

# Saber Darmoul

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

557  
citations

759055

12  
h-index

713332

21  
g-index

45  
all docs

45  
docs citations

45  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	A combined multitasking performance measure involving sequential and parallel task executions. <i>Cognition, Technology and Work</i> , 2021, 23, 131-142.	1.7	2
2	An ontology-based multi-criteria decision support system to reconfigure manufacturing systems. <i>IISE Transactions</i> , 2020, 52, 18-42.	1.6	21
3	A Multi-Criteria Decision Framework Considering Different Levels of Decision-Maker Involvement to Reconfigure Manufacturing Systems. <i>Machines</i> , 2020, 8, 8.	1.2	6
4	Syntactic and semantic measures to evaluate similarity of risk scenarios in manufacturing systems. , 2019, , .		0
5	Distributed Maintenance: A Literature Analysis and Classification. <i>IFAC-PapersOnLine</i> , 2019, 52, 619-624.	0.5	2
6	An immune network based distributed architecture to control public bus transportation systems. <i>Swarm and Evolutionary Computation</i> , 2019, 50, 100478.	4.5	7
7	An immune memory inspired case-based reasoning system to control interrupted flow at a signalized intersection. <i>Artificial Intelligence Review</i> , 2019, 52, 2099-2129.	9.7	11
8	A new framework for the computer modelling and simulation of car driver behavior. <i>Simulation</i> , 2018, 94, 1081-1097.	1.1	2
9	An artificial immune network to control interrupted flow at a signalized intersection. <i>Information Sciences</i> , 2018, 433-434, 70-95.	4.0	21
10	Semi-Immersive Virtual Turbine Engine Simulation System. <i>International Journal of Turbo and Jet Engines</i> , 2018, 35, 149-160.	0.3	7
11	Multi-agent preemptive longest queue first system to manage the crossing of emergency vehicles at interrupted intersections. <i>European Transport Research Review</i> , 2018, 10, .	2.3	17
12	Engineering Technology Education Based on the Reconfigurable Manufacturing Paradigm: A Case Study. <i>Procedia Manufacturing</i> , 2018, 23, 87-92.	1.9	4
13	An immune designed ontology to specify requirements and recommend layout solutions. , 2018, , .		0
14	Intelligent product quality control and defect detection: A case study. , 2018, , .		4
15	Knowledge-based disturbance propagation in manufacturing systems: A case study. , 2018, , .		1
16	An immune multiagent system to monitor and control public bus transportation systems. <i>Computational Intelligence</i> , 2018, 34, 1245-1276.	2.1	5
17	Multi-agent immune networks to control interrupted flow at signalized intersections. <i>Transportation Research Part C: Emerging Technologies</i> , 2017, 82, 290-313.	3.9	37
18	Towards integrating artificial immunity features in case-based reasoning to address quality issues in manufacturing systems. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Design and simulation based validation of the control architecture of a stacker crane based on an innovative wire-driven robot. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017, 44, 117-128.	6.1	11
20	TOPSIS based multi-criteria reconfiguration of manufacturing systems considering operational and ergonomic indicators. , 2017, , .		4
21	Integration of Immune Features into a Belief-Desire-Intention Model for Multi-agent Control of Public Transportation Systems. <i>Lecture Notes in Computer Science</i> , 2017, , 459-470.	1.0	2
22	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. <i>International Journal of Shipping and Transport Logistics</i> , 2016, 8, 509.	0.2	5
23	An information model to support reconfiguration of manufacturing systems. <i>IFAC-PapersOnLine</i> , 2016, 49, 37-42.	0.5	5
24	An Immune Memory and Negative Selection Based Decision Support System to Monitor and Control Public Bus Transportation Systems. <i>IFAC-PapersOnLine</i> , 2016, 49, 143-148.	0.5	5
25	A Case-Based Reasoning System to Control Traffic at Signalized Intersections. <i>IFAC-PapersOnLine</i> , 2016, 49, 149-154.	0.5	17
26	Development of a virtual manufacturing assembly simulation system. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401663982.	0.8	55
27	Using immune designed ontologies to monitor disruptions in manufacturing systems. <i>Computers in Industry</i> , 2016, 81, 67-81.	5.7	27
28	Assessment of public transport control systems: a comparative analysis of platforms and a new platform architecture. <i>International Journal of Shipping and Transport Logistics</i> , 2016, 8, 509.	0.2	0
29	Interruption Management in Human Multitasking Environments. <i>IFAC-PapersOnLine</i> , 2015, 48, 1179-1185.	0.5	9
30	Haptics Assisted Virtual Assembly. <i>IFAC-PapersOnLine</i> , 2015, 48, 100-105.	0.5	16
31	Virtual reality for manufacturing: A robotic cell case study. , 2015, , .		7
32	Reconfiguring Manufacturing Systems using an Analytic Hierarchy Process with strategic and operational indicators. , 2015, , .		4
33	Rapid Prototyping for Assembly Training and Validation. <i>IFAC-PapersOnLine</i> , 2015, 48, 412-417.	0.5	16
34	Ontology based performance evaluation of public transport systems. , 2015, , .		1
35	An Ontology Based Benchmarking Platform for Public Transportation Control Systems. <i>IFAC-PapersOnLine</i> , 2015, 48, 161-167.	0.5	0
36	Fault detection, diagnosis and recovery using Artificial Immune Systems: A review. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 46, 43-57.	4.3	82

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37	Virtual Assembly of an Airplane Turbine Engine. IFAC-PapersOnLine, 2015, 48, 1726-1731.	0.5	12
38	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
39	A survey of simulation platforms for the assessment of public transport control systems. , 2014, , .		9
40	Handling disruptions in manufacturing systems: An immune perspective. Engineering Applications of Artificial Intelligence, 2013, 26, 110-121.	4.3	39
41	Intelligent Public Transportation Systems: A review of architectures and enabling technologies. , 2013, , .		30
42	Using ontologies to capture and structure knowledge about disruptions in manufacturing systems: An immune driven approach. , 2011, , .		10
43	Scheduling Using Artificial Immune System Metaphors: A Review. , 2006, , .		17
44	An Immune Based Ontology Implementation of Hazard and Operability Analysis in Production Systems. Applied Mechanics and Materials, 0, 575, 884-894.	0.2	4