

Jeffrey W Herrmann

List of Publications by Year in descending order

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26
papers

900
citations

1170033

9
h-index

843174

20
g-index

26
all docs

26
docs citations

26
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying User Surveys and Accelerated Tests Data to Estimate Reliability of New Consumer Products Using a Discrete Life Distribution Model. IEEE Access, 2022, 10, 73847-73856.	2.6	0
2	Simulating cardiac arrest events to evaluate novel emergency response systems. IIEE Transactions on Healthcare Systems Engineering, 2021, 11, 38-50.	1.2	6
3	Communication-Aware Multi-Agent Metareasoning for Decentralized Task Allocation. IEEE Access, 2021, 9, 98712-98730.	2.6	15
4	Modeling dependent series systems with q-Weibull distribution and Clayton copula. Applied Mathematical Modelling, 2021, 94, 117-138.	2.2	3
5	Computer simulation of the effectiveness of novel cardiac arrest response systems. Resuscitation Plus, 2021, 7, 100153.	0.6	11
6	Decentralized Task Allocation in Multi-Agent Systems Using a Decentralized Genetic Algorithm. , 2020, , .		24
7	Metareasoning Structures, Problems, and Modes for Multiagent Systems: A Survey. IEEE Access, 2020, 8, 183080-183089.	2.6	3
8	Experimental Comparison of Decentralized Task Allocation Algorithms Under Imperfect Communication. IEEE Robotics and Automation Letters, 2020, 5, 572-579.	3.3	25
9	Non-Convex Feasibility Robust Optimization Via Scenario Generation and Local Refinement. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	1.7	4
10	Changes in motor performance and mental workload during a practice of reaching movements: a team dynamics perspective. Experimental Brain Research, 2018, 236, 433-451.	0.7	7
11	Risk-Based Path Planning Optimization Methods for Unmanned Aerial Vehicles Over Inhabited Areas I. Journal of Computing and Information Science in Engineering, 2016, 16, .	1.7	21
12	A simulation-based approach to determine the evaluation adequacy of system-of-systems operational test configurations. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2015, 229, 46-51.	0.6	0
13	Predicting the Performance of a Design Team Using a Markov Chain Model. IEEE Transactions on Engineering Management, 2015, 62, 507-516.	2.4	4
14	Sample allocation for multiple attribute selection problems. , 2014, , .		0
15	Planning, tracking, and projecting reliability growth a Bayesian approach. , 2012, , .		3
16	Finding optimally balanced words for production planning and maintenance scheduling. IIEE Transactions, 2012, 44, 215-229.	2.1	5
17	Using aggregation to construct periodic policies for routing jobs to parallel servers with deterministic service times. Journal of Scheduling, 2012, 15, 181-192.	1.3	0
18	The single-day surgery scheduling problem: sequential decision-making and threshold-based heuristics. OR Spectrum, 2012, 34, 429-459.	2.1	28

#	ARTICLE	IF	CITATIONS
19	A stochastic dynamic program for the single-day surgery scheduling problem. IIE Transactions on Healthcare Systems Engineering, 2011, 1, 213-225.	0.8	14
20	Using aggregation to reduce response time variability in cyclic fair sequences. Journal of Scheduling, 2011, 14, 39-55.	1.3	12
21	A reliability as an independent variable (RAIV) methodology for optimizing test planning for liquid rocket engines. CEAS Space Journal, 2011, 2, 17-30.	1.1	1
22	A Conceptual Design Tool for Resolving Conflicts Between Product Functionality and Environmental Impact. Journal of Mechanical Design, Transactions of the ASME, 2010, 132, .	1.7	30
23	Optimal Utilization of Test Facilities to Replicate Operational Environments. Journal of the IEST, 2008, 51, 10-19.	0.2	1
24	Rescheduling Manufacturing Systems: A Framework of Strategies, Policies, and Methods. Journal of Scheduling, 2003, 6, 39-62.	1.3	647
25	Setting thresholds for periodic order release. Journal of Intelligent Manufacturing, 1997, 8, 369-383.	4.4	2
26	GLOBAL JOB SHOP SCHEDULING WITH A GENETIC ALGORITHM. Production and Operations Management, 1995, 4, 30-45.	2.1	34