

Jeffrey W Herrmann

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,155
citations

1051969

10
h-index

759306

22
g-index

31
all docs

31
docs citations

31
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Task Allocation in Multi-Agent Systems Using a Decentralized Genetic Algorithm. , 2020, , .		24
2	Metareasoning Structures, Problems, and Modes for Multiagent Systems: A Survey. IEEE Access, 2020, 8, 183080-183089.	2.6	3
3	Experimental Comparison of Decentralized Task Allocation Algorithms Under Imperfect Communication. IEEE Robotics and Automation Letters, 2020, 5, 572-579.	3.3	25
4	Design problem decomposition: an empirical study of small teams of facility designers. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2019, 30, 161-185.	1.2	5
5	Evaluating Clustering Algorithms for Identifying Design Subproblems. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	1.7	4
6	Identification of Subproblems in Complex Design Problems: A Study of Facility Design. , 2016, , .		3
7	A liquid rocket engine conceptual design tradeoff methodology using an a priori articulation of preference information with epistemic uncertainty. , 2015, , .		0
8	Predicting the Performance of a Design Team Using a Markov Chain Model. IEEE Transactions on Engineering Management, 2015, 62, 507-516.	2.4	4
9	Planning and Managing Mass Prophylaxis Clinic Operations. Profiles in Operations Research, 2013, , 319-348.	0.3	2
10	Using Operations Research Methods for Homeland Security Problems. Profiles in Operations Research, 2013, , 1-24.	0.3	3
11	Planning, tracking, and projecting reliability growth a Bayesian approach. , 2012, , .		3
12	Finding optimally balanced words for production planning and maintenance scheduling. IIE Transactions, 2012, 44, 215-229.	2.1	5
13	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
14	Using aggregation to reduce response time variability in cyclic fair sequences. Journal of Scheduling, 2011, 14, 39-55.	1.3	12
15	Reliability as an Independent Variable Applied to Liquid Rocket Engine Hot Fire Test Plans. Journal of Propulsion and Power, 2011, 27, 1032-1044.	1.3	9
16	Progressive Design Processes and Bounded Rational Designers. Journal of Mechanical Design, Transactions of the ASME, 2010, 132, .	1.7	10
17	Separating Design Optimization Problems Into Decision-Based Design Processes. Journal of Mechanical Design, Transactions of the ASME, 2009, 131, .	1.7	9
18	Disseminating Emergency Preparedness Planning Models as Automatically Generated Custom Spreadsheets. Interfaces, 2008, 38, 263-270.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Embracing Computer Modeling to Address Pandemic Influenza in the 21st Century. Journal of Public Health Management and Practice, 2006, 12, 365-372.	0.7	32
20	Decision-Making Systems in Production Scheduling. , 2006, , 91-108.		4
21	Montgomery County's Public Health Service Uses Operations Research to Plan Emergency Mass Dispensing and Vaccination Clinics. Interfaces, 2006, 36, 569-579.	1.6	72
22	Rescheduling Strategies, Policies, and Methods. , 2006, , 135-148.		16
23	New Directions in Design for Manufacturing. , 2004, , 853.		28
24	Cost and production analysis for substrates with embedded passives. Circuit World, 2004, 30, 25-30.	0.7	4
25	Rescheduling Manufacturing Systems: A Framework of Strategies, Policies, and Methods. Journal of Scheduling, 2003, 6, 39-62.	1.3	647
26	Reducing throughput time during product design. Journal of Manufacturing Systems, 2001, 20, 416-428.	7.6	23
27	Predicting the performance of rescheduling strategies for parallel machine systems. Journal of Manufacturing Systems, 2000, 19, 256-266.	7.6	63
28	Analytical models to predict the performance of a single-machine system under periodic and event-driven rescheduling strategies. International Journal of Production Research, 2000, 38, 1899-1915.	4.9	69
29	A generative approach for concurrent manufacturability evaluation and subcontractor selection. Journal of Manufacturing Systems, 1999, 18, 383-395.	7.6	26
30	Solving a Class Scheduling Problem with a Genetic Algorithm. ORSA Journal on Computing, 1995, 7, 443-452.	1.7	31
31	A Classification of Static Scheduling Problems. , 1993, , 203-253.		14