , 17, 535-547		
910	On the invariants of coloured Petri Nets. <b>1985</b> , 330-345		12
909	On the formal specification and verification of CIM architectures using LOTOS. <b>1986</b> , 7, 491-504		25
908	Using Petri nets for performance analysis of two-terminal parallel-series communication networks. <b>1986</b> , 26, 703-714		
907	The Automatic Crane as a Material Transportation System in FMS. <b>1986</b> , 35, 297-300		
906	Determinacy problem in relaxation method-analysis of asynchronous parallel processing. <b>1986</b> , 17, 85-94		
905	Concurrent and maximally concurrent evolution of nonsequential systems. <b>1986</b> , 43, 213-238		33
904	A comparison of concurrent languages: a class project. <b>1987</b> , 19, 62-66		1
903	Conversion from data-driven to synchronous execution in loop programs. <i>ACM Transactions on Programming Languages and Systems</i> , <b>1987</b> , 9, 599-617	.6	4
902	Tools for protocols driven by formal specifications. <b>1987</b> , 127-152		1
901	Infinitesimal perturbation analysis for general discrete event systems. <b>1987</b> , 34, 686-717		78
900	Different perspectives on information systems: problems and solutions. <i>ACM Computing Surveys</i> , <b>1987</b> , 19, 5-46	3.4	143
899	Risk Decision making with Heuristic Procedures. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1987</b> , 20, 309-313		
898	Towards a unified view of system development methods. <b>1987</b> , 7, 205-218		6
897	Synchronous data flow. <b>1987</b> , 75, 1235-1245		1069

896	Pipeline interleaved programmable DSP's: Synchronous data flow programming. 1987, 35, 1334-1345	17
895	A Petri Net Control Unit for High-Speed Modular Signal Processors. <b>1987</b> , 35, 577-583	5
894	Working in the Garden Environment for Conceptual Programming. <b>1987</b> , 4, 16-27	44
893	Reachability analysis -based validation of embedded systems. <b>1987</b> , 21, 393-403	6
892	An approach to fault-tolerant allocation of concurrent communicating processes in multiprocessor architectures and hardware dimensioning. <b>1987</b> , 21, 339-346	1
891	About fault-tolerant allocation of tasks in multiprocessor architectures and system dimensioning. <b>1987</b> , 19, 335-349	2
890	Randomized formal systems for specifying discrete stochastic models. <b>1987</b> , 9, 643-650	
889	On conceptual model specification and verification. <b>1987</b> , 2, 35-50	
888	Static Scheduling of Synchronous Data Flow Programs for Digital Signal Processing. <b>1987</b> , C-36, 24-35	716
887	Maximum-weight markings in marked graphs: Algorithms and interpretations based on the simplex method. <b>1987</b> , 34, 1535-1545	4
886	Binary Petri-net relationships. <b>1987</b> , 34, 565-568	8
885	Generalized Petri Net Reduction Method. <b>1987</b> , 17, 297-303	55
885	Generalized Petri Net Reduction Method. <b>1987</b> , 17, 297-303 . <b>1988</b> , 35, 25-30	55 2
884	. <b>1988</b> , 35, 25-30	2
884	. <b>1988</b> , 35, 25-30 . <b>1988</b> , 37, 469-474	2 48
884 883 882	. 1988, 35, 25-30 . 1988, 37, 469-474 . 1988, 35, 89-100  ASTOR - An architecture of special purpose processing units with distributed control and message	2 48 4

878	A module-based assembly language with parallel processing constructs and its implementation in the ASTOR architecture. <b>1988</b> , 23, 215-219	4
877	Integrated graphical approach to knowledge representation and acquisition. 1988, 1, 301-309	2
876	Accident sequence dynamic simulation versus event trees. 1988, 22, 3-25	31
875	Invariant-preserving Petri net reduction and conditions for invariant-existence. 1988, 14, 75-91	4
874	Fault and robust detection of error of a system with intermittent faults. 1988, 71, 46-51	2
873		2
872	. <b>1988</b> , 37, 1251-1268	73
871	A comparison of techniques for the specification of external system behavior. <b>1988</b> , 31, 1098-1115	98
870	Survey of software tools for evaluating reliability, availability, and serviceability. <i>ACM Computing Surveys</i> , <b>1988</b> , 20, 227-269	111
869		9
868	. <b>1988</b> , 33, 138-149	59
867		1
866		1
865		
864		
863	. <b>1988</b> , 14, 280-290	19
862	. <b>1988</b> , 14, 481-497	67
861	. <b>1988</b> , 14, 1656-1667	8

860			
859	Constrained expressions: toward broad applicability of analysis methods for distributed software systems. <i>ACM Transactions on Programming Languages and Systems</i> , <b>1988</b> , 10, 374-402	1.6	16
858	Adding browsing semantics to the hypertext model. 1988,		13
857	Information System Verification and Validation during Requirement Analysis Using Petri Nets. <b>1988</b> , 5, 33-52		8
856	A Contemporary Approach to Logic Systems Design and its Applications for Implementing Hardwired and Programmed Controllers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1988</b> , 21, 27-32		
855	Intelligent Machines: Distributed vs. Hierarchical Intelligence. <i>IFAC Postprint Volumes IPPV /</i> International Federation of Automatic Control, <b>1988</b> , 21, 29-34		3
854	AMS: a knowledge-based approach to task representation, organization and coordination. <b>1988</b> , 9, 78-87		
853	Functional design of an integrated CIM system at the facility level. 1988, 1, 245-252		2
852			
851			3
850			
849			
848			2
847	Real time data network performance evaluation using concurrent finite state machines.		
846	Debugging concurrent programs. ACM Computing Surveys, <b>1989</b> , 21, 593-622	13.4	214
845	. <b>1989</b> , 77, 541-580		5599
844	Throughput calculation for basic stochastic rendezvous networks. <b>1989</b> , 9, 143-160		68
843	Dynamic reliability as an alternative to overall data base restoration. <b>1989</b> , 16, 27-38		1

842	Meristems, metamers and modules and the development of shoot and root systems. <b>1989</b> , 100, 255-279	51
841	. <b>1989</b> , 36, 1534-1539	2
840	. <b>1989</b> , 38, 518-526	11
839	Stochastic Petri net modeling of wave sequences in cardiac arrhythmias. <b>1989</b> , 22, 136-59	8
838	Petri-net modeling of the HERMES multiprocessor vision system. <b>1989</b> , 12, 127-146	
837	an approach to formal specification and analysis for time performance of the concurrent real time system (RTEXS). <b>1989</b> , 12, 347-354	1
836	. <b>1989</b> , 8, 1185-1205	93
835	. <b>1989</b> , 38, 696-704	40
834	·	18
833	A Formal Model for Software Project Management. <b>1989</b> , 15, 1280-1293	36
832	. <b>1989</b> , 15, 809-820	47
831	. <b>1989</b> , 15, 1471-1480	7
830	. <b>1989</b> , 9, 40-46	6
829		
828	On The Revised Theory Of Intelligent Machines.	1
827		
826	A knowledge-based software environment (KBSE) for designing concurrent processes. <b>1989</b> , 1, 161-185	1
825		2

824	•	О
823		
822	A Software Production Methodology for Process Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1989</b> , 22, 235-240	
821	Bibliography. <b>1989</b> , 128, 528-573	
820	. <b>1990</b> , 23, 8-22	332
819	. <b>1990</b> , 20, 33-44	3
818	. <b>1990</b> , 20, 94-110	66
817	Architecture for distributed multimedia database systems. <b>1990</b> , 13, 217-231	39
816	Cellular manufacturing systems modeling: The Petri net approach. <b>1990</b> , 9, 45-54	34
815	A software process data model for knowledge engineering in information systems. <b>1990</b> , 15, 85-116	39
815 814	A software process data model for knowledge engineering in information systems. <b>1990</b> , 15, 85-116  Automatic software test generation. <b>1990</b> , 32, 337-346	39 8
814	Automatic software test generation. <b>1990</b> , 32, 337-346	
814	Automatic software test generation. <b>1990</b> , 32, 337-346  Formal specifications of resource-deadlock prone petri nets. <b>1990</b> , 11, 53-69	8
814 813 812	Automatic software test generation. <b>1990</b> , 32, 337-346  Formal specifications of resource-deadlock prone petri nets. <b>1990</b> , 11, 53-69  Petri nets in logic. <b>1990</b> , 30, 193-198  Deadlocks and traps in Petri nets as Horn-satisfiability solutions and some related polynomially	1
814 813 812	Automatic software test generation. <b>1990</b> , 32, 337-346  Formal specifications of resource-deadlock prone petri nets. <b>1990</b> , 11, 53-69  Petri nets in logic. <b>1990</b> , 30, 193-198  Deadlocks and traps in Petri nets as Horn-satisfiability solutions and some related polynomially	1 14
814 813 812 811	Automatic software test generation. <b>1990</b> , 32, 337-346  Formal specifications of resource-deadlock prone petri nets. <b>1990</b> , 11, 53-69  Petri nets in logic. <b>1990</b> , 30, 193-198  Deadlocks and traps in Petri nets as Horn-satisfiability solutions and some related polynomially	1 14

806	•	32
805	Project 477: pilot implementation of a production activity control (PAC) system in an electronics assembly environment. <b>1990</b> , 3, 196-205	8
804	•	
803	. <b>1990</b> , 2, 295-310	36
802		
801	Modelling and simulation of combinational digital circuits using Petri nets. <b>1990</b> , 21, 1503-1513	O
800	Syntactic modeling and simulation. <b>1990</b> , 54, 281-286	4
799		
798	. 1990,	1
797		3
796		4
795		
794		
793		8
792		4
791		
790		12
789		7

788		1
787		4
786	. <b>1990</b> , 39, 628-639	14
785	. <b>1990</b> , 8, 413-427	270
784	. <b>1990</b> , 8, 1649-1657	64
783	. <b>1990</b> , 16, 51-63	12
782	. <b>1990</b> , 16, 829-843	19
781	. <b>1990</b> , 16, 1273-1281	36
780	. <b>1991</b> , 17, 1109-1125	6
779		1
778	Computer-based reduction technique for Petri nets. <b>1991</b> , 22, 49-59	1
777	. <b>1991</b> , 11, 102-106	2
776	•	
775		7
774	. <b>1991</b> , 40, 1239-1251	13
773	Using the Petri net as a software design tool - A demonstration of how Petri nets were used in the development of a link assurance protocol. <b>1991</b> ,	
77²	Auditing as Pattern Recognition: Automated Analysis of Documentary Procedures. 1991,	2
771	An object-based approach to the specification of office entities. <b>1991</b> , 256-263	

770 Unification of underlying concepts in different office models. **1991**, 22, 38-45

769	Multi-level specification and protocol design for distributed multimedia communication. <b>1991</b> , 12, 255-268	1
768	Generic Petri net models of protocol mechanisms in communication systems. <b>1991</b> , 14, 143-156	6
767	Knowledge-based approach to Petri nets analysis. <b>1991</b> , 4, 144-156	1
766	Structured analysis technique and technology in control systems design. <b>1991</b> , 33, 309-316	
765	Modeling and evaluation of alternatives in information systems. <b>1991</b> , 16, 537-558	3
764	Design transformation and abstract design prototyping. <b>1991</b> , 33, 707-719	5
763	Resolution of multiple conflicts in the Petri-net model of FAS. <b>1991</b> , 4, 253-262	3
762	A hands-on dataflow architecture/programming course. <b>1991</b> , 23, 29-32	
761	On Flows in Stochastic Marked Graphs. <b>1991</b> , 5, 145-157	1
760	•	0
759	A survey of software functional testing methods. <b>1991</b> , 16, 75-82	4
758	•	2
757		
756		2
755		
754	. <b>1991</b> , 3, 504-524	17
753		1

752 A fast fault simulator for sequential logic circuits.

751	. 1992,	
750	ECOS graphs: a dataflow programming language. <b>1992</b> ,	О
749	Turnable formalism in object-oriented systems analysis. <b>1992</b> ,	10
748	Celeritas: a coloured Petri net approach to simulation and control of flexible manufacturing systems. <b>1992</b> , 30, 1925-1956	18
747		2
746	. 1992,	
745	System approach to a generic software specification for flexible manufacturing system job flow management. <b>1992</b> , 23, 1889-1902	3
744	A method for reasoning about deductive conceptual models of information systems. <b>1992</b> , 612-631	6
743	Turnable formalism in object-oriented systems analysis. <b>1992</b> , 27, 452-465	4
742	Foundations for the study of software architecture. <b>1992</b> , 17, 40-52	995
741		O
740	A Petri-net-based state-transition model for an optimal operator cyclic walking pattern development in GT cells. <b>1992</b> , 30, 2381-2399	3
739	Structural testing of concurrent programs. <b>1992</b> , 18, 206-215	130
738	. <b>1992</b> , 11, 1426-1438	13
737	. <b>1992</b> , 80, 765-778	19
736	Overview of PVC-M. <b>1992</b> , 34, 383-388	
735	Modelling distributed and parallel computer systems. <b>1992</b> , 18, 793-806	1

734	Diagnosis and correction of office system communication. <b>1992</b> , 8, 229-253	1
733	An architecture for a shop-floor controller using colored Petri nets. <b>1992</b> , 4, 159-181	19
732	. <b>1992</b> , 41, 352-362	6
731	A Petri-Net based approach for verifying the integrity of production systems. <b>1992</b> , 36, 447-468	43
730	Neural networks and adaptive expert systems in the CSA approach. <b>1993</b> , 8, 569-602	4
729	Dynamic sequencing of robot moves in a manufacturing cell. <b>1993</b> , 69, 482-497	9
728	Modeling paradigms for discrete event simulation. <b>1993</b> , 13, 265-275	18
727	Knowledge-based approach to structural integrity verification in requirements analysis and logical system specification. <b>1993</b> , 6, 165-173	
726	Petri Net modelling and reliability evaluation of distributed processing systems. 1993, 41, 167-176	28
725	Analytical verification of information system requirements using petri net properties. <b>1993</b> , 35, 89-100	2
724	. <b>1993</b> , 23, 301-312	65
723	. <b>1993</b> , 23, 872-875	6
722	. <b>1993</b> , 5, 402-415	50
721		34
720	REFLEX active database model: Application of petri-nets. <b>1993</b> , 233-240	5
719	Use of Petri Nets for System Reliability Evaluation. <b>1993</b> , 339-368	2
718	•	O
717	Mensch-Maschine-Systeme. <b>1993</b> ,	65

716	AMS formalism. <b>1994</b> , 25, 25-38		1
715			
714	. <b>1994</b> , 6, 639-643		5
713	Functional Analysis Using Partitioned Engineering Data Flow Model. <b>1994</b> , 8, 2-19		3
712	. <b>1994</b> , 5, 886-891		2
711	Transforming Petri Nets into Event Graph models.		7
710	•		5
709			3
708	A matrix editor for a metaCASE environment. <b>1994</b> , 36, 361-371		10
707	PM-Net: a software project management representation model. <b>1994</b> , 36, 295-308		1
706	Interface design and controller synthesis of digital systems in an object oriented environment. <b>1994</b> , 40, 553-576		
7°5	Extended Petri net-based modeling, analysis and simulation of an intelligent materials handling system. <b>1994</b> , 10, 79-108		7
704	Linear programming for hazard elimination in asynchronous circuits. <b>1994</b> , 7, 137-160		3
703	A rule-based system for generating a ladder logic control program from a high-level systems model. <b>1994</b> , 5, 103-120		35
702	Review of graphical notations for specifying direct manipulation interfaces. <b>1994</b> , 6, 411-431		6
701	. <b>1994</b> , 24, 1483-1497		15
700	The interdisciplinary study of coordination. <i>ACM Computing Surveys</i> , <b>1994</b> , 26, 87-119	3.4	1747
699	A Formal Semantics of Data Flow Diagrams. <b>1994</b> , 6, 586-606		20

698	Hierarchical abilities of diagrammatic representations of discrete event simulation models.	8
697	. <b>1994</b> , 41, 236-238	
696	•	1
695		1
694	•	
693	Behavior consistent extension of object life cycles. <b>1995</b> , 133-145	10
692	The Adequacy of Office Models. <b>1995</b> , 181-253	1
691	Lean Cuisine+: an executable graphical notation for describing direct manipulation interfaces. <b>1995</b> , 7, 49-71	6
690	Directed Moore hypergraphs. <b>1995</b> , 63, 117-127	2
689	Object model for hypermedia applications. <b>1995</b> , 18, 475-485	1
688	DX: A Deontic Expert System. <b>1995</b> , 12, 145-169	10
687	Simulation modeling within workflow technology.	1
686	OBSERVER A CONCEPT FOR ON-LINE DETECTION OF CONTROL ERRORS IN CONCURRENT SYSTEMS.	12
685	Executable specifications for distributed software systems.	
684	Specification and verification of cache coherence protocols using Petri nets. <b>1995</b> , 78, 841-854	
683		1
682	Simulation modeling within workflow technology. 1995,	6
681	Hardware design of a real-time Petri net model for real-time tasks. <b>1995</b> , 18, 481-492	2

## (1996-1995)

680	. <b>1995</b> , 14, 61-86	15
679	Using Stochastic Petri Nets for Real-Time Nth-Order Stochastic Composition. <b>1995</b> , 19, 13	3
678	. <b>1995</b> , 11, 748-753	19
677		2
676	Subdocument invocation semantics in collaborative hyperdocuments.	
675	. 1995,	2
674	Using a formal language to support natural language in accident reports. <b>1995</b> , 38, 1264-1282	23
673	A unified signal transition graph model for asynchronous control circuit synthesis. <b>1996</b> , 9, 139-188	8
672	·	
671	System design using an integrated specification and performance modeling methodology.	
670	PSM: an object-oriented synthesis approach to multiprocessor system design. <b>1996</b> , 4, 83-97	8
669	Constraint oriented temporal logic specification. <b>1996</b> , 161-182	1
668	A paradigm for engineering business process and its information system.	
667	Collaborative hyperdocuments and prototyping groupware. <b>1996</b> , 29, 91-104	1
666	Stochastic Petri nets for the reliability analysis of communication network applications with alternate-routing. <b>1996</b> , 52, 243-259	19
665	A formal semantics for an active functional DBPL. <b>1996,</b> 7, 151-172	5
664	Application of simulation and Petri net modelling in manufacturing control systems. <b>1996</b> , 34, 191-207	3
663	First-class synchronization barriers. <b>1996</b> , 31, 157-168	1

662	Improving the accuracy of Petri net-based analysis of concurrent programs. <b>1996</b> , 21, 24-38	3
661	Computational issues for accessibility in discrete event simulation. <b>1996</b> , 6, 53-75	14
660	Utilization of disk drives for RAID.	
659	Scientific workflow management in a distributed production environment.	
658	Capture, integration, and analysis of digital system requirements with conceptual graphs. <b>1997</b> , 9, 8-23	13
657	Safe State Analysis of Real-Time Control Applications. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1997</b> , 30, 149-154	
656	Version management in a distributed workflow application.	2
655	Object databases in a distributed scientific workflow application.	2
654	The complexity of rapid learning in discrete event simulation. <b>1997</b> , 29, 783-790	2
653	Distributed multimedia systems. <b>1997</b> , 85, 1063-1108	35
652	A formal basis for architectural connection. <b>1997</b> , 6, 213-249	701
651	A unified approach to interconnection networks: Models, algorithms and analysis. <b>1997</b> , 23, 135-150	O
650	Performance Modeling of System Architectures. <b>1997</b> , 15, 97-109	2
649	Elements underlying the specification of requirements. <b>1997</b> , 3, 63-100	11
648	Formal methods for telecommunication system requirements: A survey of standardized languages. <b>1997</b> , 3, 157-187	5
647		
<del></del>	Distributed multimedia synchronization specifications using M2EST. <b>1997</b> , 39, 561-578	
646	Logic-based representation and reasoning about knowledge of constrained resources. <b>1997</b> , 10, 71-80	

644	Workflow management in the assembly of CMS ECAL. <b>1998</b> , 110, 170-176	0
643	A Framework for Describing Visual Interfaces to Databases. <b>1998</b> , 9, 429-456	9
642	Deadlock prevention using Petri nets and their unfoldings. <b>1998</b> , 14, 750-759	11
641	Availability modeling of energy management systems. <b>1998</b> , 38, 727-743	4
640	A uniform approach to true-concurrency and interleaving semantics for Petri nets. <b>1998</b> , 206, 219-256	18
639	Constructing petri net models using genetic search. <b>1998</b> , 27, 85-103	3
638	Automated construction of GSPN models for flexible manufacturing systems. 1998, 37, 17-25	12
637	Identifying state coding conflicts in asynchronous system specifications using Petri net unfoldings.	1
636	Hardware-software codesign of embedded systems.	4
635	Dynamic scheduling of elevator systems over hybrid Petri net/rule modeling.	
634	An object model for product and workflow data management.	7
633	AND/OR net representation for robotic task sequence planning. <b>1998</b> , 28, 204-218	26
632	System specification reengineering using the SpecView tool.	
631	Basic linear algebraic techniques for place/transition nets. <b>1998</b> , 257-308	8
630	Formal modeling and analysis of the HLA component integration standard. 1998,	16
629	Temporal synchronization models for multimedia data. <b>1998</b> , 10, 612-631	32
628	Event-based detection of concurrency. <b>1998</b> ,	55
627	Asynchronous multimedia presentation design machine.	

626	Performance analysis of distributed real-time databases.	1
625	Workflow and Process Automation. 1998,	45
624	On place invariant sets and the rank of the incidence matrix of Petri nets.	
623	A Petri net based visual programming language.	3
622	An Object Language with States: SOL. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1998</b> , 31, 47-52	
621	Formal modeling and analysis of the HLA component integration standard. <b>1998</b> , 23, 70-79	3
620	Observation consistent integration of views of object life-cycles. <b>1998</b> , 32-48	6
619	Complexity of Simulation Models: A Graph Theoretic Approach. <b>1998</b> , 10, 94-106	5
618	Failure Mode & amp; Effects Analysis in Software Development. 1998,	2
617	Formal semantics for SA style data flow diagram specification languages. <b>1999</b> ,	4
616	Tools for Inventing Organizations: Toward a Handbook of Organizational Processes. <b>1999</b> , 45, 425-443	383
615	An approach for video meta-data modeling and query processing. <b>1999</b> ,	4
614	INTEGRATING EXECUTION DEPENDENCIES INTO THE TRANSACTION CLOSURE FRAMEWORK. <b>1999</b> , 08, 111-138	3
613	PETRI NETS AS A TOOL FOR MINE SIMULATION. <b>1999</b> , 08, 361-380	4
612	Performance analysis of distributed real-time databases. <b>1999</b> , 35, 145-169	3
611	Optimising the flow of information within a C3I network. <b>1999</b> , 30, 225-243	1
610	Petri nets. <b>1999</b> , 4, 44-52	1
609	A scalable re-configurable processor.	

608 .

607	Logic decomposition of speed-independent circuits. <b>1999</b> , 87, 347-362	10
007	Logic accomposition of speed independent circuits. 1999, 67, 5 17 502	10
606	A net practice for software project management. <b>1999</b> , 16, 80-89	17
605	Asynchronous Circuits. <b>1999</b> ,	3
604	Design of petri net controllers to exclude forbidden states in manufacturing systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 379-384	1
603	Outcomes analysis for hearing conservation programs. <b>2000</b> , 9, 75-83	8
602	Self-instructive spreadsheets: an environment for automatic knowledge acquisition and tutor generation. <b>2000</b> , 52, 775-803	7
601	A brief survey and synthesis of the roles of time in petri nets. <b>2000</b> , 31, 55-68	51
600	A re-configurable processor for Petri net simulation.	
599	Translating UAN into CSP.	1
598	Relational Petri nets with start/stop place.	
597	Java-prototyping of hardware/software CBS using a behavioral OO model.	2
596	A framework for multi-notation requirements specification and analysis.	5
595	Static analysis and dynamic steering of time-dependent systems. <b>2001</b> , 27, 728-748	74
594	Workflow and process synchronization with interaction expressions and graphs.	13
593	A graduate-level course on CBS design tool development.	
592		2
591	Extended timed petri nets for distributed multimedia presentation.	

 $590\,$  Using the floor control mechanism in distributed multimedia presentation system.

589	. 2001,	24
588	Bibliography. 337-354	
587	Monotone term decision lists. <b>2001</b> , 259, 549-575	3
586	View integration of behavior in object-oriented databases. <b>2001</b> , 36, 153-183	31
585	Improving the management of concurrent new product development using process modelling and analysis. <b>2001</b> , 31, 27-40	14
584	A spatio-temporal semantic model for multimedia database systems and multimedia information systems. <b>2001</b> , 13, 607-622	22
583	xADL: enabling architecture-centric tool integration with XML.	12
582	Behavior-consistent specialization of object life cycles. <b>2002</b> , 11, 92-148	79
581	. <b>2002</b> , 4, 215-234	10
580	Implementing a distributed lecture-on-demand multimedia presentation system.	O
579	. <b>2002</b> , 28, 321-339	4
578	Parallel pipelined image transformations. <b>2002</b> , 28, 279-310	
577	A Petri net approach to behavioural simulation of design artefacts with application to mechatronic design. <b>2003</b> , 14, 34-46	2
576	Visualizing graphical and textual formalisms. <b>2003</b> , 28, 753-768	1
575	DiMSim: a discrete-event simulator of metabolic networks. <b>2003</b> , 43, 1011-9	8
574	Understanding and comparing model-based specification notations.	3
573	Template semantics for model-based notations. <b>2003</b> , 29, 866-882	20

572	Modeling flexible real time systems with preemptive time Petri nets.	15
571		Ο
570	MQNA - Markovian queueing networks analyser.	2
569	A classification of concurrency failures in Java components.	11
568	E-services. 2003,	127
567	Modeling, Implementation and simulation of virtual factory based on colored timed Petri net.	1
566	Wanted: a national standard for early hearing detection and intervention outcomes data. 2003, 12, 23-30	5
565	A Real-Time Transaction Approach for Grid Services: A Model and Algorithms. <b>2004</b> , 57-64	1
564	Investigating ontologies for simulation modeling.	28
563	Computer Human Interaction. 2004,	2
562	Mutation-based exploration of a method for verifying concurrent Java components.	9
561		
	Vegetation change associated with land-use in tropical dry forest areas of Western Mexico. <b>2004</b> , 104, 475-481	83
560		83
	104, 475-481	
560	A functional model of supply chains and waste. <b>2004</b> , 89, 165-174  Object-oriented conceptual modeling for commitment-based collaboration management in virtual	46
560 559	A functional model of supply chains and waste. <b>2004</b> , 89, 165-174  Object-oriented conceptual modeling for commitment-based collaboration management in virtual enterprises. <b>2004</b> , 46, 209-217	46
560 559 558	A functional model of supply chains and waste. 2004, 89, 165-174  Object-oriented conceptual modeling for commitment-based collaboration management in virtual enterprises. 2004, 46, 209-217  Aspect-oriented design of sensor networks. 2004, 64, 853-865	46 11 9

554	Applying lean thinking to new product introduction. <b>2004</b> , 15, 1-31	121
553	Formal Methods for the Design of Real-Time Systems. <b>2004</b> ,	2
552	Timed state space analysis of real-time preemptive systems. <b>2004</b> , 30, 97-111	62
551	A data-centric approach to composing embedded, real-time software components. <b>2005</b> , 74, 25-34	12
550	Fault Detection in Distributed Automotive Electronic Systems Using Hierarchical Colored Bayesian Petri-Nets. <b>2005</b> ,	
549	Centralized and decentralized supervisory controller design to enforce boundedness, liveness, and reversibility in Petri nets. <b>2005</b> , 78, 537-553	8
548	Two-level assurance of QoS requirements for distributed real-time and embedded systems. 2005,	
547	Evolving petri nets to represent metabolic pathways. 2005,	8
546	References, Part 7. <b>2005</b> , 302-351	
545	Agent-Based Flow Control for HLA Components. <b>2005</b> , 81, 487-501	12
544	On the Generality of Event-Graph Models. <b>2005</b> , 17, 3-9	33
543	Early evaluation for performance enhancement in phased logic. <b>2005</b> , 24, 532-550	10
542	QoS-UniFrame: a Petri net-based modeling approach to assure QoS requirements of distributed real-time and embedded systems.	0
541	Structuring and composability issues in Petri nets modeling. <b>2005</b> , 1, 112-123	49
540	Model-based development of dynamically adaptive software. 2006,	210
539	Idioms for Composing Games with EToys. 2006,	1
538	Software Engineering Education in the Modern Age. 2006,	
537	A Strategy for Content Reusability with Product Lines Derived from Experience in Online Education. <b>2006</b> , 128-146	3

536	Modelling B2B Conversations with COOL for SemanticWeb Services. 2006,	1
535	Analytic webs support the synthesis of ecological data sets. <b>2006</b> , 87, 1345-58	32
534	Grid-Flow: a Grid-enabled scientific workflow system with a Petri-net-based interface. <b>2006</b> , 18, 1115-1140	31
533	GAUGE: Grid Automation and Generative Environment. <b>2006</b> , 18, 1293-1316	7
532	Distributed Event-Based Systems. <b>2006</b> ,	5
531	Functional verification of task partitioning for multiprocessor embedded systems. <b>2007</b> , 12, 44	8
530	. 2007,	11
529	Implementing Timed Petri Net in Security Information Systems. 2007,	O
528	SIP for Mobile Networks and Security Model. <b>2007</b> ,	4
527	Methodologies for the Probabilistic Risk Assessment of Digital Reactor Protection and Control Systems. <b>2007</b> , 159, 167-191	12
526	A transactional grid workflow service for ShanghaiGrid. <b>2007</b> , 3, 424	1
525	An efficient support management tool for distributed data mining environments. 2007,	2
524	Surveying security analysis techniques in manet routing protocols. <b>2007</b> , 9, 70-84	29
523	Knowledge Map: Toward a New Approach Supporting the Knowledge Management in Distributed Data Mining. <b>2007</b> ,	13
522	Generalized Net Model for Outpatient Care in Bulgaria. 2007,	2
521	A Multi-Criteria Web Services Composition Problem. 2007,	5
520	Enterprise Interoperability II. 2007,	4
519	A method for verifying concurrent Java components based on an analysis of concurrency failures. <b>2007</b> , 19, 281-294	12

518	Product lines for digital information products. <b>2007</b> , 32, 909-939	13
517	A method to test concurrent systems using architectural specification. <i>Journal of Supercomputing</i> , <b>2.</b> 9 <b>2.9 2</b>	5 7
516	Model replication: transformations to address model scalability. <b>2008</b> , 38, 1475-1497	4
515	MARS: A metamodel recovery system using grammar inference. <b>2008</b> , 50, 948-968	36
514	Interdisciplinary Aspects of Information Systems Studies. 2008,	4
513	Face and Hands Detection and Tracking Applied to the Monitoring of Medication Intake. 2008,	7
512	. 2008,	
511	Visual programming language for bit-level concurrent programming: APECbits. 2008,	
510	Modeling and analysis of a web-based collaborative enterprise using Petri nets. 2008,	
509	A New Framework for Plot-Based Interactive Storytelling Generation. 2008,	1
508	Experiences in engineering active replication into a traditional three-tiered client-server system. <b>2008</b> ,	1
507	Towards Context-Aware Workflow Management for Ubiquitous Computing. 2008,	24
506	The LHCb high level trigger infrastructure. <b>2008</b> , 119, 022023	5
505	A Location-Aware Access Control Model for Mobile Workflow Systems. <b>2009</b> , 4, 50-66	3
504	Case Study on Modeling Approaches and Framework of Scientific Data Cleaning. 2009,	О
503	Easy Approach to Requirements Syntax (EARS). <b>2009</b> ,	112
502	MARS: Metamodel Recovery from Multi-tiered Models Using Grammar Inference. 2009,	1
501	AN OBJECT-ORIENTED DEVELOPMENT METHOD FOR CONSUMER SUPPORT SYSTEMS. <b>2009</b> , 19, 933-960	10

## (2010-2009)

500	On Language-Independent Model Modularisation. <b>2009</b> , 39-82	25
499	Comparison of Petri Net and Finite State Machine Discrete Event Control of Distributed Surveillance Network. <b>2009</b> , 5, 480-501	5
498	Exploiting the power of relational databases for efficient stream processing. 2009,	29
497	Transactions on Aspect-Oriented Software Development VI. 2009,	3
496	B2 model: A browsing behavior model based on High-Level Petri Nets to generate behavioral patterns for e-learning. <b>2009</b> , 36, 12423-12440	9
495	Processing dynamic scenarios from a reliability analysis of a nuclear power plant digital instrumentation and control system. <b>2009</b> , 36, 1386-1399	39
494	Entertainment Computing - ICEC 2008. <b>2009</b> ,	
493	Dynamic Relational Behaviour for Large-Scale Systems. <b>2009</b> ,	2
492	The Modeling and Verification of Peer-to-Peer Negotiating Multiagent Colored Petri Nets for Wide-Area Backup Protection. <b>2009</b> , 24, 61-72	14
491	Critical Infrastructure Protection II. International Federation for Information Processing, 2009,	2
490	INFERENCE PROCEDURES FOR FUZZY KNOWLEDGE REPRESENTATION SCHEME. <b>2009</b> , 23, 16-43	8
489	Software Methodologies for the Engineering of Service-Oriented Industrial Automation: The Continuum Project. <b>2009</b> ,	20
488	Examining metrics and methods for determining critical facility system effectiveness. 2010, 6, 211	6
487	Snazer: the simulations and networks analyzer. <b>2010</b> , 4, 1	98
486	Reduction rules for reset/inhibitor nets. <b>2010</b> , 76, 125-143	24
485	Applying learning behavioral Petri nets to the analysis of learning behavior in web-based learning environments. <b>2010</b> , 180, 995-1009	15
484	Using classification methods to label tasks in process mining. <b>2010</b> , 22, 497-517	2
483	Estimating the divisibility of complex biological networks by sparseness indices. <b>2010</b> , 11, 364-74	9

482	Activity Diagram Inspection on Requirements Specification. 2010,	4
481	A NEW PLOT/CHARACTER-BASED INTERACTIVE SYSTEM FOR STORY-BASED VIRTUAL REALITY APPLICATIONS. <b>2010</b> , 10, 113-133	2
480	Predicting Events for the Simulation of Hybrid Systems. <b>2010</b> ,	1
479	Intelligent control model for Checking data quality in hospital process management. 2010,	
478	Automated model grouping. 2010,	
477	Run time assurance of application-level requirements in wireless sensor networks. 2010,	17
476	Dual Mechatronic MPPT Controllers With PN and OPSO Control Algorithms for the Rotatable Solar Panel in PHEV System. <b>2010</b> , 57, 678-689	21
475	Trends in Applied Intelligent Systems. <b>2010</b> ,	
474	Metamodel Recovery from Multi-tiered Domains Using Extended MARS. 2010,	3
473	Software reliability estimation through black box and white box testing at prototype level. 2010,	7
472	Scenario-based anticipation for aided navigation. 2011,	3
471	Quantitative Evaluation of BFT Protocols. 2011,	2
470	The Basics and Applications of Service Modeling. 2011,	6
469	Research on E-learning Behavior Model Based on Petri Nets and XML. <b>2011</b> ,	
468	An Implementation of Petri Net Based on Graphical Programming Language. <b>2011</b> , 464, 327-331	1
467	Hybrid Artificial Intelligent Systems. <b>2011</b> ,	
466	DeMO: An Ontology for Discrete-event Modeling and Simulation. 2011, 87, 747-773	32
465	One step forward. ACM Computing Surveys, <b>2011</b> , 43, 1-36	13.4 12

464	Petri Net Modeling of Cyber-Physical Attacks on Smart Grid. <b>2011</b> , 2, 741-749	151
463	References. <b>2011</b> , 195-200	
462	Guided Procedural Modeling. <b>2011</b> , 30, 325-334	35
461	A Robust Neural Fuzzy Petri Net Controller For A Temperature Control System. <b>2011</b> , 5, 881-890	2
460	. <b>2011</b> , 60, 415-425	22
459	Inference-based procedural modeling of solids. <b>2011</b> , 43, 1391-1401	2
458	Monitoring of medication intake using a camera system. <b>2011</b> , 35, 377-89	10
457	Supporting agile software development through active documentation. <b>2011</b> , 16, 117-132	23
456	Linear time analysis of properties of conflict-free and general Petri nets. 2011, 412, 320-338	7
455	A taxonomy and survey on autonomic management of applications in grid computing environments. <b>2011</b> , 23, 1990-2019	31
454	Modeling process-related RBAC models with extended UML activity models. <b>2011</b> , 53, 456-483	75
453	The brave new world of design requirements. <b>2011</b> , 36, 992-1008	82
452	The extended activity cycle diagram and its generality. <b>2011</b> , 19, 785-800	7
451	Hit 'em where it hurts. <b>2011</b> ,	16
450	A Comprehensive Approach to Power Management in Embedded Systems. <b>2011</b> , 7, 807091	2
449	Knowledge flows and graphic knowledge representations. <b>2011</b> , 91-131	1
448	Computing Optimal Coverability Costs in Priced Timed Petri Nets. 2011,	6
447	Creative design of Mei-Nong electrical vehicle using STEM based concept and Petri-nets intelligent control. <b>2011</b> ,	

Design of Aircraft Circuit Modelling Based on Treble Transitions Petri Nets. **2011**, 403-408, 3819-3827

445	PLG: A Framework for the Generation of Business Process Models and Their Execution Logs.  Lecture Notes in Business Information Processing, <b>2011</b> , 214-219	0.6	33
444	Advances in Computing and Information Technology. 2011,		3
443	Formal Semantics and Implementation of BPMN 2.0 Inclusive Gateways. <b>2011</b> , 146-160		10
442	Behavioral interface specification languages. ACM Computing Surveys, 2012, 44, 1-58	13.4	66
441	MonetDB/DataCell. <b>2012</b> , 5, 1910-1913		9
440	Crisis Management experience based representation Road accident situations. 2012,		2
439	Behaviour Equivalence and Compatibility of Business Process Models with Complex Correspondences. <b>2012</b> , 55, 1398-1418		23
438	Modeling and Verification of Context-Aware Systems. 2012,		5
437	Multi-Layer Simulation Design and Validation for a Two-Tier Fault-Tolerant WDM LAN. <b>2012</b> , 4, 142		1
436	Join token: A language mechanism for programming interactive games. <b>2012</b> , 3, 19-25		1
435	A quantitative study of irregular programs on GPUs. 2012,		201
434	. 2012,		
433	A Formal Control Model for Risks Management within Software Projects. 2012,		
432	Scalable and flexible vision-based multi-robot tracking system. <b>2012</b> ,		4
431	Generalizability and Applicability of Model-Based Business Process Compliance-Checking Approaches [A State-of-the-Art Analysis and Research Roadmap. <b>2012</b> , 5, 221-247		58
430	Lees' Loss Prevention in the Process Industries - Pages 3129-3580. <b>2012</b> , 3129-3580		
429	Deadlock Control of Automated Manufacturing Systems Based on Petri Nets Literature Review. <b>2012</b> , 42, 437-462		202

428	Analysis of performance measures of flexible manufacturing system. <b>2012</b> , 24, 115-129	30
427	Information-Driven Framework for Collaborative Business Service Modelling. <b>2012</b> , 3, 1-18	9
426	Petri Nets. <b>2012</b> , 239-244	1
425	A graph grammar-based formal validation of object-process diagrams. <b>2012</b> , 11, 287-302	2
424	Perceived consistency between process models. <b>2012</b> , 37, 80-98	21
423	On the concept of survivability, with application to spacecraft and space-based networks. <b>2012</b> , 99, 123-138	21
422	Multi-modal scenarios revisited: A net-based representation. <b>2012</b> , 429, 118-127	2
421	Context-adaptive and energy-efficient mobile transaction management in pervasive environments.  Journal of Supercomputing, <b>2012</b> , 60, 62-86	1
420	Technological Innovation for the Internet of Things. 2013,	2
419	Extending the Contraposition Property of Propositional Logic for Fuzzy Abduction. <b>2013</b> , 21, 719-734	5
418	Synthesis of 3D models by Petri net. <b>2013</b> , 14, 521-529	O
417	Half a century after Carl Adam Petril Ph.D. thesis: A perspective on the field. 2013, 37, 191-219	41
416	Enhanced stream processing in a DBMS kernel. <b>2013</b> ,	8
415	Software Attack Modeling and Its Application. <b>2013</b> ,	
414	Method to Evaluate Software Protection Based on Attack Modeling. 2013,	О
413	Robot task learning from demonstration using Petri nets. <b>2013</b> ,	2
412	A Framework for the Analysis of Process Mining Algorithms. <b>2013</b> , 43, 303-317	19
411	Augmented Petri Net Cost Model for Optimisation of Large Bioinformatics Workflows Using Cloud. <b>2013</b> ,	2

410	Polynomial Sufficient Conditions of Well-Behavedness for Weighted Join-Free and Choice-Free Systems. <b>2013</b> ,	4
409	. 2013,	3
408	Using simple scenarios for wheelchair driving assistance. <b>2013</b> , 30, 255-269	
407	Optimization of preventive maintenance through a combined maintenance-production simulation model. <b>2013</b> , 143, 3-12	35
406	Scenario clustering and dynamic probabilistic risk assessment. <b>2013</b> , 115, 146-160	37
405	Scenario-Based Validation of Requirements for Context-Aware Adaptive Services. 2013,	4
404	Ad hoc reasoning in chained fuzzy systems realized with Diens-Rescher implication. 2013,	1
403	Robot task error recovery using Petri nets learned from demonstration. 2013,	6
402	Time and Petri Nets. 2013,	48
401	The Development and Evaluation of an Eyes-Free Interaction Model for Mobile Reading Devices. <b>2013</b> , 43, 76-91	10
400	Implementation of a subsumption based architecture using model-driven development. 2013,	3
399	Multi-core systems modeling for formal verification of parallel algorithms. 2013, 47, 51-65	5
398	The AltaRica 3.0 Project for Model-Based Safety Assessment. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 127-132	20
397	Supervision Patterns: Formal Diagnosability Checking by Petri Net Unfolding. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 73-78	7
396	Action Petri Net for Specifying Robot Motions. <b>2014</b> , 11, 1442004	2
395	Technological Innovation for Collective Awareness Systems. 2014,	1
394	Behavioural representation and simulation of design concepts for systematic conceptual design of mechatronic systems using Petri Nets. <b>2014</b> , 52, 563-583	7
393	Petri net modelling and analysis of mobile communication protocols UMTS, LTE, GPRS and MANET. <b>2014</b> ,	2

392	A Framework for Expressing and Enforcing Purpose-Based Privacy Policies. 2014, 17, 1-31	6
391	Emulation of Petri net controller with programmable logic controller in industrial process plant. <b>2014</b> ,	1
390	Retargetable automatic generation of compound instructions for CGRA based reconfigurable processor applications. <b>2014</b> ,	1
389	Output events for human-system interaction modeling. 2014,	1
388	Process Remaining Time Prediction Using Query Catalogs. <i>Lecture Notes in Business Information Processing</i> , <b>2014</b> , 54-65	6
387	A Petri Net Approach to Fault Verification in Phased Mission Systems using the Standard Deviation Technique. <b>2014</b> , 30, 83-95	7
386	Capturing green information and mapping with MES functions for increasing manufacturing sustainability. <b>2014</b> , 15, 1709-1716	6
385	Concurrency control generation for dynamic threads using discrete-event systems. <b>2014</b> , 82, 22-43	6
384	Supporting the collaborative decision-making process in an automotive supply chain with a multi-agent system. <b>2014</b> , 25, 662-678	19
383	Discriminability Analysis of Supervision Patterns by Net Unfoldings. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 459-464	1
382	Verification and Performance Evaluation of Parallel Pipelined Communications Using Petri Nets. <b>2014</b> ,	1
381	Modeling and reachability analysis of a class of Petri nets via semi-tensor product of matrices. 2015,	
380	Petri net modeling and simulation of pipelined redistributions for a deadlock-free system. <b>2015</b> , 2, 1057427	3
379	Event life time in detection of sequences of events. 2015,	
378	Generating CCS model from scenarios. <b>2015</b> ,	
377	Process-Aware Systems. <b>2015</b> ,	
376	Specifying and verifying real-time self-adaptive systems. <b>2015</b> ,	13
375	SPN as a tool for risk modeling of fires in process industries. <b>2015</b> , 34, 72-81	9

374	Incremental Learning of Daily Routines as Workflows in a Smart Home Environment. <b>2015</b> , 4, 1-23	14
373	A Calculus for Automatic Verification of Petri Nets Based on Resolution and Dynamic Logics. <b>2015</b> , 312, 125-141	4
372	A Collaborative Intrusion Detection Mechanism Against False Data Injection Attack in Advanced Metering Infrastructure. <b>2015</b> , 6, 2435-2443	96
371	Verification of distributed systems with the axiomatic system of MSVL. <b>2015</b> , 27, 103-131	8
370	Verdi: a framework for implementing and formally verifying distributed systems. 2015,	111
369	A Media-Rich Curriculum for Modeling and Simulation. <b>2015</b> ,	1
368	Model transformations for migrating legacy deployment models in the automotive industry. <b>2015</b> , 14, 365-381	5
367	Model transformation intents and their properties. <b>2016</b> , 15, 647-684	46
366	An approach to build cycle accurate full system VLIW simulation platform. <b>2016</b> , 67, 14-28	5
365	Model-Driven Design of Object and Component Systems. <b>2016</b> , 152-255	2
364	Engineering Trustworthy Software Systems. <b>2016</b> ,	1
363	Threat driven modeling framework using petri nets for e-learning system. <b>2016</b> , 5, 446	13
362	DNA Computing and Molecular Programming. <b>2016</b> ,	1
361	Pervasive Mobile Transactions. <b>2016</b> , 111-134	
360	Modeling and Vulnerable Points Analysis for E-commerce Transaction System with a Known Attack. <b>2016</b> , 422-436	2
359	An approach to analyzing adaptive intelligent vehicle system using SMT solver. <b>2016</b> ,	2
358	Scalable asynchronous execution of cellular automata. 2016,	1
357	Utilising bitemporal information for business process contingency management. 2016,	2

356	Process-aware web programming with Jolie. <b>2016</b> , 130, 69-96	7
355	Evaluation of the Energy Consumption and the Packet Loss in WSNs Using Deterministic Stochastic Petri Nets. <b>2016</b> ,	4
354	Minimal output unstable configurations in chemical reaction networks and deciders. 2016, 15, 235-244	2
353	Business process compliance checking hpplying and evaluating a generic pattern matching approach for conceptual models in the financial sector. <i>Information Systems Frontiers</i> , <b>2016</b> , 18, 359-405 <sup>4</sup>	23
352	A survey of siphons in Petri nets. <b>2016</b> , 363, 198-220	44
351	H-Switch Cover: a new test criterion to generate test case from finite state machines. <b>2017</b> , 25, 373-405	7
350	Diagnosability analysis of patterns on bounded labeled prioritized Petri nets. <b>2017</b> , 27, 143-180	8
349	Deadlock analysis and control based on Petri nets: A siphon approach review. <b>2017</b> , 9, 168781401769354	13
348	Validation of a SysML based design for wireless sensor networks. 2017,	1
347	A class of generalized Petri nets and its state equation. <b>2017</b> , 9, 168781401770035	1
346	A computational approach to extinction events in chemical reaction networks with discrete state spaces. <b>2017</b> , 294, 130-142	4
345	State-Space Models with Exponential Distributions. 303-304	
344	Petri Nets. 453-486	
343	Formal Model Based Safety Analysis Methods and the Application. <b>2017</b> , 259-287	
342	Model-Based Engineering of Supervisory Controllers for Cyber-Physical Systems. 2017, 111-136	1
341	Industrial Internet of Things. <b>2017</b> ,	130
340	Green IT Engineering: Concepts, Models, Complex Systems Architectures. 2017,	40
339	Cyber terrain mission mapping: Tools and methodologies. <b>2017</b> ,	Ο

338	Modeling, analysis and control of Discrete Event Systems: a Petri net perspective. <b>2017</b> , 50, 1772-1783	13
337	Support for Verifying Pervasive Behavior by Mapping Task Models to Petri Nets. 2017,	
336	Assessing collaboration from real computer supported collaborative learning sessions. 2017,	1
335	Decomposition of Petri nets based on the behavior relation matrix. 2017,	
334	Using Petri Nets to Verify Design Model: A Survey. <b>2017</b> ,	2
333	Hybrid Piecewise Affine Modeling of Cement Grinding Mechatronic Systems. 2017,	
332	. <b>2018</b> , 13, 1110-1122	28
331	An integrative approach to simulation model discovery: Combining system theory, process mining and fuzzy logic. <b>2018</b> , 34, 477-490	5
330	A Generalized Stochastic Petri Net model of route learning for emergency egress situations. <b>2018</b> , 72, 170-182	3
329	A Formal Framework for Specifying and Verifying Microservices Based Process Flows. <b>2018</b> , 187-202	8
328	Stochastic Petri net-based modelling of the durability of renderings. <b>2018</b> , 87, 96-105	15
327	Maintenance Planning of an Offshore Wind Turbine Using Stochastic Petri Nets With Predicates. <b>2018</b> , 140,	18
326	Zone-based formal specification and timing analysis of real-time self-adaptive systems. 2018, 159, 28-57	9
325	A self-navigating robot using Fuzzy Petri nets. <b>2018</b> , 101, 153-165	11
324	Democratic, existential, and consensus-based output conventions in stable computation by chemical reaction networks. <b>2018</b> , 17, 97-108	1
323	Efficient and scalable execution of smart city parallel applications. <b>2018</b> , 30, e4258	5
322	Detection of Dataflow Anomalies in Business Process An Overview of Modeling Approaches. 2018,	1
321	Towards Developing a Repository of Logical Errors Observed in Parallel Code for Teaching Code Correctness. <b>2018</b> ,	O

320	Timed pattern diagnosis in timed workflows: a model checking approach. 2018, 51, 94-99	1
319	Geoexpression: A Petri network framework for representing geographic process concurrency. <b>2018</b> , 22, 1390-1405	3
318	Transformation of Business Process Model and Notation models onto Petri nets and their analysis. <b>2018</b> , 10, 168781401880817	10
317	Evaluating practitioner cyber-security attack graph configuration preferences. 2018, 79, 117-131	5
316	Parallelization of space-aware applications: Modeling and performance analysis. <b>2018</b> , 122, 115-127	8
315	Formal Reasoning for Air Traffic Control System Using Event-B Method. <b>2018</b> , 241-252	3
314	A genetic algorithm enhanced automatic data flow management solution for facilitating data intensive applications in the cloud. <b>2018</b> , 30, e4844	О
313	Attack Modeling and Verification for Connected System Security. 2018,	1
312	Petri nets and Automatic Control: A historical perspective. <b>2018</b> , 45, 223-239	29
311	Modeling the escalation/de-escalation of response operation levels in disaster response networks using hierarchical Colored Petri Nets (CPN) approach. <b>2018</b> ,	1
310	Stochastic Petri-net models to predict the degradation of ceramic claddings. <b>2019</b> , 47, 697-715	7
309	Modeling, simulation and optimization of maintenance cost aspects on multi-unit systems by stochastic Petri nets with predicates. <b>2019</b> , 95, 461-478	11
308	Some complexity results for stateful network verification. <b>2019</b> , 54, 191-231	
307	Transformation-Based Approach to Security Verification for Cyber-Physical Systems. <b>2019</b> , 13, 3989-4000	5
306	Graph-Based Modeling, Scheduling, and Verification for Intersection Management of Intelligent Vehicles. <b>2019</b> , 18, 1-21	5
305	Modeling ACC with Cloud, Clouldlet for Autonomous Vehicle Platoon using Petri nets. 2019,	
304	Distributed Computation of Mobility Patterns in a Smart City Environment. 2019, 559-572	
303	Computing with chemical reaction networks: a tutorial. <b>2019</b> , 18, 119-137	7

302	Nested-unit Petri nets. <b>2019</b> , 104, 60-85	11
301	Model-based protocol specification. <b>2019</b> , 22, 188-210	2
300	Applications of Bayesian networks and Petri nets in safety, reliability, and risk assessments: A review. <b>2019</b> , 115, 154-175	107
299	A State-based Extension to STPA for Safety-Critical System-of-Systems. <b>2019</b> ,	1
298	ASGriDS: Asynchronous Smart-Grids Distributed Simulator. <b>2019</b> ,	
297	Early reliability assessment of component-based software system using colored petri net. <b>2019</b> , 27, 2681-2	<b>696</b> 3
296	A meta-model for software protections and reverse engineering attacks. <b>2019</b> , 150, 3-21	9
295	Stochastic maintenance models for ceramic claddings. <b>2020</b> , 16, 247-265	17
294	Modelling Circular Structures in Reaction Networks: Petri Nets and Reaction Network Flux Analysis. <b>2020</b> , 1843-1848	3
293	Computational implementation and formalism of FAIR data stewardship principles. <b>2020</b> , 54, 193-214	O
292	Static Analysis for Improved Modularity of Procedural Web Application Programming Interfaces. <i>IEEE Access</i> , <b>2020</b> , 8, 128182-128199	2
291	Optimization Problem for Heterogeneous Computing Systems. 2020,	O
290	On Modeling and Simulation of Resource Allocation Policies in Cloud Computing Using Colored Petri Nets. <b>2020</b> , 10, 5644	2
289	Represent The Discovered Proportional Information Control Net Using Extended XPDL Format. <b>2020</b> ,	
288	Method of Formal Verification of Program Code based on Petri Net with Additional Semantic Relations. <b>2020</b> ,	
287	Static Analysis and Stochastic Search for Reachability Problem. <b>2020</b> , 350, 139-158	O
286	Development of a Context-Aware Assistive System for Manual Repair Processes - A Combination of Probabilistic and Deterministic Approaches. <b>2020</b> , 51, 598-604	2
285	Adaptive caches as a defense mechanism against cache side-channel attacks. <b>2020</b> , 11, 239	O

## (2021-2020)

284	Impact of Improving Machines[Availability Using Stochastic Petri Nets on the Overall Equipment Effectiveness. <b>2020</b> ,		
283	Interdependent Healthcare Critical Infrastructure Analysis in a Spatiotemporal Environment: A Case Study. <b>2020</b> , 9, 387		O
282	Modeling and Analysis of CyberPhysical System Based on Object-Oriente Generalized Stochastic Petri Net. <b>2020</b> , 1-15		4
281	A review of attack graph and attack tree visual syntax in cyber security. <b>2020</b> , 35, 100219		29
280	Modeling the mechanism pathways of first line drug in Tuberculosis using Petri nets. <i>International Journal of Systems Assurance Engineering and Management</i> , <b>2020</b> , 11, 313-324	1.3	5
279	The impact of imperfect maintenance actions on the degradation of buildings Lenvelope components. <b>2021</b> , 33, 101571		13
278	Privacy-Preserving Behavioral Correctness Verification of Cross-Organizational Workflow With Task Synchronization Patterns. <b>2021</b> , 18, 1037-1048		13
277	Conflict vs causality in event structures. <b>2021</b> , 119, 100631		
276	Petri Net Modeling of Clinical Diagnosis Path in Tuberculosis. <b>2021</b> , 401-412		1
275	A two-level deterministic reasoning pattern to curb the spread of COVID-19 in Africa. <b>2021</b> , 565-581		O
274	A Survey of Compositional Signal Flow Theory. <b>2021</b> , 29-56		
273	Computer-Human Interaction in Music Composition Through Petri Nets. <b>2021</b> , 60-79		
272	Flexible OPC UA Data Load Optimizations on the Edge of Production. <i>Lecture Notes in Business Information Processing</i> , <b>2021</b> , 43-61	0.6	1
271	Classification of Biochemical Pathway Robustness with Neural Networks for Graphs. <b>2021</b> , 215-239		
270	Applications of Petri Net Modeling in Diverse Areas. <b>2021</b> , 437-449		1
269	Combining SysML with Petri Nets for the Design of an Urban Traffic Signal Control. <b>2021</b> , 115-126		
268	Process Modelling and Creating Predictive Models of Sensory Networks Using Fuzzy Petri Nets. <b>2021</b> , 185, 28-36		2
267	Theory of reaction automata: a survey. <b>2021</b> , 3, 63-85		1

266	Modelling of the Intelligent Agent Behavior Scheduler Based on Petri Nets and Ontological Approach. <b>2021</b> ,		О
265	Extending High-Level Synthesis for Task-Parallel Programs. <b>2021</b> , 2021,		4
264	EXPLORATION OF THE NOVEL CORONA VIRUS TRANSITION GRAPHS WITH PETRINET MODELING. <b>2021</b> , 33, 2150028		1
263	Macro modelling of traffic flow using continuous timed Petri nets. 1-21		O
262	The Role of Formalism in System Requirements. ACM Computing Surveys, 2021, 54, 1-36	13.4	2
261	Assured automatic dynamic reconfiguration of business processes. <b>2021</b> , 101850		1
260	Test case generation for agent-based models: A systematic literature review. <b>2021</b> , 135, 106567		3
259	Automated Conditional Statements Checking for Complete Natural Language Requirements Specification. <b>2021</b> , 11, 7892		O
258	Hypergraph Application on Business Process Performance. <b>2021</b> , 12, 370		1
257	Chemical data intelligence for sustainable chemistry. <b>2021</b> , 50, 12013-12036		5
256	A Service Science Perspective on Resilience of Service Organisations. <b>2021</b> , 38, 02002		O
255	A Static Analysis of Wnt/ECatenin and Wnt/Ca2+ Biological Regulatory Networks for ARVC Using Automata Network Model. <i>IEEE Access</i> , <b>2021</b> , 9, 107611-107624	3.5	
254	IPNES - Interpreted Petri Net for Embedded Systems. <b>2021</b> , 192, 2012-2021		1
253	Introduction to Formal Methods. <b>2006</b> , 25-64		4
252	Facts in place/transition-nets. 1978, 213-231		14
251	An algebraic approach to concurrence. <b>1979</b> , 523-532		5
250	The ESTEREL synchronous programming language and its mathematical semantics. <b>1985</b> , 389-448		74
249	Semantic considerations in the actor paradigm of concurrent computation. <b>1985</b> , 151-179		6

248	Task sequencing language for specifying distributed Ada systems TSL-1. <b>1987</b> , 444-463	12
247	Fine-grain parallel computing: The dataflow approach. <b>1987</b> , 82-152	2
246	Task sequencing language for specifying distributed Ada systems. 1987, 249-305	4
245	Rewriting Logic and Elan: Prototyping Tools for Petri Nets with Time. <b>2001</b> , 363-381	1
244	Formal modeling of the enterprise javabeans@component integration framework. <b>1999</b> , 1281-1300	5
243	Perspectives in Modeling: Simulation, Database, and Workflow. <b>1999</b> , 154-167	4
242	Formal methods for software engineers: Tradeoffs in curriculum design. <b>1992</b> , 131-142	3
241	Petri nets, hypergraphs and conflicts (preliminary version). <b>1993</b> , 293-309	3
240	Knowledge visualization from conceptual structures. <b>1994</b> , 275-292	3
239	Trace theoretic verification of asynchronous circuits using unfoldings. <b>1995</b> , 180-195	16
238	Modelling of hybrid systems based on extended coloured Petri nets. <b>1995</b> , 509-528	2
237	Behavior consistent refinement of object life cycles. <b>1997</b> , 155-168	10
236	Inheritance of Object Behavior © Consistent Extension of Object Life Cycles. 1995, 289-300	4
235	Synchronization and User Interaction in Distributed Multimedia Presentation Systems. <b>1996,</b> 251-277	3
234	Petri Nets and their Application an Introduction. <b>1984</b> , 351-368	8
233	Output Stability and Semilinear Sets in Chemical Reaction Networks and Deciders. 2014, 100-113	4
232	Nested-Unit Petri Nets: A Structural Means to Increase Efficiency and Scalability of Verification on Elementary Nets. <b>2015</b> , 179-199	11
231	Using Graph Transformations for Formalizing Prescriptions and Monitoring Adherence. <b>2015</b> , 205-220	1

230	Robustness of Expressivity in Chemical Reaction Networks. <b>2016</b> , 52-66		2
229	Balancing Speedup and Accuracy in Smart City Parallel Applications. <b>2017</b> , 224-235		4
228	A New Petri Nets Based Approach for Modeling of Discrete Manufacturing System. <b>2018</b> , 109-120		1
227	The Automatic Generation of a Graphical Dialogue Model from Delphi Source Code. <b>2004</b> , 221-230		1
226	On the Semantic Foundations of Standard UML 2.0. <b>2004</b> , 181-199		23
225	Petri-Net-Based Coordination Algorithms for Grid Transactions. <b>2004</b> , 499-508		3
224	An Algebraic Theory of Actors and Its Application to a Simple Object-Based Language. <b>2004</b> , 26-57		11
223	A Practical Approach to Model Extension. <b>2007</b> , 32-42		14
222	E-Business Vocabularies as a Moving Target: Quantifying the Conceptual Dynamics in Domains. <b>2008</b> , 388-403		3
221	({cal B})-Tropos. <b>2008</b> , 157-176		6
221	({cal B})-Tropos. 2008, 157-176  Requirements in the 21st Century: Current Practice and Emerging Trends. Lecture Notes in Business Information Processing, 2009, 44-87	0.6	23
	Requirements in the 21st Century: Current Practice and Emerging Trends. <i>Lecture Notes in Business</i>	0.6	
220	Requirements in the 21st Century: Current Practice and Emerging Trends. <i>Lecture Notes in Business Information Processing</i> , <b>2009</b> , 44-87	0.6	23
220	Requirements in the 21st Century: Current Practice and Emerging Trends. <i>Lecture Notes in Business Information Processing</i> , <b>2009</b> , 44-87  Grid Based Environment Application Development Methodology. <b>2010</b> , 499-506	0.6	23
220 219 218	Requirements in the 21st Century: Current Practice and Emerging Trends. Lecture Notes in Business Information Processing, 2009, 44-87  Grid Based Environment Application Development Methodology. 2010, 499-506  The Downward-Closure of Petri Net Languages. 2010, 466-477  A Conceptual Framework for Service Modelling in a Network of Service Systems. Lecture Notes in		23
220 219 218 217	Requirements in the 21st Century: Current Practice and Emerging Trends. Lecture Notes in Business Information Processing, 2009, 44-87  Grid Based Environment Application Development Methodology. 2010, 499-506  The Downward-Closure of Petri Net Languages. 2010, 466-477  A Conceptual Framework for Service Modelling in a Network of Service Systems. Lecture Notes in Business Information Processing, 2010, 192-206		23 4 8
220 219 218 217 216	Requirements in the 21st Century: Current Practice and Emerging Trends. Lecture Notes in Business Information Processing, 2009, 44-87  Grid Based Environment Application Development Methodology. 2010, 499-506  The Downward-Closure of Petri Net Languages. 2010, 466-477  A Conceptual Framework for Service Modelling in a Network of Service Systems. Lecture Notes in Business Information Processing, 2010, 192-206  Supervised Rule Based Thermodynamic Cycles Design Technique. 2011, 327-335		23 2 4 8

212	Trilogical Coherence in Multicriteria Decision-Aid Making 🖪 Methodological Approach to Computer-Aid Management. <b>1981</b> , 283-295	1
211	Elementary Events for Modeling of Human-System Interactions with Petri Net Models. <b>2014</b> , 219-226	1
210	Zur Verwendung von Petrinetz-Morphismen bei der Systemkonstruktion. <b>1979</b> , 220-235	2
209	Stepwise Refinements of Transitions and Places. <b>1982</b> , 136-141	12
208	A simple and Fast Algorithm to Obtain all Invariants of a Generalised Petri Net. 1982, 301-310	102
207	A Fair Competition Between Two or More Partners. <b>1982</b> , 327-337	2
206	Structural Transformations Giving B-Equivalent PT-Nets. <b>1983</b> , 14-28	5
205	On a Specification and Performance Evaluation Model for Multicomputer Database Machines. <b>1983</b> , 46-73	3
204	Time in Formal Protocol Specifications. <b>1985</b> , 575-587	7
203	Synchronisation der Pr\(\mathbb{B}\)entation von Multimedia-Objekten. <b>1991</b> , 455-464	3
203	Synchronisation der Pr\(\text{Bentation von Multimedia-Objekten. 1991, 455-464}\)  Notes on Algebraic Calculi of Processes. 1985, 261-303	3 46
202	Notes on Algebraic Calculi of Processes. <b>1985</b> , 261-303  Petri Net Based Behavior Description of Cross-Organization Workflow with Synchronous	46
202	Notes on Algebraic Calculi of Processes. 1985, 261-303  Petri Net Based Behavior Description of Cross-Organization Workflow with Synchronous Interaction Pattern. 2015, 1-10  The Application Of Petri Nets To Represent And Reason About Human Factors Problems During	46 7
202	Notes on Algebraic Calculi of Processes. 1985, 261-303  Petri Net Based Behavior Description of Cross-Organization Workflow with Synchronous Interaction Pattern. 2015, 1-10  The Application Of Petri Nets To Represent And Reason About Human Factors Problems During Accident Analyses. 1995, 93-112	46 7 6
202 201 200	Notes on Algebraic Calculi of Processes. 1985, 261-303  Petri Net Based Behavior Description of Cross-Organization Workflow with Synchronous Interaction Pattern. 2015, 1-10  The Application Of Petri Nets To Represent And Reason About Human Factors Problems During Accident Analyses. 1995, 93-112  Requirements For The Next Generation Of User Interface Specification Languages. 1995, 113-133	46 7 6 7
202 201 200 199	Notes on Algebraic Calculi of Processes. 1985, 261-303  Petri Net Based Behavior Description of Cross-Organization Workflow with Synchronous Interaction Pattern. 2015, 1-10  The Application Of Petri Nets To Represent And Reason About Human Factors Problems During Accident Analyses. 1995, 93-112  Requirements For The Next Generation Of User Interface Specification Languages. 1995, 113-133  System Modelling with Petri Nets. 1990, 103-143	46 7 6 7 16

194	Synthesis for manufacturing systems integration. <b>1993</b> , 103-146	2
193	Process periods and system reconstruction. <b>1985</b> , 122-141	1
192	REQUIREMENTS FOR HORMONE INVOLVEMENT IN DEVELOPMENT AT DIFFERENT LEVELS OF ORGANIZATION. <b>1987</b> , 39-51	5
191	USING AN OBJECT-ORIENTED DIAGRAM TECHNIQUE FOR THE DESIGN OF INFORMATION SYSTEMS. <b>1991</b> , 121-164	15
190	Requirements analysis. <b>1991</b> , 16/1-16/21	8
189	A representation of action and belief for automatic planning systems. <b>1987</b> , 189-211	12
188	Fuites dans les rBeaux de Petri. <b>1978</b> , 12, 125-144	6
187	Petri nets formalism facilitates analysis of complex biomolecular structural data. <b>2016</b> , 50, 401-411	2
186	Simultaneous resource possession in queueing models of computers. <b>1978</b> , 7, 41-52	5
185	Verdi: a framework for implementing and formally verifying distributed systems. <b>2015</b> , 50, 357-368	30
184	Event-based detection of concurrency. <b>1998</b> , 23, 35-45	13
183	High-level mission specification for multiple robots. 2019,	11
182	Process Mining in Cardiology: A Literature Review. <b>2018</b> , 8, 226-236	6
181	A Comprehensive Framework for Considering Practices and Processes.	1
180	Monograph: Candid - A Formal Language for Electronic Contracting.	4
179	Petri Nets with Time and Cost. 107, 9-24	3
178	Establishing Reliable Robot Behavior using Capability Analysis Tables. 319, 19-35	1
177	An Activity Instance Based Hierarchical Framework for Event Abstraction. 2021,	2

176	A data structure for studying 3D modeling design behavior based on event logs. <b>2021</b> , 132, 103967	3
175	Connectednesses and Disconnectednesses of Petri Nets. <b>2000</b> , 485-504	
174	Performance Modeling and Analysis in VHDL. <b>2001</b> ,	
173	Implementing Condition/Event Nets in the Circal Process Algebra. 2002, 49-63	1
172	Reasoning and Analysis of Uncertainties within Command and Control Navigation Simulation Using Fuzzy Logic Petri Net. <b>2002</b> , 253-262	0
171	Multi Agent Enterprise Modeling. <b>2002</b> , 169-185	O
170	Performance Modeling and Analysis in VHDL. <b>2003</b> , 4-1-4-42	
169	LUPA: A Workflow Engine. International Federation for Information Processing, 2006, 189-200	
168	Mechatronic System Integration for Senior Students. 2006,	1
167	Robust Interactive Storytelling Framework for Automatic TV Content/Story Production. 2008, 134-148	
166	Process Composition in Logistics: An Ontological Approach. 2008, 571-581	
165	Abductive Workflow Mining Using Binary Resolution on Task Successor Rules. 2008, 47-57	
164	Ad-Hoc Maintenance Program Composition: An Ontological Approach. 2008, 319-326	1
163	Concurrency and Time in Role-Based Access Control. <b>2009</b> , 37-42	
162	Grid Based Training Environment for Earth Observation. <b>2009</b> , 98-109	3
161	Bayesian Classification of Events for Task Labeling Using Workflow Models. <i>Lecture Notes in Business Information Processing</i> , <b>2009</b> , 97-108	o.6 1
160	Toward Distributed Knowledge Discovery on Grid Systems. <b>2010</b> , 213-243	2
159	CompTalks [From a Meta-model Towards a Framework for Application-Level Interaction Protocols. <b>2010</b> , 278-288	

158	An Intelligent Interface with Composite Dominant Directed Graph Based Petri Nets Controller for Rotatable Solar Panel in Integrated PHEV System. <b>2010</b> , 271-280	
157	Anomaly Detection in Concurrent Software by Static Data Flow Analysis. <b>2011</b> , 87-113	
156	Stochastic Processes and Models. <b>2011</b> , 37-58	
155	A Concurrent Coloured Petri Nets Model for Solving Binary Search Problem on a Multicore Architecture. <b>2011</b> , 463-477	O
154	Quantifying Controller Resilience Using Behavior Characterization. <i>International Federation for Information Processing</i> , <b>2012</b> , 71-83	
153	The Diagram of Flow: Its Departure from Software Engineering and Its Return. <b>2012</b> , 256-269	
152	Location-Aware Access Control for Mobile Workflow Systems. <b>2012</b> , 1533-1552	
151	Dynamic MapsIUse in Smart-Cities Learning Contexts. <b>2012</b> , 3, 33-49	
150	A Novel Narrative Intelligence Structure for Interactive Drama in Computer Games Workflow. <b>2013</b> , 129-146	
149	Preliminaries. <b>2013</b> , 11-25	
148	On Structuring Events for IOPT Net Models. <b>2013</b> , 229-238	4
147	Modal Scenarios as Automata. <b>2014</b> , 156-167	1
146	Collaborative Business Service Modelling and Improving. <b>2014</b> , 128-147	1
145	Service Composition Verification and Validation. <b>2014</b> , 2163-2182	
144	Agile Development Processes and Knowledge Documentation. <b>2014</b> , 309-328	
143	Modellierung dynamischer Systeme. <b>1978</b> , 67-93	
142	Digital Image Analysis. <b>1979</b> , 77-122	6
141	Eine Methode zum Entwurf betrieblicher Informationssysteme. <b>1980</b> , 150-165	2

Concrete control phases in languages for programming complex systems. 1980, 17-29 140 Mälichkeiten der Fehlertolerierung und Projektierung der Zuverläsigkeit bei Dezentralisierten 139 Prozessautomatisierungssystemen. 1980, 517-541 Kombinatorische Beschreibung und L\u00e4ung von Organisationsproblemen. 1980, 178-193 138 Spezifikation der Synchronisierung Paralleler Rechenprozesse in EPOS. 1981, 107-118 137 TOOL SYSTEM FOR COMPUTER AIDED DESIGN OF HIGHLY PERFORMING DIGITAL SYSTEMS. 1981, 482-485 136 Einsatz von Petri-Netzen in der Software-Entwicklung. 1981, 199-206 135 INTERACTIVE PROGRAMMING AS A CAD TASK; SOME REMARKS ON SYSTEM STRUCTURES, 134 PREREQUISITES, AND IMPLICATIONS. 1981, 2217-2222 The role of the information system in planning the control of a genetic disease. 1981, 182-184 133 Chomsky-Schotzenberger representations for families of languages and grammatical types. 1981, 333-347 132 Petri-Net Implementation of Recovery Strategies in a Large ESS. 1982, 212-221 131 Protocol Representation with Finite State Models. 1982, 579-606 130 4 Computer aided design for microcomputer systems. 1982, 65-137 129 128 Subclasses of Self-Modifying Nets. 1982, 187-192 1 Verification of Processes Using Program Transformation. 1984, 245-250 127 A REAL TIME MONITOR, ITS REPRESENTATION BY PETRI NETS AND AN APPLICATION. 1984, 485-489 126 References. 1984, 373-389 125 Formal Models of Parallel Computations. 1984, 109-141 124 Parallel Computer Models: An Introduction. 1984, 161-182 123

122	An Experimental System for Office Procedure Automation. 1984, 335-350	
121	ALGORITHMIC SPECIALIZATION USING VLSI. <b>1985</b> , 5-53	
120	Einffirung. <b>1985</b> , 1-38	
119	DESIGN AND VERIFICATION OF SEQUENCE CONTROL SYSTEMS WITH TIMED PETRI NETS. <b>1986</b> , 277-282	
118	DACAPO-III Schnelle Ausfflrung von Mixed- und Multi-level Hardwarebeschreibung. 1987, 373-380	
117	Genie-M, A Generator for Multimedia Information Environments. <b>1987</b> , 129-143	
116	A Methodology for Joint Data and Functional Analysis. <b>1987</b> , 1-43	
115	A Petri-net Representation of Computer-aided Production Management. <b>1987</b> , 251-255	
114	Parallelism issues in multi latyle computers. 1987, 1-34	
113	Modellierungskonzepte und Entwurfssprachen. <b>1989</b> , 42-141	
112	A CONTEMPORARY APPROACH TO LOGIC SYSTEMS DESIGN AND ITS APPLICATIONS FOR IMPLEMENTING HARDWIRED AND PROGRAMMED CONTROLLERS. <b>1989</b> , 27-32	
111	The Automation of Material Handling System Control Software. 1989, 121-132	
110	Das PlanungsunterstEzungssystem VIPS: Synthese und Analyse von VorgEgen auf der Basis eines elektronischen Organisationshandbuchs. <b>1989</b> , 464-475	
109	The Dylam Approach to Systems Safety Analysis. <b>1990</b> , 159-182	
108	Key references in distributed computer systems 1959¶989. 1990, 193-295	
107	A System for Knowledge-Based Information Extraction. <b>1990</b> , 495-499	
106	Nicht-objektzentrierte ReprBentationsformate. <b>1991</b> , 28-78	
105	Frame-artige ReprEentationsformate. <b>1991</b> , 159-243	

Invariance properties in distributed systems. 1992, 145-156 2 104 Konzeption eines Informationsmanagementsystems zur Gewßrleistung der Datenintegritßin 103 heterogenen betrieblichen Informationssystemen. 1992, 54-193 R. 1993, 277-300 102 Analysis of the TMS320C40 communication channels using timed Petri Nets. 1993, 562-571 Sequentielle Rechner. 1993, 33-62 100 Software Development for Parallel Processing. 1993, 46-61 99 98 Linear Programming for Hazard Elimination in Asynchronous Circuits. 1994, 137-160 Requirements Engineering and Design Tools for Real-Time Systems: the Protob Approach. 1994, 471-486 97 An exploratory study of program metrics as predictors of reachability analysis performance. 1995, 343-361 96 Integrating Operational Specification with Performance Modeling for Digital-System Design. 1996, 1-56 95 Modellierung der Problembeschreibung. 1996, 54-74 94 Temporal Modeling and Inter-Media Synchronization for Presentation of Multimedia Streams. 1996 93 , 373-398 Distributed multimedia QoS parameters from presentation modelling by coloured petri nets. 1996, 47-60 92 1 From text to Petri Nets: the difficulties of describing accident scenarios formally. 1997, 161-175 91 Algebraic characterization of petri net pomset semantics. 1997, 406-420 90 3 89 Automating System Design with Conceptual Models. 1997, 73-90 88 System Reliability Model for Analysing Performance of a New Railway. 1997, 961-969 Formal Specification and Verification. 1997, 29-63 87

86	Einleitung. <b>1998</b> , 11-18	
85	A Petri Net-Based Inference Network for Design Automation under Nondeterminism Applied to Mechatronic Systems. <b>1998</b> , 17-22	
84	Techniques and Applications of Fuzzy Systems Based on the Petri-Net Formalism. <b>1999</b> , 1711-1749	
83	Simulation-Based Reasoning about Biological Pathways Using Petri Nets and ASP. 207-243	1
82	Design Phase Consistency: A Tool for Reverse Engineering of UML Activity Diagrams to Their Original Scenarios in the Specification Phase. <b>2015</b> , 655-670	1
81	Modular Safety Assurance. <b>2016</b> , 169-196	1
80	Computation of Secure Consistency for Real Systems. <b>2016</b> , 84-97	3
79	Fallstudienbasierte Einfflrung von SOM. <b>2016</b> , 89-125	
78	Interpreted Petri Nets in DES Control Synthesis. <b>2016</b> , 377-387	
77	Model-Based Evaluation of Energy Saving Systems. <b>2017</b> , 187-208	3
76	GPenSIM for Performance Evaluation of Event Graphs. 2018, 289-299	1
75	Introduction. <b>2018</b> , 1-8	1
74	Information Systems Development via Model Transformations. 2018, 674-683	
73	Consistency of the Kaplan-Meier Estimator of the Survival Function in Competiting Risks. <b>2018</b> , 9, 1-17	1
72	Messverfahren zur Durchfürung von kontinuierlichen Zertifizierungen. <b>2019</b> , 147-188	
71	A Calculus of Space, Time, and Causality: Its Algebra, Geometry, Logic. <b>2019</b> , 3-21	2
70	CONCEPTUAL REPRESENTATIONS AND MODIFICATIONS OF PETRI NETS FOR APPLICATIONS IN THE AREA OF SYNTHESIS OF A FUNCTIONAL ARCHITECTURE OF DISTRIBUTED COMPUTATIONAL SYSTEMS WITH VARIABLE STRUCTURE. <b>2019</b> , 22, 143-167	
69	Conflict vs Causality in Event Structures. 300, 86-101	

68	Transforming Control-Flow Patterns of YAWL to Petri Nets. 2019,		1
67	Information Systems Development with the Help of Petri Nets. <b>2020</b> , 07, 41-64		
66	Tutorial on petri nets. <b>1983</b> , 14, 10-25		0
65	SOFTWARE AND PROTOCOLS IN REBUS. A DISTRIBUTED REAL-TIME CONTROL SYSTEM. <b>1983</b> , 147-153	8	
64	A High Level Net Language for Stepwise Modeling of Organizational Systems. 1983, 156-170		
63	Computer Design Language IVersion Munich (CDLM) A Multi-Level Simulation Tool. <b>1983</b> , 207-212		1
62	An Asset-Based Assistance for Secure by Design. <b>2020</b> ,		O
61	Verifying safety and accuracy of approximate parallel programs via canonical sequentialization. <b>2019</b> , 3, 1-29		5
60	On Enactability of Agent Interaction Protocols: Towards a Unified Approach. 2020, 43-64		5
59	Agile Development Processes and Knowledge Documentation. 1433-1453		
58	Location-Aware Access Control for Mobile Workflow Systems. 44-62		1
57	Service Composition Verification and Validation. 200-219		
56	Using 3D Models And Discrete Simulations In Infrastructure Security Applications. <i>International Federation for Information Processing</i> , <b>2008</b> , 269-278		
55	Conformance Test of Federated Choreographies. <b>2007</b> , 223-234		3
54	Petri Nets. Advances in Industrial Control, <b>2009</b> , 17-43	0.3	
53	A User-Oriented Design for Business Workflow Systems. <b>2006</b> , 285-297		
52	TSL. ACM SIGAda Ada Letters, <b>1985</b> , V, 255-274	0.4	2
51	Automating the evaluation of distributed system behavior in faulty environments. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1985</b> , 18, 165-171		

A Knowledge Based Tool For DCCS Design Validation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1989**, 22, 39-46

49	Formal Modeling and Verification of Property-based Resource Consumption Cycles. <b>2021</b> ,		1
48	Modeling of second-line drug behavior in the treatment of tuberculosis using Petri net.  International Journal of Systems Assurance Engineering and Management, 1	1.3	О
47	Bounded Verification of Multi-threaded Programs via Lazy Sequentialization. <i>ACM Transactions on Programming Languages and Systems</i> , <b>2022</b> , 44, 1-50	1.6	5
46	Discrete Integrated Circuit Electronics (DICE). 2020,		1
45	RPOIA: A Method of Selecting Learning Objects Using Petri Nets. <b>2020</b> ,		
44	Modeling and Execution of Coordinated Missions in Reconfigurable Robot Ensembles. 2020,		
43	Modeling Team Cohesion Using Hybrid Intelligent Multi-Agent Systems. <b>2020</b> ,		O
42	Availability evaluation of system service hosted in private cloud computing through hierarchical modeling process. <i>Journal of Supercomputing</i> , 1	2.5	O
41	Database parallelism, big data and analytics, deep learning. <b>2022</b> , 385-491		
40	Bibliography. <b>2022</b> , 641-693		
39	IT Availability Risks in Smart Factory Networks Analyzing the Effects of IT Threats on Production Processes Using Petri Nets. <i>Information Systems Frontiers</i> , 1	4	
38	Verification of cloud system elasticity using BigMC. <i>International Journal of Systems Assurance Engineering and Management</i> , 1	1.3	
37	A Petri Nets-based approach for enhancing clinical reasoning in medical education. <i>IEEE Transactions on Learning Technologies</i> , <b>2022</b> , 1-1	4	O
36	An Approach for Mitigating Disruptions on Resources©Consumption Cycles. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 1-12	0.5	
35	A Finite Prefix for Analysing Information Flow Among Transitions of a Free-Choice Net. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	
34	Introduction. Lecture Notes in Business Information Processing, 2022, 1-21	0.6	
33	VR-PRUNE: Decidable Variable-Rate Dataflow for Signal Processing Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 1-1	4.8	

32	Preliminaries. Lecture Notes in Business Information Processing, 2022, 23-47	0.6	
31	Chemical Reaction Regular Grammars. New Generation Computing, 1	0.9	
30	Fairness and Communication-Based Semantics for Session-Typed Languages. <i>Information and Computation</i> , <b>2022</b> , 104892	0.8	2
29	Approximate verification of concurrent systems using token structures and invariants. <i>International Journal on Software Tools for Technology Transfer</i> , 1	1.3	
28	Cohesive Interaction Protocol Development in Hybrid Intelligent Multi-agent Systems. 2021,		O
27	Process mining applications in the healthcare domain: A comprehensive review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12,	6.9	2
26	Evaluating Two Approaches to Assessing Student Progress in Cybersecurity Exercises. 2022,		1
25	Semantically Valid Integration of Development Processes and Toolchains. <i>Systems</i> , <b>2022</b> , 10, 40	3	1
24	Identifying legitimate user in DDoS attack using Petri net. Materials Today: Proceedings, 2022,	1.4	
23	The Analysis of Business Processes. <b>2022</b> , 13-35		
23	The Analysis of Business Processes. 2022, 13-35  Whole-grain Petri nets and processes.		
			O
22	Whole-grain Petri nets and processes.		0
22	Whole-grain Petri nets and processes.  Measuring Protocol Consistency in Cohesive Hybrid Intelligent Multi-agent Systems. 2022, 39-58		
22 21 20	Whole-grain Petri nets and processes.  Measuring Protocol Consistency in Cohesive Hybrid Intelligent Multi-agent Systems. 2022, 39-58  Applying Model-Based Ontology Coverage Analysis to Mission Architectures. 2022,  SkiNet, A Petri Net Generation Tool for the Verification of Skillset-based Autonomous Systems.		0
22 21 20	Whole-grain Petri nets and processes.  Measuring Protocol Consistency in Cohesive Hybrid Intelligent Multi-agent Systems. 2022, 39-58  Applying Model-Based Ontology Coverage Analysis to Mission Architectures. 2022,  SkiNet, A Petri Net Generation Tool for the Verification of Skillset-based Autonomous Systems. 371, 120-138		0
22 21 20 19	Whole-grain Petri nets and processes.  Measuring Protocol Consistency in Cohesive Hybrid Intelligent Multi-agent Systems. 2022, 39-58  Applying Model-Based Ontology Coverage Analysis to Mission Architectures. 2022,  SkiNet, A Petri Net Generation Tool for the Verification of Skillset-based Autonomous Systems. 371, 120-138  Navigation for multi-humanoid using MFO-aided reinforcement learning approach. 1-24		0 0

14	The Use of Petri Nets to Model the Maintainability of Buildings. 2023, 23-62	0
13	GRAPHICAL REPRESENTATIONS OF MULTITHREADED APPLICATIONS. 2018, 14, 20-37	1
12	On Holistic Multi-Step Cyberattack Detection via a Graph-based Correlation Approach. 2022,	О
11	MC-FLoc: Learning from Traces to Locate Fault in Petri Net Model Checking. <b>2022</b> ,	O
10	Asynchronous Controller Design and Simulation Using Signal Transition Graphs. 2022,	O
9	Principled Schedulability Analysis for Distributed Storage Systems using Thread Architecture Models.	O
8	A Novel Method for General Hierarchical System Modeling via Colored Petri Nets Based on Transition Extractions from Real Datasets. <b>2023</b> , 13, 339	O
7	SysML and Petri Nets Based Methodology for Analysis and Performance Evaluation in WSNs. <b>2023</b> , 106-117	O
6	A Model Based Framework for IoT-Aware Business Process Management. <b>2023</b> , 15, 50	1
5	On characterizing binary Petri Nets.	О
4	A Review of Fault Diagnosis, Status Prediction, and Evaluation Technology for Wind Turbines. <b>2023</b> , 16, 1125	1
3	Experimental Analyses of Temporal Activity-Sequencing Anomalies in Process Mining. <b>2023</b> , 13, 3143	О
2	A Property Preservation Method for Intelligent Manufacturing System Reconfiguration. 2022,	O
1	Development of a data-driven simulation framework using physics-informed neural network. <b>2023</b> , 189, 109840	O