

Christos Emmanouilidis

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,272
citations

623188

14
h-index

433756

31
g-index

83
all docs

83
docs citations

83
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular production and maintenance of automotive parts: An Internet of Things (IoT) data framework and practice review. <i>Computers in Industry</i> , 2022, 136, 103593.	5.7	21
2	Generalised network architectures for environmental sensing: Case studies for a digitally enabled environment. <i>Array</i> , 2022, 14, 100168.	2.5	0
3	Development and application of a human-centric co-creation design method for AI-enabled systems in manufacturing. <i>IFAC-PapersOnLine</i> , 2022, 55, 516-521.	0.5	3
4	Human in the AI Loop in Production Environments. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 331-342.	0.5	5
5	Internet of Things for System Integrity: A Comprehensive Survey on Security, Attacks and Countermeasures for Industrial Applications. <i>Sensors</i> , 2021, 21, 3654.	2.1	59
6	Design of redistributed manufacturing networks: a model-based decision-making framework. <i>International Journal of Computer Integrated Manufacturing</i> , 2021, 34, 1011-1030.	2.9	4
7	Design of emergency response manufacturing networks: a decision-making framework. <i>Procedia CIRP</i> , 2021, 96, 151-156.	1.0	5
8	A decision-making framework for the design of local production networks under largescale disruptions. <i>Procedia Manufacturing</i> , 2021, 55, 393-400.	1.9	1
9	The productivity impact of the digitally connected 5 “layer stack in manufacturing enterprises. <i>Procedia CIRP</i> , 2021, 104, 342-350.	1.0	2
10	Perspectives from CO+RE: How COVID-19 changed our food systems and food security paradigms. <i>Current Research in Food Science</i> , 2020, 3, 166-172.	2.7	134
11	Cyber-physical systems for performance monitoring in production intralogistics. <i>Computers and Industrial Engineering</i> , 2020, 142, 106333.	3.4	38
12	Digital Technology Enablers for Resilient and Customer Driven Food Value Chains. <i>IFIP Advances in Information and Communication Technology</i> , 2020, , 649-657.	0.5	4
13	A Digital Maintenance Practice Framework for Circular Production of Automotive Parts. <i>IFAC-PapersOnLine</i> , 2020, 53, 19-24.	0.5	9
14	Ontology - based context resolution in internet of things enabled diagnostics. <i>IFAC-PapersOnLine</i> , 2020, 53, 251-256.	0.5	3
15	Change detection in streaming data analytics: A comparison of Bayesian online and martingale approaches. <i>IFAC-PapersOnLine</i> , 2020, 53, 336-341.	0.5	1
16	Context-Awareness in Internet of Things - Enabled Monitoring Services. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 889-896.	0.3	1
17	Intelligent Decision Support for Maintenance: A New Role for Audit Trails. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 396-403.	0.3	1
18	Reconfigurable Manufacturing Systems Characteristics in Digital Twin Context. <i>IFAC-PapersOnLine</i> , 2020, 53, 10585-10590.	0.5	6

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19	Context Ontology Development for Connected Maintenance Services. IFAC-PapersOnLine, 2020, 53, 10923-10928.	0.5	5
20	Ontology-Based Context Modeling in Physical Asset Integrity Management. Frontiers in Computer Science, 2020, 2, .	1.7	1
21	Online change detection techniques in time series: An overview. , 2019, , .		10
22	Redistributed manufacturing of spare parts: an agent-based modelling approach. Procedia CIRP, 2019, 81, 707-712.	1.0	8
23	Intelligent decision support for maintenance: an overview and future trends. International Journal of Computer Integrated Manufacturing, 2019, 32, 936-959.	2.9	45
24	A Design Approach to IoT Endpoint Security for Production Machinery Monitoring. Sensors, 2019, 19, 2355.	2.1	19
25	Enabling the human in the loop: Linked data and knowledge in industrial cyber-physical systems. Annual Reviews in Control, 2019, 47, 249-265.	4.4	81
26	An autonomous system for maintenance scheduling data-rich complex infrastructure: Fusing the railwaysâ€™ condition, planning and cost. Transportation Research Part C: Emerging Technologies, 2018, 89, 234-253.	3.9	44
27	A cost estimation approach for IoT modular architectures implementation in legacy systems. Procedia Manufacturing, 2018, 19, 103-110.	1.9	16
28	Internet of Things - Enabled Visual Analytics for Linked Maintenance and Product Lifecycle Management. IFAC-PapersOnLine, 2018, 51, 435-440.	0.5	8
29	Development of a Context-aware framework for the Integration of Internet of Things and Cloud Computing for Remote Monitoring Services. Procedia Manufacturing, 2018, 16, 31-38.	1.9	13
30	Knowledge Management to Support Learning Analytics in Higher Education. , 2018, , .		2
31	Editorial: August Special Issue on Advanced Maintenance Engineering, Services, and Technology (AMEST). Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2018, 232, 337-339.	0.6	0
32	An Industry 4.0-Enabled Low Cost Predictive Maintenance Approach for SMEs. , 2018, , .		43
33	Performance Measurement in Sensorized Sociotechnical Manufacturing Environments. IFIP Advances in Information and Communication Technology, 2018, , 263-268.	0.5	2
34	Data analytics and production efficiency evaluation on a flexible manufacturing cell. , 2018, , .		3
35	New Threats for Old Manufacturing Problems: Secure IoT-Enabled Monitoring of Legacy Production Machinery. IFIP Advances in Information and Communication Technology, 2017, , 391-398.	0.5	5
36	Context-based and human-centred information fusion in diagnostics. IFAC-PapersOnLine, 2016, 49, 220-225.	0.5	8

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37	Management of linked knowledge in industrial maintenance. Industrial Management and Data Systems, 2016, 116, 1741-1758.	2.2	10
38	Current trends on ICT technologies for enterprise information systems. Computers in Industry, 2016, 79, 14-33.	5.7	118
39	The Use of Mobile Technologies and Their Economic Benefits in Maintenance. Lecture Notes in Mechanical Engineering, 2016, , 113-119.	0.3	4
40	Wireless Condition Monitoring Integrating Smart Computing and Optical Sensor Technologies. Lecture Notes in Mechanical Engineering, 2015, , 1389-1400.	0.3	2
41	Embedded event detection for self-aware and safer assets. IFAC-PapersOnLine, 2015, 48, 802-807.	0.5	8
42	Autonomous Robot Path Planning Techniques Using Cellular Automata. Emergence, Complexity and Computation, 2015, , 175-196.	0.2	2
43	Place categorization through object classification. , 2014, , .		1
44	Social mapping on RGB-D scenes. , 2014, , .		2
45	Cross-mapping of regional research and production landscapes: Methodological issues and implications for elaborating regional innovation strategies. , 2014, , .		1
46	Optimizing E-Maintenance Through Intelligent Data Processing Systems. Lecture Notes in Mechanical Engineering, 2014, , 1-9.	0.3	1
47	myVisitPlanner GR: Personalized Itinerary Planning System for Tourism. Lecture Notes in Computer Science, 2014, , 615-629.	1.0	11
48	Mobile Personalised Support in Industrial Environments: Coupling Learning with Context - Aware Features. Lecture Notes in Computer Science, 2014, , 298-306.	1.0	5
49	Advances in Production Management Systems. Competitive Manufacturing for Innovative Products and Services. IFIP Advances in Information and Communication Technology, 2013, , .	0.5	3
50	Efficient representation and feature extraction for neural network-based 3D object pose estimation. Neurocomputing, 2013, 120, 90-100.	3.5	10
51	Mobile guides: Taxonomy of architectures, context awareness, technologies and applications. Journal of Network and Computer Applications, 2013, 36, 103-125.	5.8	125
52	Competencies development and self-assessment in maintenance management e-training. European Journal of Engineering Education, 2013, 38, 497-511.	1.5	9
53	Wireless Sensor Network Technologies for Condition Monitoring of Industrial Assets. IFIP Advances in Information and Communication Technology, 2013, , 33-40.	0.5	12
54	Physical Asset Management Practices in Industry: Comparisons between Greece and Other EU Countries. IFIP Advances in Information and Communication Technology, 2013, , 509-516.	0.5	11

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55	Context Aware E-Support in E-Maintenance. IFIP Advances in Information and Communication Technology, 2013, , 574-581.	0.5	1
56	A Bayesian Approach for Maintenance Action Recommendation. International Journal of Prognostics and Health Management, 2013, 4, .	0.6	3
57	Developing Advanced Context Aware Tools for Mobile Maintenance. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 133-138.	0.4	2
58	E-Learning and Context Aware e-Support Software for Maintenance. Journal of Physics: Conference Series, 2012, 364, 012110.	0.3	3
59	A layered e-maintenance architecture powered by smart wireless monitoring components. , 2012, , .		16
60	e-Maintenance: trends, challenges and opportunities for modern industry. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 453-458.	0.4	15
61	Competencies in maintenance management: The iLearn2Main tools for training and competence assessment. , 2011, , .		2
62	Maintenance Management e-Training: What we Learn from the Users. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 36-41.	0.4	2
63	Economical and technological prospects for e-maintenance. International Journal of Systems Assurance Engineering and Management, 2010, 1, 201-209.	1.5	10
64	Wireless Condition Monitoring and Embedded Novelty Detection. Engineering Asset Management Review, 2010, , 195-238.	0.1	9
65	E-training in Maintenance. , 2010, , 475-506.		1
66	Wireless Communication. , 2010, , 247-272.		1
67	Mobile Devices and Services. , 2010, , 227-246.		1
68	e-Learning in Maintenance Management Training and Competence Assessment: Development and Demonstration. , 2010, , 892-901.		0
69	Integrated E-maintenance and Intelligent Maintenance Systems. , 2009, , 499-544.		19
70	Development and Evaluation of Text Localization Techniques Based on Structural Texture Features and Neural Classifiers. , 2009, , .		13
71	Mobile solutions for engineering asset and maintenance management. Journal of Quality in Maintenance Engineering, 2009, 15, 92-105.	1.0	45
72	Decision-Support System for the Rehabilitation of Deteriorating Sewers. Journal of Performance of Constructed Facilities, 2007, 21, 240-248.	1.0	13

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73	Flexible software for condition monitoring, incorporating novelty detection and diagnostics. Computers in Industry, 2006, 57, 516-527.	5.7	27
74	Above-ground storage tank inspection using the "Robot Inspector"™. Insight: Non-Destructive Testing and Condition Monitoring, 2005, 47, 705-708.	0.3	4
75	Selecting features in neurofuzzy modelling by multiobjective genetic algorithms. , 1999, , .		15
76	Identification and control of anaerobic digesters using adaptive, on-line trained neural networks. Computers and Chemical Engineering, 1997, 21, 113-143.	2.0	26
77	Multiple-criteria genetic algorithms for feature selection in neuro-fuzzy modeling. , 0, , .		14
78	A multiobjective evolutionary setting for feature selection and a commonality-based crossover operator. , 0, , .		69