

CITATION REPORT

List of articles citing

Cyber-physical Systems

DOI: 10.1109/mc.2009.81
Computer, 2009, 42, 88-89.

Source: <https://exaly.com/paper-pdf/45904904/citation-report.pdf>

Version: 2024-04-26

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
246	. 2010 , 6, 393-404		10
245	Neuroevolution of mobile ad hoc networks. 2010 ,		5
244	. 2011 ,		2
243	Cyber-physical security using system-level PUFs. 2011 ,		10
242	. 2011 ,		6
241	Energy source lifetime optimization for a digital system through power management. 2011 ,		7
240	Multi-sensor networked estimation in electric power grids. 2011 ,		
239	Co-design of cyber-physical systems via controllers with flexible delay constraints. 2011 ,		18
238	Modeling and verification of interactive behavior for cyber-physical systems. 2011 ,		
237	Neuroevolution of Controllers for Self-Organizing Mobile Ad Hoc Networks. 2011 ,		2
236	QoS optimization for thermal-aware cyber-physical systems. 2011 ,		3
235	Internet of Things: Objectives and Scientific Challenges. 2011 , 26, 919-924		182
234	OSGi-based services architecture for Cyber-Physical Home Control Systems. 2011 , 34, 184-191		34
233	Constraint-driven synthesis and tool-support for FlexRay-based automotive control systems. 2011 ,		16
232	Re-engineering cyber-physical control applications for hybrid communication protocols. 2011 ,		8
231	A conceptual framework for dynamic manufacturing resource service composition and optimization in service-oriented networked manufacturing. 2011 ,		6
230	Model-Driven Performance Analysis of Reconfigurable Conveyor Systems Used in Material Handling Applications. 2011 ,		10

229	A Security Scheme Research of the Internet of Things Based on the SA/NIA Architecture. 2011 , 320, 291-296	2
228	A real-time multicast routing scheme for multi-hop switched fieldbuses. 2011 ,	5
227	The Research of Autonomic Computing of Internet of Things Based on Policy-Driven. 2012 , 487, 342-346	
226	A Unified Methodology for Scheduling in Distributed Cyber-Physical Systems. 2012 , 11, 1-25	13
225	Distribution middleware technologies for Cyber Physical Systems. 2012 ,	3
224	Configurable cooperative middleware for the next generation of CPS. 2012 ,	2
223	Fuzzy-Based Actuators Controlling for Minimizing Power Consumption in Cyber-physical System. 2012 ,	
222	Automated Sensor Verification Using Outlier Detection in the Internet of Things. 2012 ,	20
221	Model-Driven Performance Analysis of Large Scale Irrigation Networks. 2012 ,	7
220	Thermal-aware service rate adjustment for cyber-physical systems. 2012 ,	2
219	. 2012 , 100, 1411-1430	143
218	Modeling access control for cyber-physical systems using reputation. 2012 , 38, 1088-1101	20
217	Challenges in automotive cyber-physical systems design. 2012 ,	25
216	High performance dynamic voltage/frequency scaling algorithm for real-time dynamic load management. 2012 , 85, 906-919	5
215	. 2012 , 100, 269-282	59
214	Adaptive resource management scheme for monitoring of CPS. 2013 , 66, 57-69	15
213	Multipath Routing Techniques in Wireless Sensor Networks: A Survey. 2013 , 70, 807-829	94
212	Predicting time-delays under real-time scheduling for linear model predictive control. 2013 ,	

211	The Cyber-Physical Marketplace: A Framework for Large-Scale Horizontal Integration in Distributed Cyber-Physical Systems. 2013 ,		5
210	Intelligent Checkers to Improve Attack Detection in Cyber Physical Systems. 2013 ,		13
209	QoS- and security-aware dynamic spectrum management for cyber-physical surveillance system. 2013 ,		1
208	Enhanced Network Coding to Maintain Privacy in Smart Grid Communication. 2013 , 1, 286-296		12
207	DSL methods for CPS simulation in the cloud. 2013 ,		0
206	Co-design of control and platform with dropped signals. 2013 ,		21
205	Robustness analysis for battery-supported cyber-physical systems. 2013 , 12, 1-27		20
204	FTT-MA: a flexible time-triggered middleware architecture for time sensitive, resource-aware Aml systems. <i>Sensors</i> , 2013 , 13, 6229-53	3.8	5
203	Integrated Diagnostic and Preload Control for Ball Screw Drives by Means of Self-Sensing Actuators. 2013 , 769, 271-277		1
202	Security Issues of Multi-Core Architectures □The Automotive Case. 2013 , 55, 5-9		
201	Smart Equipment and Virtual Resources trigger Network Principles in Manufacturing. 2014 , 58, 012002		1
200	Organisationaler Wandel durch die Emergenz Cyber-Physikalischer Systeme: Die Fallstudie AVL List GmbH. 2014 , 51, 827-837		4
199	Toward QoI and Energy-Efficiency in Internet-of-Things Sensory Environments. 2014 , 2, 473-487		63
198	Distributed Wireless NetworkedHControl for a Class of Lurie-Type Nonlinear Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-14	1.1	
197	Generating Model Transformations for Mending Dynamic Constraint Violations in Cyber Physical Systems. 2014 ,		1
196	Advanced technical education in the age of cyber physical systems. 2014 ,		0
195	FPGA emulation and prototyping of a cyberphysical-system-on-chip (CPSoC). 2014 ,		7
194	Survey of Integrity Detection Methods in Internet of Things. 2014 ,		1

193	The challenge of building a cyber physical system as an educational experience. 2014,		3
192	LMI-based H _∞ Synthesis for a Lurie-type unified model via wireless neuron control network. 2014,		
191	Design of a Sliding Window over Distributed and Asynchronous Event Streams. 2014, 25, 2551-2560		1
190	Robust explicit MPC design under finite precision arithmetic. 2014, 47, 2939-2944		4
189	Multi-Player Gaming for Public Transport Crowd. 2015, 217-232		
188	An Idiomatic Solution Sieve for Selecting the Best Performing Solutions in Real-World Distributed Intelligence. 2015,		
187	An Occupancy Based Cyber-Physical System Design for Intelligent Building Automation. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-15	1.1	5
186	Research and practice on Aluminum Industry 4.0. 2015,		2
185	Cybermatics: A Holistic Field for Systematic Study of Cyber-Enabled New Worlds. 2015, 3, 2270-2280		18
184	An initial performance review of software components for a heterogeneous computing platform. 2015,		
183	A Communication Protocol for Different Communication Technologies in Cyber-Physical Systems. 2015, 60, 1697-1706		6
182	An Improved Fine-Grained Encryption Method for Unstructured Big Data. 2015, 361-369		
181	Cloud-Based Intelligent User Interface for Cloud Manufacturing: Model, Technology, and Application. 2015, 137,		18
180	On synergies of cyber and physical security modelling in vulnerability assessment of railway systems. 2015, 47, 275-285		25
179	Multimedia Big Data Computing. 2015, 22, 96-c3		53
178	Flexible, modular, standard, free and affordable model for CPS control applied to mobile robotics. 2015,		2
177	Cloud manufacturing: from concept to practice. 2015, 9, 186-209		187
176	Authentication and key relay in medical cyber-physical systems. 2016, 9, 874-885		10

175	Quality of service-aware and security-aware dynamic spectrum management in cyber-physical surveillance systems for transportation. 2016 , 9, 850-861	3
174	Pairing of most relevant variables and bootstrap samples with ridge regression for data sharing. 2016 ,	1
173	A correlation-based subspace analysis for data confidentiality and classification as utility in CPS. 2016 ,	2
172	Research on Semantic Discovery Technology of Parts Based on Knowledge Reuse. 2016 ,	
171	Engineering cyber-physical systems [Mechatronics wine in new bottles?]. 2016 ,	2
170	Reasoning for CPS Education Using Surrogate Simulation Models. 2016 ,	2
169	Cyber-physical systems: challenge of the 21st century. 2016 , 133, 299-303	20
168	A Layered Protocol Architecture for Scalable Innovation and Identification of Network Economic Synergies in the Internet of Things. 2016 ,	4
167	Hybrid secure beamforming and vehicle selection using hierarchical agglomerative clustering for C-RAN-based vehicle-to-infrastructure communications in vehicular cyber-physical systems. 2016 , 12, 155014771666278	6
166	Analytical FRTU deployment approach for reliability improvement of integrated cyber-physical distribution systems. 2016 , 10, 2631-2639	10
165	Interfacing Physical and Cyber Worlds: A Big Data Perspective. 2016 , 117-138	2
164	A model-based approach to qualified process automation for anomaly detection and treatment. 2016 ,	5
163	Explicit MPC: Hard constraint satisfaction under low precision arithmetic. 2016 , 47, 60-69	8
162	Fuzzy Control to Improve Energy-Economizing in Cyber-Physical Systems. 2016 , 30, 1-15	5
161	A modular CPS architecture design based on ROS and Docker. 2017 , 11, 949-955	15
160	Applications of Cyber-Physical System: A Literature Review. 2017 , 02, 1750012	54
159	Cyber Physical System (CPS)-Based Industry 4.0: A Survey. 2017 , 02, 1750014	84
158	Optimal Dynamic Reserved Bandwidth Allocation for Cloud-Integrated Cyber-Physical Systems. 2017 , 5, 26224-26236	6

157 . 2017,

156 Ageing processes in one-, two- and three-layered thick films based on modified thermistor ceramics. 2017,

155 . 2017,

1

154 Energy-Harvesting Low-Power Devices in Cyber-Physical Systems. 2017, 55-74

2

153 Simulation of cyber-physical systems using IEC61499. 2017,

152 Improving the Safety and Security of Wide-Area CyberPhysical Systems Through a Resource-Aware, Service-Oriented Development Methodology. 2018, 106, 144-159

9

151 Massive MIMO for Industrial Internet of Things in Cyber-Physical Systems. 2018, 14, 2641-2652

43

150 Process Monitoring Based on Multivariate Causality Analysis and Probability Inference. 2018, 6, 6360-6369

13

149 Real-time scheduling for a smart factory using a reinforcement learning approach. 2018, 125, 604-614

82

148 . 2018, 5, 888-900

6

147 Distributed control via modularized CPS architecture Lessons learnt from an industrial case study. *IFAC-PapersOnLine*, 2018, 51, 803-808

0.7 6

146 AirborneCPS: A Simulator for Functional Dependencies in Cyber Physical Systems: A Traffic Collision Avoidance System Implementation. 2018,

0

145 Improving User Trust on Deep Neural Networks Based Intrusion Detection Systems. 2018,

9

144 Industry 4.0 and supply chain sustainability: framework and future research directions. 2018,

78

143 Fault Diagnosis for Uncertain Networked Systems. 2018, 533-581

142 Co-Regulation of Computational and Physical Effectors in a Quadrotor Unmanned Aircraft System. 2018,

2

141 Improved Energy Efficiency of Massive MIMO-OFDM in Battery-Limited IoT Networks. 2018, 6, 38147-38160

15

140 Of Embodied Action and Sensors: Knowledge and Expertise Sharing in Industrial Set-Up. 2018, 27, 875-916

13

139	Crowdsensing in Smart Cities: Overview, Platforms, and Environment Sensing Issues. <i>Sensors</i> , 2018 , 18,	3.8	57
138	View-Centric Context Modeling to Foster the Engineering of Cyber-Physical System Networks. 2018 ,		5
137	Internet of Medical Things: A Review of Recent Contributions Dealing With Cyber-Physical Systems in Medicine. 2018 , 5, 3810-3822		135
136	An extensible framework for software configuration optimization on heterogeneous computing systems: Time and energy case study. <i>Information and Software Technology</i> , 2019 , 105, 30-42	3.4	3
135	Towards insider threats detection in smart grid communication systems. 2019 , 13, 1728-1736		4
134	Knowledge-based cyber-physical systems for assembly automation. 2019 , 7, 223-254		12
133	. 2019 , 7, 100090-100098		12
132	Smart Virtual Product Development (SVPD) to Enhance Product Manufacturing in Industry 4.0. 2019 , 159, 2232-2239		6
131	Comparative assessment of different OPC UA openSource stacks for embedded systems. 2019 ,		5
130	Boosting Object Detection in Cyberphysical Systems. 2019 , 309-318		1
129	Comparing Platform-aware Control Design Flows for Composable and Predictable TDM-based Execution Platforms. 2019 , 24, 1-26		2
128	Attack Detection for Healthcare Monitoring Systems Using Mechanical Learning in Virtual Private Networks over Optical Transport Layer Architecture. 2019 , 7, 24		12
127	An Hourglass-Shaped Architecture for Model-Based Development of Networked Cyber-Physical Systems. 2019 , 41-66		
126	A Lightweight Payment Verification Protocol for Blockchain Transactions on IoT Devices. 2019 ,		5
125	Security Challenges in the Industry 4.0 Era. 2019 , 117-136		7
124	Standards for Cyber-Physical Energy Systems—Two Case Studies from Sensor Technology. 2019 , 9, 435		6
123	Agent-Oriented Engineering for Cyber-Physical Systems. 2019 , 93-102		
122	A neural-network-based approach for diagnosing hardware faults in cloud systems. 2019 , 11, 168781401881923		

121	Police office model for multi-agent robotic systems. 2019 , 497, 012036		1
120	A systematic review to aligning research paths: Energy cyber-physical systems. 2019 , 6, 1700738		5
119	Creation of the information system based on the integrated evaluation of a construction object at various life cycle stages. <i>Journal of Physics: Conference Series</i> , 2019 , 1425, 012117	0.3	1
118	Modification of Multiple-model Description and Planning and Update Control Algorithms of Supply Chain. <i>IFAC-PapersOnLine</i> , 2019 , 52, 1972-1977	0.7	1
117	Attacker Location Evaluation-Based Fake Source Scheduling for Source Location Privacy in Cyber-Physical Systems. 2019 , 14, 1337-1350		14
116	Reliability, failure detection and prevention in cyber-physical systems (CPSs) with agents. 2019 , 31, e4481		3
115	Rigorous design of cyber-physical systems. 2019 , 18, 1613-1636		6
114	Contextual self-organizing of manufacturing process for mass individualization: a cyber-physical-social system approach. 2020 , 14, 1124-1149		23
113	Hardware/Software Interface Codesign for Cyber Physical Systems. 2020 , 73-77		2
112	An Integrated Planning Approach for Distributed Generation Interconnection in Cyber Physical Active Distribution Systems. 2020 , 11, 541-554		8
111	Online optimization based model predictive control on two wheel Segway system. 2020 , 33, 3846-3853		0
110	Making an Universal Intellectual Managerial System of Construction Projects and Housing and Communal Services. 2020 , 753, 042021		
109	Developing a Data Analytics Toolbox to Support CPS-based Services. 2020 ,		
108	Information Technologies of Administrative Synthesis in Building Industry as the Factor of Boosting Labor Efficiency. 2020 , 753, 042022		1
107	Subsidiary computations. 2020 , 919, 052049		
106	Language evolution and healthiness for critical cyber-physical systems. 2020 , 33, e2301		3
105	Social Perspectives in Digital Business Models of Railway Enterprises. 2020 , 13, 6445		7
104	Smart Virtual Product Development (SVPD) System to Support Product Inspection Planning in Industry 4.0. 2020 , 176, 2596-2604		1

103	Cyber-Physical Stress-Testing Platform for Water Distribution Networks. 2020 , 146, 04020061	16
102	Adapting a Container Infrastructure for Autonomous Vehicle Development. 2020 ,	3
101	Improving multi-class Boosting-based object detection. 2020 , 28, 81-96	3
100	Automated urban train control with hybrid Event-B: Tackling the rugby club problem. 2020 , 190, 102404	
99	Enhancing Product Manufacturing through Smart Virtual Product Development (SVPD) for Industry 4.0. 2020 , 51, 246-257	5
98	Optimal Planning and Efficient Adjustments of the Terms of Constructions. 2020 , 753, 042077	
97	Quantitative evaluation of fault propagation in a commercial cloud system. 2020 , 16, 155014772090361	
96	A game-theoretic approach for ensuring trustworthiness in cyber-physical systems with applications to multiloop UAV control. 2021 , 32, e4042	1
95	Aircraft Flight Safety Control Methodology. 2021 , 283-293	
94	A decision-making framework for dynamic scheduling of cyber-physical production systems based on digital twins. 2021 , 51, 357-373	28
93	Neural Network Model for Evaluating Thermofluctuation Processes in Cable Systems Using a Multi-stage Forecasting Method. 2021 , 349-359	
92	Design Patterns for Cyber-Physical Systems of Buildings. 2021 , 67-82	
91	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. 2021 , 8, 737-753	7
90	Cyber-Physical System An Architectural Review. 2022 , 133-142	
89	Dynamic modeling and aperiodically intermittent strategy for adaptive finite-time synchronization control of the multi-weighted complex transportation networks with multiple delays*. 2021 , 30, 090507	
88	Uncertainty Region Decomposition Approach for Problem of Flexible One-Stage Heat Exchange Network Design. 2021 , 323-334	
87	Management and Marketing Events in a Digital Era. 2021 , 105-122	1
86	Retrofitting for Energy Management. 2021 , 96-119	

85	Cyber-Physical Control Over Wireless Sensor and Actuator Networks with Packet Loss. 2011 , 85-102	18
84	Deep Neural Networks Application in Models with Complex Technological Objects. 2020 , 291-300	3
83	Conceptual Approach to Designing Efficient Cyber-Physical Systems in the Presence of Uncertainty. 2020 , 69-80	4
82	Decision Support Algorithm for Parrying the Threat of an Accident. 2020 , 237-247	6
81	Aspect-Oriented QoS Modeling of Cyber-Physical Systems by the Extension of Architecture Analysis and Design Language. 2014 , 1125-1131	3
80	A Health 4.0 Based Approach Towards the Management of Multiple Sclerosis. 2017 , 205-218	2
79	Socialized Manufacturing Resources and Interconnections. 2019 , 51-65	1
78	A Privacy-Level Model of User-Centric Cyber-Physical Systems. 2013 , 338-347	7
77	Development of a Low-Power Smart Water Meter for Discharges in Indus Basin Irrigation Networks. 2013 , 1-13	9
76	MEC-IDC. 2010 ,	28
75	System analysis of the development of information-communication technologies. 2019 ,	3
74	I Think Therefore You Are. 2020 , 4, 1-25	3
73	Promote-pl. 2020 ,	11
72	Digitalization of Ukrainian economy: transformational potential. 2020 ,	12
71	Information and communication technologies in the era of the smart industry development: problems of definition and conditions of development. 2018 , 2, 50-75	9
70	Research on Information Management in Cloud Manufacturing. 2016 , 10, 365-373	2
69	Advanced Technology for Cyber-Physical System Monitoring. 2020 , 1-27	1
68	DSL methods for CPS simulation in the cloud. 2007 ,	

- 67 A New Web-Based Method for Petroleum Media Seamless Migration. **2011**, 703-710
- 66 A Service-Oriented Architecture Framework for Cyber-Physical Systems. **2012**, 671-676 3
- 65 A CPS Design Mode of Scheduling Management for Hydro-Junction Project. **2012**, 509-519
- 64 Recent Trends in Management Technology of IT Risk. **2012**, 132, 187-190
- 63 A Context and Content Reflection on Business-IT Alignment Research. **2012**, 3, 21-37 4
- 62 Back Matter. **2013**, 979-1015
- 61 Cyber-Physical Ecosystems: App-Centric Software Ecosystems in Cyber-Physical Environments. **2014**, 141-147 1
- 60 Context-Aware Perception for Cyber-Physical Systems. *Studies in Computational Intelligence*, **2014**, 149-168 0
- 59 Introduction. **2015**, 1-9
- 58 Description of the Working Field. **2015**, 5-16
- 57 A Service-Oriented, Cyber-Physical Reference Model for Smart Grid. **2015**, 25-42 2
- 56 The Role of HCI in Cross-Sector Research on Grand Challenges. **2016**, 519-530 1
- 55 Safety-Critical, Dependable, and Fault-Tolerant Cyber-Physical Systems. **2018**, 54-78
- 54 Polymodel description and qualitative analysis of problems for measurement-computer operations planning in cyberphysical systems. **2018**, 16, 577-582 1
- 53 Agent-Oriented Methodologies for Developing Internet of Things Applications. **2018**, 30, 148-156
- 52 Cyber-Physical Energy Internet. **2019**, 27-60
- 51 Retrofitting for Energy Management. **2019**, 196-218
- 50 Suitability of OPC UA for distributed energy monitoring. **2019**, 13, 399-410 0

49	Application of Cyber-Physical System and Real-Time Control Construction Algorithm in Supply Chain Management Problem. <i>Studies in Computational Intelligence</i> , 2020 , 394-403	0.8	1
48	Adaptation in network control systems with hierarchical scheduling. 2019 , 13, 2775-2782		1
47	Systematic Approach to Education of Specialists for a New Technological Paradigm. 2020 , 643-650		1
46	Local Decision Making based on Distributed Digital Twin Framework. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10568-10573		1
45	Towards automated safety analysis for architectures of dynamically forming networks of cyber-physical systems. 2020 ,		1
44	Mutual recognition mechanism of legally significant e-documents and data in cross-border document flow. <i>Journal of Physics: Conference Series</i> , 2020 , 1703, 012011	0.3	1
43	Operating management of urban transport facilities within the concept of cyber-physical systems. <i>Informatization and Communication</i> , 2020 , 5, 51-58	0.1	
42	Cyber-Physical System Engineering Oriented Intelligent High Performance Simulation Cloud. <i>Simulation Foundations, Methods and Applications</i> , 2020 , 89-118	0.6	
41	Educational potential of a technical university and the digital economy. 2020 ,		
40	Improving security in industry 4.0 by extending OPC-UA with usage control. 2020 ,		1
39	A Three-Factor Mutual Authentication Scheme for Cyber-Physical Systems. 2020 ,		
38	An Analytics Toolbox for Cyber-Physical Systems Data Analysis: Requirements and Challenges. 2020 ,		
37	Collaborative Processing Using the Internet of Things for Post-Disaster Management. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 383-406	0.6	0
36	Production Process Interoperability for Cyber-Physical Production Systems. <i>IFAC-PapersOnLine</i> , 2021 , 54, 906-911	0.7	
35	A Review on Cloud Manufacturing Technologies of Industry 4.0. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2022 , 305-316	0.3	
34	Game Theory Approach for Communication Security and Safety Assurance in Cyber-physical Systems with Reputation and Trust-based Mechanisms.		
33	A survey of application research based on blockchain smart contract. <i>Wireless Networks</i> , 2022 , 28, 635	2.5	8
32	A framework for prototyping Distributed CyberPhysical Systems with reference nets. <i>Simulation Modelling Practice and Theory</i> , 2022 , 117, 102488	3.9	0

31	Drivers, barriers and impacts of digitalisation in rural areas from the viewpoint of experts. <i>Information and Software Technology</i> , 2022 , 145, 106816	3.4	5
30	Digital Safety in Rail Transport Basic Assumptions. <i>Springer Series in Reliability Engineering</i> , 2022 , 57-66	0.2	
29	Cyber-Physical System Adaptation in One Control Problem for Supply Chain. <i>Lecture Notes in Control and Information Sciences - Proceedings</i> , 2022 , 591-597	0.2	
28	Overview on Secure Payment Transaction Using Block Chain Method. <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 1-5	0.5	
27	Intelligent Cybernetic System Using Gestalt Processing. <i>Otkrytoe Obrazovanie (Moskva)</i> , 2021 , 25, 53-63	0.6	1
26	Research on security technology framework of UAV cluster system. 2021 ,		0
25	Control predictivo de sistemas ciberfísicos. <i>RIAI - Revista Iberoamericana De Automatica E Informatica Industrial</i> , 2021 , 19, 1-12	1.5	
24	Artificial Intelligence-Based Aircraft Accident Threat Parrying Method. <i>Proceedings of Telecommunication Universities</i> , 2021 , 7, 110-117	0.2	2
23	Decision-making system with homo and hetero elements. <i>Journal of Physics: Conference Series</i> , 2021 , 2131, 022120	0.3	
22	Facility Management Based on Integrated Information and Resource Modeling. <i>Lecture Notes in Civil Engineering</i> , 2022 , 153-161	0.3	
21	Situated Visualization of IIoT Data on the Hololens 2. 2022 ,		1
20	Multipoint Ecological Environment Monitoring System with Internet of Things. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-12	1.1	
19	Supply Chain Application of Blockchain-Based Solutions for Cyber-Physical Systems: Review and Prospects. <i>Studies in Computational Intelligence</i> , 2022 , 545-558	0.8	1
18	Decision-making system with different types of elements. <i>Vestnik of Astrakhan State Technical University</i> , 2022 , 2022, 57-62	0.1	
17	SafeSoCPS: A Composite Safety Analysis Approach for System of Cyber-Physical Systems. <i>Sensors</i> , 2022 , 22, 4474	3.8	0
16	Designing next-generation cyber-physical systems: Why is it an issue?. <i>Journal of Integrated Design and Process Science</i> , 2022 , 1-33	0.4	
15	Uncanny frontiers: Amazon in outer space. 2022 , 12, 181-185		
14	System Identification Methods for Industrial Control Systems. 2022 , 25-50		0

- 13 Optimal injection attack strategy for cyber-physical systems: a dynamic feedback approach. **2022**, 1, 2022005 ○
- 12 Bi-LSTM-based dynamic prediction model for pulling speed of Cz single-crystal furnace. 1-30 ○
- 11 Cyberology: Cyber-Physical-Social-Thinking Spaces based Discipline and Inter-discipline Hierarchy for Metaverse (General Cyberspace). **2022**, 1-1 ○
- 10 AI-readiness and production resilience: empirical evidence from German manufacturing in times of the Covid-19 pandemic. 1-22 2
- 9 Personal Assistant Supporting Diagnosis of Livestock Poisoning. **2022**, ○
- 8 Improve medical IoT based on DFC algorithm and machine learning. ○
- 7 Cyber-Physical Systems as Key Element to Industry 4.0: Characteristics, Applications and Related Technologies. 1-28 ○
- 6 Usage Control for Industrial Control System. **2023**, 191-207 ○
- 5 Artificial Intelligence as Dual-Use Technology. **2023**, 7-32 ○
- 4 Impact and Influence of Cyber-Physical Systems Research on Autonomous Aerospace Systems. **2023**, ○
- 3 Cyber-physical spare parts intralogistics system for aviation MRO. **2023**, 56, 101919 ○
- 2 Low-cost modular devices for on-road vehicle detection and characterisation. ○
- 1 Cyber threat intelligence for critical infrastructure security. ○