

Jeffrey W Herrmann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

655
citations

8
h-index

25
g-index

26
ext. papers

763
ext. citations

2.4
avg, IF

3.83
L-index

#	Paper	IF	Citations
23	Modeling dependent series systems with q-Weibull distribution and Clayton copula. <i>Applied Mathematical Modelling</i> , 2021 , 94, 117-138	4.5	1
22	Simulating cardiac arrest events to evaluate novel emergency response systems. <i>IIEE Transactions on Healthcare Systems Engineering</i> , 2021 , 11, 38-50	1.3	1
21	Communication-Aware Multi-Agent Metareasoning for Decentralized Task Allocation. <i>IEEE Access</i> , 2021 , 9, 98712-98730	3.5	3
20	Computer simulation of the effectiveness of novel cardiac arrest response systems. <i>Resuscitation Plus</i> , 2021 , 7, 100153	1.4	0
19	Experimental Comparison of Decentralized Task Allocation Algorithms Under Imperfect Communication. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 572-579	4.2	8
18	Non-Convex Feasibility Robust Optimization Via Scenario Generation and Local Refinement. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142,	3	2
17	Metareasoning Structures, Problems, and Modes for Multiagent Systems: A Survey. <i>IEEE Access</i> , 2020 , 8, 183080-183089	3.5	
16	Changes in motor performance and mental workload during practice of reaching movements: a team dynamics perspective. <i>Experimental Brain Research</i> , 2018 , 236, 433-451	2.3	7
15	Risk-Based Path Planning Optimization Methods for Unmanned Aerial Vehicles Over Inhabited Areas ¹ . <i>Journal of Computing and Information Science in Engineering</i> , 2016 , 16,	2.4	14
14	Predicting the Performance of a Design Team Using a Markov Chain Model. <i>IEEE Transactions on Engineering Management</i> , 2015 , 62, 507-516	2.6	4
13	A simulation-based approach to determine the evaluation adequacy of system-of-systems operational test configurations. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2015 , 229, 46-51	0.8	
12	Planning, tracking, and projecting reliability growth a Bayesian approach 2012 ,		3
11	Finding optimally balanced words for production planning and maintenance scheduling. <i>IIE Transactions</i> , 2012 , 44, 215-229		5
10	Using aggregation to construct periodic policies for routing jobs to parallel servers with deterministic service times. <i>Journal of Scheduling</i> , 2012 , 15, 181-192	1.6	
9	The single-day surgery scheduling problem: sequential decision-making and threshold-based heuristics. <i>OR Spectrum</i> , 2012 , 34, 429-459	1.9	25
8	Using aggregation to reduce response time variability in cyclic fair sequences. <i>Journal of Scheduling</i> , 2011 , 14, 39-55	1.6	11
7	A reliability as an independent variable (RAIV) methodology for optimizing test planning for liquid rocket engines. <i>CEAS Space Journal</i> , 2011 , 2, 17-30	1.2	1

6	A stochastic dynamic program for the single-day surgery scheduling problem. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2011 , 1, 213-225		13
5	A Conceptual Design Tool for Resolving Conflicts Between Product Functionality and Environmental Impact. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2010 , 132,	3	23
4	GLOBAL JOB SHOP SCHEDULING WITH A GENETIC ALGORITHM. <i>Production and Operations Management</i> , 2009 , 4, 30-45	3.6	28
3	Optimal Utilization of Test Facilities to Replicate Operational Environments. <i>Journal of the IEST</i> , 2008 , 51, 10-19	0.2	
2	Rescheduling Manufacturing Systems: A Framework of Strategies, Policies, and Methods. <i>Journal of Scheduling</i> , 2003 , 6, 39-62	1.6	503
1	Setting thresholds for periodic order release. <i>Journal of Intelligent Manufacturing</i> , 1997 , 8, 369-383	6.7	1