

Wael Mohammed Mahmoud Mohammed

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

405
citations

1477746

6
h-index

1588620

8
g-index

31
all docs

31
docs citations

31
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-Physical Systems for Open-Knowledge-Driven Manufacturing Execution Systems. Proceedings of the IEEE, 2016, 104, 1142-1154.	16.4	103
2	Towards "Lean Industry 4.0" Current trends and future perspectives. Cogent Business and Management, 2020, 7, 1781995.	1.3	72
3	Emotion-Driven Analysis and Control of Human-Robot Interactions in Collaborative Applications. Sensors, 2021, 21, 4626.	2.1	30
4	Generic platform for manufacturing execution system functions in knowledge-driven manufacturing systems. International Journal of Computer Integrated Manufacturing, 2018, 31, 262-274.	2.9	28
5	Implementing and Visualizing ISO 22400 Key Performance Indicators for Monitoring Discrete Manufacturing Systems. Machines, 2018, 6, 39.	1.2	28
6	Including human tasks as semantic resources in manufacturing ontology models. , 2017, , .		16
7	Connecting web-based IoT devices to a cloud-based manufacturing platform. , 2017, , .		14
8	Towards the Adoption of Cyber-Physical Systems of Systems Paradigm in Smart Manufacturing Environments. , 2018, , .		14
9	Implementing a Human-Robot Collaborative Assembly Workstation. , 2019, , .		14
10	A web-based simulator for a discrete manufacturing system. , 2016, , .		11
11	On-line Training and Monitoring of Robot Tasks through Virtual Reality. , 2019, , .		10
12	An Approach for adapting a Cobot Workstation to Human Operator within a Deep Learning Camera. , 2019, , .		8
13	Energy-Based Prognostics for Gradual Loss of Conveyor Belt Tension in Discrete Manufacturing Systems. Energies, 2022, 15, 4705.	1.6	8
14	A multi-agent approach for processing industrial enterprise data. , 2017, , .		7
15	Comparing ontologies and databases: a critical review of lifecycle engineering models in manufacturing. Knowledge and Information Systems, 2021, 63, 1271-1304.	2.1	6
16	An approach for implementing key performance indicators of a discrete manufacturing simulator based on the ISO 22400 standard. , 2018, , .		5
17	Supporting a Cloud Platform with Streams of Factory Shop Floor Data in the Context of the Industry 4.0. , 2018, , .		4
18	A solution for processing supply chain events within ontology-based descriptions. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Configuring and visualizing the data resources in a cloud-based data collection framework. , 2017, , .		3
20	Processing mobility traces for activity recognition in smart cities. , 2017, , .		3
21	Legacy systems interactions with the supply chain through the C2NET cloud-based platform. , 2017, , .		3
22	Providing an access control layer to web-based applications for the industrial domain. , 2017, , .		3
23	FASTory digital twin data. Data in Brief, 2021, 35, 106912.	0.5	3
24	An approach to production scheduling optimization a case of an oil lubrication and hydraulic systems manufacturer. , 2017, , .		2
25	An Approach for Modeling Grasping Configuration Using Ontology-based Taxonomy. , 2020, , .		2
26	Training an Under-actuated Gripper for Grasping Shallow Objects Using Reinforcement Learning. , 2020, , .		2
27	Development of a mobile application for the C2NET supply chain cloud-based platform. , 2017, , .		1
28	Deformable Objects Grasping and Shape Detection with Tactile Fingers and Industrial Grippers. , 2021, , .		1
29	Exemplifying the Potentials of Web Standards for Automation Control in Manufacturing Systems. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	1
30	A Framework for Data Collection, Transformation and Processing in Industrial Systems. , 2018, , .		0
31	A Semantic Workbench for Editing, Querying, Navigating and Distributing Ontologies for Cognitive Manufacturing. , 2019, , .		0