

Saber Darmoul

List of Publications by Year in descending order

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44
papers

557
citations

759055

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45
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45
docs citations

45
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault detection, diagnosis and recovery using Artificial Immune Systems: A review. Engineering Applications of Artificial Intelligence, 2015, 46, 43-57.	4.3	82
2	Development of a virtual manufacturing assembly simulation system. Advances in Mechanical Engineering, 2016, 8, 168781401663982.	0.8	55
3	Handling disruptions in manufacturing systems: An immune perspective. Engineering Applications of Artificial Intelligence, 2013, 26, 110-121.	4.3	39
4	Multi-agent immune networks to control interrupted flow at signalized intersections. Transportation Research Part C: Emerging Technologies, 2017, 82, 290-313.	3.9	37
5	Intelligent Public Transportation Systems: A review of architectures and enabling technologies. , 2013, , .		30
6	Using immune designed ontologies to monitor disruptions in manufacturing systems. Computers in Industry, 2016, 81, 67-81.	5.7	27
7	An artificial immune network to control interrupted flow at a signalized intersection. Information Sciences, 2018, 433-434, 70-95.	4.0	21
8	An ontology-based multi-criteria decision support system to reconfigure manufacturing systems. IISE Transactions, 2020, 52, 18-42.	1.6	21
9	Artificial immunity to control disturbances in public transportation systems: Concepts, mechanisms and a prototype implementation of a knowledge based decision support system. Knowledge-Based Systems, 2014, 68, 58-76.	4.0	20
10	Scheduling Using Artificial Immune System Metaphors: A Review. , 2006, , .		17
11	A Case-Based Reasoning System to Control Traffic at Signalized Intersections. IFAC-PapersOnLine, 2016, 49, 149-154.	0.5	17
12	Multi-agent preemptive longest queue first system to manage the crossing of emergency vehicles at interrupted intersections. European Transport Research Review, 2018, 10, .	2.3	17
13	Haptics Assisted Virtual Assembly. IFAC-PapersOnLine, 2015, 48, 100-105.	0.5	16
14	Rapid Prototyping for Assembly Training and Validation. IFAC-PapersOnLine, 2015, 48, 412-417.	0.5	16
15	Virtual Assembly of an Airplane Turbine Engine. IFAC-PapersOnLine, 2015, 48, 1726-1731.	0.5	12
16	Design and simulation based validation of the control architecture of a stacker crane based on an innovative wire-driven robot. Robotics and Computer-Integrated Manufacturing, 2017, 44, 117-128.	6.1	11
17	An immune memory inspired case-based reasoning system to control interrupted flow at a signalized intersection. Artificial Intelligence Review, 2019, 52, 2099-2129.	9.7	11
18	Using ontologies to capture and structure knowledge about disruptions in manufacturing systems: An immune driven approach. , 2011, , .		10

#	ARTICLE	IF	CITATIONS
19	A survey of simulation platforms for the assessment of public transport control systems. , 2014, , .		9
20	Interruption Management in Human Multitasking Environments. IFAC-PapersOnLine, 2015, 48, 1179-1185.	0.5	9
21	Virtual reality for manufacturing: A robotic cell case study. , 2015, , .		7
22	Semi-Immersive Virtual Turbine Engine Simulation System. International Journal of Turbo and Jet Engines, 2018, 35, 149-160.	0.3	7
23	An immune network based distributed architecture to control public bus transportation systems. Swarm and Evolutionary Computation, 2019, 50, 100478.	4.5	7
24	A Multi-Criteria Decision Framework Considering Different Levels of Decision-Maker Involvement to Reconfigure Manufacturing Systems. Machines, 2020, 8, 8.	1.2	6
25	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. International Journal of Shipping and Transport Logistics, 2016, 8, 509.	0.2	5
26	An information model to support reconfiguration of manufacturing systems. IFAC-PapersOnLine, 2016, 49, 37-42.	0.5	5
27	An Immune Memory and Negative Selection Based Decision Support System to Monitor and Control Public Bus Transportation Systems. IFAC-PapersOnLine, 2016, 49, 143-148.	0.5	5
28	An immune multiagent system to monitor and control public bus transportation systems. Computational Intelligence, 2018, 34, 1245-1276.	2.1	5
29	An Immune Based Ontology Implementation of Hazard and Operability Analysis in Production Systems. Applied Mechanics and Materials, 0, 575, 884-894.	0.2	4
30	Reconfiguring Manufacturing Systems using an Analytic Hierarchy Process with strategic and operational indicators. , 2015, , .		4
31	TOPSIS based multi-criteria reconfiguration of manufacturing systems considering operational and ergonomic indicators. , 2017, , .		4
32	Engineering Technology Education Based on the Reconfigurable Manufacturing Paradigm: A Case Study. Procedia Manufacturing, 2018, 23, 87-92.	1.9	4
33	Intelligent product quality control and defect detection: A case study. , 2018, , .		4
34	A new framework for the computer modelling and simulation of car driver behavior. Simulation, 2018, 94, 1081-1097.	1.1	2
35	Distributed Maintenance: A Literature Analysis and Classification. IFAC-PapersOnLine, 2019, 52, 619-624.	0.5	2
36	A combined multitasking performance measure involving sequential and parallel task executions. Cognition, Technology and Work, 2021, 23, 131-142.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Integration of Immune Features into a Belief-Desire-Intention Model for Multi-agent Control of Public Transportation Systems. Lecture Notes in Computer Science, 2017, , 459-470.	1.0	2
38	Ontology based performance evaluation of public transport systems. , 2015, , .		1
39	Towards integrating artificial immunity features in case-based reasoning to address quality issues in manufacturing systems. , 2017, , .		1
40	Knowledge-based disturbance propagation in manufacturing systems: A case study. , 2018, , .		1
41	An Ontology Based Benchmarking Platform for Public Transportation Control Systems. IFAC-PapersOnLine, 2015, 48, 161-167.	0.5	0
42	An immune designed ontology to specify requirements and recommend layout solutions. , 2018, , .		0
43	Syntactic and semantic measures to evaluate similarity of risk scenarios in manufacturing systems. , 2019, , .		0
44	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. International Journal of Shipping and Transport Logistics, 2016, 8, 509.	0.2	0