AndrÃ© Thomas

List of Publications by Year
in descending order

28	558	687363 13	642732 23
papers	citations	h-index	g-index

30	30	30	509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digital transformation of manufacturing through cloud services and resource virtualization. Computers in Industry, 2019, 108, 150-162.	9.9	120
2	Coupling predictive scheduling and reactive control in manufacturing hybrid control architectures: state of the art and future challenges. Journal of Intelligent Manufacturing, 2017, 28, 1503-1517.	7.3	70
3	Reducing simulation models for scheduling manufacturing facilities. European Journal of Operational Research, 2005, 161, 111-125.	5.7	41
4	Future Industrial Systems: Best Practices of the Intelligent Manufacturing and Services Systems (IMS2) French Research Group. IEEE Transactions on Industrial Informatics, 2017, 13, 704-713.	11.3	36
5	Group fuzzy AHP approach to embed relevant data on â€œcommunicating materialâ€• Computers in Industry, 2014, 65, 675-692.	9.9	24
6	A reactive decision-making approach to reduce instability in a master production schedule. International Journal of Production Research, 2016, 54, 2394-2404.	7.5	24
7	Intelligent distributed production control. Journal of Intelligent Manufacturing, 2012, 23, 2507-2512.	7.3	21
8	Another interpretation of stigmergy for product-driven systems architecture. Journal of Intelligent Manufacturing, 2012, 23, 2587-2599.	7.3	17
9	Embedding data on â€œcommunicating materialsâ€•from context-sensitive information analysis. Journal of Intelligent Manufacturing, 2014, 25, 1053-1064.	7.3	17
10	Using a classifier ensemble for proactive quality monitoring and control: The impact of the choice of classifiers types, selection criterion, and fusion process. Computers in Industry, 2018, 99, 193-204.	9.9	16
11	USEE: A uniform data dissemination and energy efficient protocol for communicating materials. Future Generation Computer Systems, 2016, 56, 651-663.	7.5	15
12	CoMM: a consensus algorithm for multi-agent-based manufacturing system to deal with perturbation. International Journal of Advanced Manufacturing Technology, 2019, 105, 3911-3926.	3.0	15
13	Non-localized and localized data storage in large-scale communicating materials: Probabilistic and hop-counter approaches. Computer Standards and Interfaces, 2016, 44, 243-257.	5.4	12
14	End-of-Life Information Sharing for a Circular Economy: Existing Literature and Research Opportunities. Studies in Computational Intelligence, 2016, , 41-50.	0.9	10
15	Reconfiguration process for neuronal classification models: Application to a quality monitoring problem. Computers in Industry, 2016, 83, 78-91.	9.9	10
16	Method for embedding context-sensitive information on â€œcommunicating textilesâ€•via fuzzy AHP. Journal of Intelligent and Fuzzy Systems, 2014, 26, 597-610.	1.4	7
17	Holonic and multi-agent technologies for service and computing oriented manufacturing. Journal of Intelligent Manufacturing, 2017, 28, 1501-1502.	7.3	7
18	In-network data storage protocols for wireless sensor networks: A state-of-the-art survey. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983248.	2.2	6

#	Article	IF	Citations
19	Architecture de systÃ¨mes contrÃ1Ã©s par le produit pour un environnement de juste Ã temps. Journal Europeen Des Systemes Automatises, 2009, 43, 513-535.	0.4	6
20	A product-driven system approach for multilevel decisions in manufacturing planning and control. Production and Manufacturing Research, 2014, 2, 756-766.	1.5	5
21	RaWPG: A Data Retrieval Protocol in Micro-Sensor Networks Based on Random Walk and Pull Gossip for Communicating Materials. IEEE Internet of Things Journal, 2017, 4, 414-426.	8.7	3
22	Data Lifecycle Management in Smart Building using Wireless Sensors Networks. IFAC-PapersOnLine, 2017, 50, 12944-12949.	0.9	3
23	Situation Awareness in Product Lifecycle Information Systems. Studies in Computational Intelligence, 2018, , 127-136.	0.9	3
24	Variance Sensitivity Analysis of Parameters for Pruning of a Multilayer Perceptron: Application to a Sawmill Supply Chain Simulation Model. Advances in Artificial Neural Systems, 2013, 2013, 1-17.	1.0	2
25	New Communicating Concrete for Data Storage and Retrieval through Integrated Micro Sensor Nodes. , 2016, , .		2
26	Wireless Sensors Networks as Black-Box Recorder for Fast Flight Data Recovery during Aircraft Crash Investigation. IFAC-PapersOnLine, 2017, 50, 814-819.	0.9	2
27	Communicating Aircraft Structure for Solving Black-Box Loss on Ocean Crash. Studies in Computational Intelligence, 2018, , 79-92.	0.9	2
28	A Negotiation-based control approach for disturbed industrial context. IFAC-PapersOnLine, 2018, 51, 1255-1260.	0.9	2