

# Georg Frey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1668836/publications.pdf>

Version: 2024-02-01

183  
papers

1,499  
citations

566801

15  
h-index

525886

27  
g-index

191  
all docs

191  
docs citations

191  
times ranked

956  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfigurable Coordination of Distributed Discrete Event Control Systems. IEEE Transactions on Control Systems Technology, 2015, 23, 323-330.	3.2	108
2	Towards a Model-Driven IEC 61131-Based Development Process in Industrial Automation. Journal of Software Engineering and Applications, 2011, 04, 217-226.	0.8	79
3	Component-Oriented Modeling of Thermoelectric Devices for Energy System Design. IEEE Transactions on Industrial Electronics, 2014, 61, 1301-1310.	5.2	54
4	Performance modeling of PVT collectors: Implementation, validation and parameter identification approach using TRNSYS. Solar Energy, 2019, 193, 51-64.	2.9	46
5	Multiobjective Optimization Approach for a Portable Development of Reconfigurable Real-Time Systems: From Specification to Implementation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 623-637.	5.9	40
6	Verification and validation of safety applications based on PLCopen safety function blocks. Control Engineering Practice, 2011, 19, 929-946.	3.2	39
7	An MDD process for IEC 61131-based industrial automation systems. , 2011, , .		38
8	Simulation and performance analysis of combined parallel solar thermal and ground or air source heat pump systems. Solar Energy, 2017, 150, 500-511.	2.9	36
9	UML-based Development Process for IEC 61499 with Automatic Test-case Generation. , 2006, , .		34
10	Thermoelectric power generation: Peltier element versus thermoelectric generator. , 2016, , .		32
11	Visual PLC-programming using signal interpreted Petri nets. , 2002, , .		27
12	PLC Programming with Signal Interpreted Petri Nets. Lecture Notes in Computer Science, 2003, , 440-449.	1.0	26
13	Migration of a PLC Controller to an IEC 61499 Compliant Distributed Control System: Hands-on Experiences. , 0, , .		26
14	Modeling and Verification of Reconfigurable and Energy-Efficient Manufacturing Systems. Discrete Dynamics in Nature and Society, 2015, 2015, 1-14.	0.5	26
15	Transformation of Function Block Diagrams to UPPAAL timed automata for the verification of safety applications. Annual Reviews in Control, 2012, 36, 338-345.	4.4	25
16	Modeling Techniques for Distributed Control Systems Based on the IEC 61499 Standard É©Ä» Current Approaches and Open Problems. , 0, , .		22
17	Combination of UML Modeling and the IEC 61499 Function Block Concept for the Development of Distributed Automation Systems. , 2006, , .		22
18	Analysis and Control of Dynamic Reconfiguration Processes of Manufacturing Systems. IEEE Access, 2018, 6, 28028-28040.	2.6	22

#	ARTICLE	IF	CITATIONS
19	BROMETH: Methodology to design safe reconfigurable medical robotic systems. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1786.	1.2	20
20	Development process for distributed automation systems combining UML and IEC 61499. International Journal of Manufacturing Research, 2007, 2, 1.	0.1	18
21	Optimal Startup Control of a Steam Power Plant Using the JModelica Platform. IFAC-PapersOnLine, 2015, 48, 204-209.	0.5	18
22	Towards zero energy solar households – A model-based simulation and optimization analysis for a humid subtropical climate. Sustainable Energy Technologies and Assessments, 2021, 48, 101574.	1.7	17
23	Evaluation of Indoor Positioning Technologies under industrial application conditions in the SmartFactoryKL based on EN ISO 9283. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 870-875.	0.4	16
24	Measuring the impact of vertical integration on response times in ethernet fieldbuses. , 2007, , .		15
25	Re-use of existing simulation models for DCS engineering via the Functional Mock-up Interface. , 2014, , .		15
26	Optimized Design of Thermoelectric Energy Harvesting Systems for Waste Heat Recovery from Exhaust Pipes. Applied Sciences (Switzerland), 2017, 7, 634.	1.3	15
27	A Toolbox for the Development of Logic Controllers using Petri Nets. , 2006, , .		14
28	Verification and Validation of Safety Applications based on PLCopen Safety Function Blocks using Timed Automata in Uppaal. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 34-39.	0.4	14
29	Energy management systems for hospitals in Gaza-strip. , 2015, , .		14
30	Controller design for an FMS using Signal Interpreted Petri Nets and SFC: Validation of both descriptions via model-checking. , 2002, , .		13
31	UML-based Approach for the Re-Engineering of PLC Programs. Industrial Electronics Society (IECON ), Annual Conference of IEEE, 2006, , .	0.0	13
32	A TRNSYS-based simulation framework for the analysis of solar thermal and heat pump systems. Applied Solar Energy (English Translation of Geliotekhnika), 2017, 53, 126-137.	0.2	13
33	Comparison of 4 numerical solvers for stiff and hybrid systems simulation. , 2010, , .		12
34	Energy management for islanded buildings integrating renewables and diesel generators. , 2016, , .		12
35	Short term load forecasting using hybrid adaptive fuzzy neural system: The performance evaluation. , 2017, , .		12
36	Designing generic/reusable functionality based controllers for distributed control using UML. , 0, , .		11

#	ARTICLE	IF	CITATIONS
37	A Formal Method Based Re-Implementation Concept for PLC Programs and Its Application. , 2006, , .		11
38	Assembly line sequencing based on Petri-net T-invariants. Control Engineering Practice, 2000, 8, 63-69.	3.2	10
39	Optimizing Quality of Control in Networked Automation Systems using Probabilistic Models. , 2006, , .		10
40	Combining IEC 61499 and ISA S88 for Batch Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 187-192.	0.4	10
41	Function Block Diagram to UPPAAL Timed Automata Transformation Based on Formal Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1653-1659.	0.4	10
42	PV-Battery-Diesel microgrid layout design based on stochastic optimization. , 2017, , .		10
43	Designing Efficient Reconfigurable Control Systems Using IEC61499 and Symbolic Model Checking. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1110-1124.	3.4	10
44	Reconfiguration Control of Dynamic Reconfigurable Discrete Event Systems Based on NCESS. IEEE Transactions on Control Systems Technology, 2020, 28, 857-868.	3.2	10
45	Hierarchical Design of Logic Controllers Using Signal Interpreted Petri Nets. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 361-366.	0.4	9
46	Evaluation of Response Time in Ethernet-based Automation Systems. , 2006, , .		9
47	Simulation approach for evaluating response times in networked automation systems. , 2007, , .		9
48	Intelligent component based batch control using IEC61499 and ANSI/ISA S88. , 2008, , .		9
49	Estimating delays in networked control systems using colored Petri nets and Markov chain models. , 2009, , .		9
50	Object-oriented simulation model of thermoelectric devices for energy system design. , 2012, , .		9
51	PV-battery-diesel microgrid design for buildings subject to severe power outages. , 2017, , .		9
52	Forecast Quality of Physics-Based and Data-Driven PV Performance Models for a Small-Scale PV System. Frontiers in Energy Research, 2021, 9, .	1.2	9
53	Modeling and Optimizing Energy Supply and Demand in Home Area Power Network (HAPN). IEEE Access, 2020, 8, 2052-2072.	2.6	9
54	Multi-Objective Techno-Economic Optimization of Design Parameters for Residential Buildings in Different Climate Zones. Sustainability, 2022, 14, 65.	1.6	9

#	ARTICLE	IF	CITATIONS
55	Software quality measures to determine the diagnosability of PLC applications. , 2007, , .		8
56	Component based colored Petri net model for Ethernet based networked control systems. , 2008, , .		8
57	Reactivity analysis of different Networked Automation System architectures. , 2008, , .		8
58	Comparing Simulative and Formal Methods for the Analysis of Response Times in Networked Automation Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5113-5118.	0.4	8
59	Component-oriented ORC plant modeling for efficient system design and profitability prediction. , 2011, , .		8
60	Modeling of Networked Automation Systems for simulation and model checking of time behavior. , 2012, , .		8
61	Real-time power balancing in photovoltaic-integrated smart micro-grid. , 2017, , .		8
62	Scheduling periodic and aperiodic tasks with time, energy harvesting and precedence constraints on multi-core systems. Information Sciences, 2020, 520, 86-104.	4.0	8
63	GR-TNCES: New Extensions of R-TNCES for Modelling and Verification of Flexible Systems under Energy and Memory Constraints. , 2015, , .		8
64	Petri Net-Based Descriptions for Discrete-Continuous Systems. Automatisierungstechnik, 2000, 48, 415.	0.4	7
65	OPERATION MODES HANDLING IN DISTRIBUTED AUTOMATION SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 109-114.	0.4	7
66	An IEC 61499 interpretation and implementation focused on usability. , 2008, , .		7
67	Modeling and control of closed-loop networked PLC-systems. , 2011, , .		7
68	Shortest Legal Firing Sequence of Net Condition/Event Systems Using Integer Linear Programming. , 2018, , .		7
69	Implementation and Experimental Validation of a Photovoltaic-Thermal (PVT) Collector Model in TRNSYS. , 2018, , .		7
70	Formalization and Visualization of Non-binary PLC Programs. , 0, , .		6
71	Development of re-configurable distributed controllers in 61499 based on task schedules described by UML diagrams or gantt charts. , 0, , .		6
72	DesLaNAS - a language for describing Networked Automation Systems. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
73	PROBABILISTIC TIMED AUTOMATA FOR MODELING NETWORKED AUTOMATION SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 1-6.	0.4	6
74	Deployment of IEC 61499 compliant distributed control applications. , 2007, , .		6
75	A methodology to upgrade legacy industrial systems to meet safety regulations. , 2011, , .		6
76	Modeling and simulation of a thermoelectric Energy Harvesting System for control design purposes. , 2014, , .		6
77	Load control for supply-demand balancing under Renewable Energy forecasting. , 2017, , .		6
78	Energy Efficiency Engineering – Towards an Integrated Method Framework for Energy-Oriented Product and Production Development. Springer Proceedings in Energy, 2015, , 291-297.	0.2	6
79	ZiZo: Modeling, Simulation and Verification of Reconfigurable Real-time Control Tasks Sharing Adaptive Resources - Application to the Medical Project BROS. , 2015, , .		6
80	Electric Vehicle Battery Storage Concentric Intelligent Home Energy Management System Using Real Life Data Sets. Energies, 2022, 15, 1619.	1.6	6
81	Markov Modeling of Delays in Networked Automation and Control Systems Using Colored Petri Net Models Simulation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 2731-2736.	0.4	5
82	Energy engineering in the virtual factory. , 2013, , .		5
83	Multi-domain modeling of distributed energy systems - The MOCES approach. , 2015, , .		5
84	Optimal Scheduling of Energy Supply Entities in Home Area Power Network. , 2019, , .		5
85	Rolling Horizon Based Time-Triggered Distributed Control for AC/DC Home Area Power Network. IEEE Transactions on Industry Applications, 2021, 57, 4021-4032.	3.3	5
86	PRODUCT-DRIVEN CONTROL IN MANUFACTURING SYSTEMS USING IEC 61499 AND RFID TECHNOLOGY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 143-148.	0.4	4
87	Defining IEC 61499 Compliance Profiles using UML and OCL. , 2007, , .		4
88	“Safety automata”; “; A new specification language for the development of PLC safety applications. , 2012, , .		4
89	Model-based design and validation of waste heat recovery systems. , 2012, , .		4
90	Reconfigurable function blocks: Extension to the standard IEC 61499. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
91	Multiphysics Simulation in the Development of Thermoelectric Energy Harvesting Systems. Journal of Electronic Materials, 2016, 45, 1408-1411.	1.0	4
92	Battery management system in isolated microgrids considering forecast uncertainty. , 2018, , .		4
93	Two-Stage Multi-time Scale Energy Management & Control framework for Home Area Power Network. , 2020, , .		4
94	Energy Harvesting from Open Fireplaces. Springer Proceedings in Energy, 2015, , 525-531.	0.2	4
95	Model-Based Analysis of Solar Thermal and Heat Pump Systems Using TRNSYS. , 2017, , .		4
96	New Verification Approach for Reconfigurable Distributed Systems. , 2017, , .		4
97	Designing fault-tolerant controllers using SIPN and model-checking. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 113-118.	0.4	3
98	PROBABILISTIC HYBRID AUTOMATA WITH VARIABLE STEP WIDTH APPLIED TO THE ANALYSIS OF NETWORKED AUTOMATION SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 283-288.	0.4	3
99	DEVELOPMENT PROCESS FOR DEPENDABLE HIGH-PERFORMANCE CONTROLLERS USING PETRI NETS AND FPGA TECHNOLOGY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 139-144.	0.4	3
100	FUNCTIONAL CONTROL OBJECTS IN DISTRIBUTED AUTOMATION SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 259-264.	0.4	3
101	Towards an automated verification process for industrial safety applications. , 2011, , .		3
102	A Method for Building a Simple and Applicable Power Inverter. Springer Proceedings in Energy, 2015, , 357-367.	0.2	3
103	Model-driven soft sensor for predicting biomass calorific value in combustion power plants. , 2016, , .		3
104	Predictive power management for a solar-powered off-grid surface water quality monitoring system. , 2016, , .		3
105	Enabling reconfiguration of adaptive control systems using real-time context-aware framework. , 2016, , .		3
106	A user-friendly simulation framework for the analysis of solar thermal and heat pump systems using TRNSYS. , 2017, , .		3
107	Activation of electrical loads under electricity price uncertainty. , 2017, , .		3
108	Simulation and analysis of reconfigurable assembly systems based on R-TNCES. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'uan, 2018, 41, 494-502.	0.6	3

#	ARTICLE	IF	CITATIONS
109	Modeling, Simulation and Verification of Probabilistic Reconfigurable Discrete-Event Systems Under Energy and Memory Constraints. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 229-243.	1.5	3
110	Modeling and Verification of a Reliable Multi-Agent Solution Promoting the Autonomy and Self-Sufficiency of Microgrids in an Isolated Location. IEEE Access, 2019, 7, 55090-55107.	2.6	3
111	Modeling Methodology for Reconfigurable Distributed Systems using Transformations from GR-UML to GR-TNCES and IEC 61499. , 2021, , .		3
112	MODEL-BASED SYSTEM ASSESSMENT OF THERMOELECTRIC ENERGY HARVESTING FROM THE EXHAUST GAS PIPE OF OIL-FIRED HEATINGS. MM Science Journal, 2015, 2015, 570-575.	0.2	3
113	Context-awareness Meta-model for Reconfigurable Control Systems. , 2017, , .		3
114	Steuerungsentwurfstool Netmate. Automatisierungstechnik, 1997, 45, 304-305.	0.4	2
115	ÄœBERSICHTSAUFSATZ Â SURVEY PAPER: Methoden und Werkzeuge zum industriellen Steuerungsentwurf - Historie, Stand, Ausblick. Automatisierungstechnik, 1999, 47, 145-156.	0.4	2
116	DEPENDABILITY ANALYSIS OF NETWORKED AUTOMATION SYSTEMS BY PROBABILISTIC DELAY TIME ANALYSIS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 269-274.	0.4	2
117	Feasibility analysis for networked control systems by simulation in Modelica. , 2008, , .		2
118	Modellierung und Simulation vernetzter Automatisierungs- und Regelungssysteme in Modelica Modeling and Simulation of Networked Automation and Control Systems in Modelica. Automatisierungstechnik, 2009, 57, .	0.4	2
119	Multi-Phase Markov models for functional safety prediction: Efficient simulation of Markov models used for safety engineering and the online integration of individual systems' diagnostic and maintenance history. , 2011, , .		2
120	Modeling wastewater pumping stations for cost-efficient control. , 2012, , .		2
121	On Formal Verification of Function Block Applications in Safety-related Software Development. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 109-114.	0.4	2
122	Design of distributed energy systems: Role and requirements of modeling and simulation. , 2014, , .		2
123	A biomass combustion plant model for optimal control applications - The effect of key variables on combustion dynamics. , 2015, , .		2
124	R-UML: An UML Profile for Verification of Flexible Control Systems. Communications in Computer and Information Science, 2016, , 118-136.	0.4	2
125	Modeling and simulation of local flexibilities and their effect to the entire power system. Computer Science - Research and Development, 2018, 33, 49-60.	2.7	2
126	Thermoelectric Applications for Home Use: Thermostat and Green Barbecue 2.0. Materials Today: Proceedings, 2018, 5, 10283-10290.	0.9	2

#	ARTICLE	IF	CITATIONS
127	Multi-objective optimization for scheduling isolated microgrids. , 2018, , .		2
128	Model-based analysis of the performance and the environmental impact of solar thermal and heat pump systems. , 2018, , .		2
129	Stochastic optimization framework for scheduling isolated microgrids. , 2018, , .		2
130	Stochastic Optimization Scheme to Schedule Energy Supply and Demands in an Islanded Microgrid. , 2020, , .		2
131	Office Appliances Identification and Monitoring using Deep Learning based Energy Disaggregation for Smart Buildings. , 2020, , .		2
132	Modeling and Simulation of an Energy Efficient Skid Conveyor using ZIZO. , 2016, , .		2
133	Specification Approach using GR-TNCES: Application to an Automotive Transport System. , 2017, , .		2
134	A New Approach for Optimal Implementation of Multi-core Reconfigurable Real-time Systems. , 2018, , .		2
135	Hybrid Context-awareness Modelling and Reasoning Approach for Microgridâ€™s Intelligent Control. , 2020, , .		2
136	Meta-Model for Control Applications of Microgrids. , 2020, , .		2
137	A Rule-based Expert System for Home Power Management Incorporating Real-Life Data Sets. , 2022, , .		2
138	Modellierung flexibler Fertigungslinien und Bestimmung gÃ¼ltiger Produktionsfolgen mit Hilfe einer ereignisdiskreten Zustandsbeschreibung (Modelling of Flexible Assembly Lines and Production) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29		2
139	Engineering a Predictive Energy Consumption Model for University Properties. , 2013, , .		1
140	Toward a decentralized forecast system for distributed power generation. , 2014, , .		1
141	Soft-sensing of key process variables in a biomass combustion plant. , 2016, , .		1
142	Modeling of a Heat Pipe for Using in Thermoelectric Energy Harvesting Systems. Springer Proceedings in Energy, 2017, , 183-190.	0.2	1
143	A guidance framework for synthesis of multi-core reconfigurable real-time systems. Information Sciences, 2020, 539, 327-346.	4.0	1
144	A Software Framework for Context-aware Secure Intelligent Applications of Distributed Systems. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
145	On Parametrizing Feasible Reconfigurable Systems Under Real-Time, Energy, and Resource Sharing Constraints. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1492-1504.	3.4	1
146	The Role of Battery Storage in PV-Diesel Microgrid Simulation-Based Analysis. , 2021, , .		1
147	A Cloud-native Implementation of the Simulation as a Service-Concept Based on FMI. , 0, , .		1
148	New Approach for Deadline Calculation of Periodic, Sporadic and Aperiodic Real-time Software Tasks. , 2020, , .		1
149	Transformation from R-UML to R-TNCES: New Formal Solution for Verification of Flexible Control Systems. , 2015, , .		1
150	Dependability analysis of networked automation systems by probabilistic delay time analysis. , 2006, , 265-270.		1
151	Panel discussion on "formal methods in plc control". , 2002, , .		0
152	Entwurf und formale Analyse Petrinetz-basierter Steuerungsalgorithmen. Automatisierungstechnik, 2002, 50, 458.	0.4	0
153	AUCTION-BASED AGENT-ORIENTED PROCESS CONTROL. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 447-452.	0.4	0
154	Wahrscheinlichkeitsbasierte Modellverifikation Netzbasierter Automatisierungssysteme (Probabilistic Model Checking of Networked Automation Systems). Automatisierungstechnik, 2007, 55, 624-633.	0.4	0
155	Verifikation und Validierung sicherheitsgerichteter SPS-Programme. Informatik Aktuell, 2013, , 107-116.	0.4	0
156	OOAD-Entwicklungsprozess einer Modelica-Bibliothek für vernetzte Automatisierungssysteme. Automatisierungstechnik, 2013, 61, 131-140.	0.4	0
157	Message from program co-chairs. , 2013, , .		0
158	&#x0022;OWLracle&#x0022; &#x2014; Predicting the impact of interdisciplinary energy efficiency methods at German universities using BCVTB. , 2014, , .		0
159	Abschied von Prof. Dr.-Ing. habil. Lothar Litz. Automatisierungstechnik, 2015, 63, 937-938.	0.4	0
160	Mathematical Problems in Petri Nets Theory and Applications. Mathematical Problems in Engineering, 2015, 2015, 1-2.	0.6	0
161	Towards a Safer and More Optimal Treatment of the Supracondylar Humerus Fracture. Communications in Computer and Information Science, 2015, , 403-423.	0.4	0
162	Efficient Models of Partially Shaded PV Modules for Energy System Design. Springer Proceedings in Energy, 2015, , 441-447.	0.2	0

#	ARTICLE	IF	CITATIONS
163	Priced discrete Automata for modeling energy efficient manufacturing systems. , 2016, , .		0
164	Welcome Message from General and Program Chairs. , 2018, , .		0
165	Forecast-Driven Power Planning Approach for Microgrids Incorporating Smart Loads Using Stochastic Optimization. , 2018, , .		0
166	SoMAS Based Cooperative Control for Cyber Physical Energy Systems. , 2018, , .		0
167	52. Regelungstechnisches Kolloquium. Automatisierungstechnik, 2018, 66, 1083-1085.	0.4	0
168	From Specification to Implementation of an Automotive Transport System. Communications in Computer and Information Science, 2018, , 49-68.	0.4	0
169	Model Centric Development of Genetic Algorithm Based Optimal Load Scheduler for Smart Home. , 2019, , .		0
170	Context-free Forbidden Path Control of Net Condition/Event Systems. , 2019, , .		0
171	IEEE International Conference on Automation Science and Engineering 2018. Automatisierungstechnik, 2019, 67, 443-444.	0.4	0
172	Building a Smart Domestic Water Management Controller. , 2019, , .		0
173	Guest Editorial Special Section on the 2018 Conference on Automation Science and Engineering (CASE). IEEE Transactions on Automation Science and Engineering, 2020, 17, 1182-1183.	3.4	0
174	A Policy for Efficient Utilization of a Shared Energy Back-Up System. , 2020, , .		0
175	A Component-Oriented Model for Wastewater Pumping Plants. Lecture Notes in Electrical Engineering, 2014, , 281-295.	0.3	0
176	Scheduling Smart Loads in Modern Buildings based on Metaheuristic Optimization. , 2018, , .		0
177	Using Modelling and Simulation as a Service (MSaaS) for Facilitating Flexibility-based Optimal Operation of Distribution Grids. , 2018, , .		0
178	Scheduling Smart Loads in Modern Buildings based on Metaheuristic Optimization. , 2018, , .		0
179	Using Modelling and Simulation as a Service (MSaaS) for Facilitating Flexibility-based Optimal Operation of Distribution Grids. , 2018, , .		0
180	Portable Synthesis of Multi-core Real-Time Systems with Reconfiguration Constraints. Communications in Computer and Information Science, 2019, , 165-185.	0.4	0

#	ARTICLE	IF	CITATIONS
181	A Software Framework for Context-aware Secure Intelligent Applications of Distributed Systems. , 2021, , .		0
182	Ganzheitliche IT-Security Reifegradbestimmung. Atp Magazin, 2021, 63, 78-85.	0.3	0
183	Integration einer Power-to-Gas-Anlage. Atp Magazin, 2022, 63, 68-75.	0.3	0