

Steffen Straßburger

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

363
citations

1684188

5
h-index

1720034

7
g-index

34
all docs

34
docs citations

34
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	DISTRIBUTED MANUFACTURING SIMULATION AS AN ENABLING TECHNOLOGY FOR THE DIGITAL FACTORY. Journal of Advanced Manufacturing Systems, 2003, 02, 111-126.	1.0	30
2	Future trends in distributed simulation and distributed virtual environments: Results of a peer study. , 2008, , .		30
3	On the use of artificial neural networks in simulation-based manufacturing control. Journal of Simulation, 2014, 8, 76-90.	1.5	29
4	Emulation of control strategies through machine learning in manufacturing simulations. Journal of Simulation, 2017, 11, 38-50.	1.5	28
5	Knowledge Discovery in Manufacturing Simulations. , 2015, , .		27
6	Initialization of simulation models using CMSD. , 2011, , .		21
7	Scalability in distributed simulations of agent-based models. , 2009, , .		15
8	Approximation of dispatching rules for manufacturing simulation using data mining methods. , 2015, , .		14
9	Visual analytics of manufacturing simulation data. , 2015, , .		14
10	Commercial-Off-The-Shelf Simulation Package interoperability: Issues and futures. , 2009, , .		13
11	Distributed computing and modeling & simulation: Speeding up simulations and creating large models. , 2011, , .		13
12	Panel: distributed simulation in industry - a real-world necessity or ivory tower fancy?. , 2007, , .		12
13	Temporally parallel coupling of discrete simulation systems with virtual reality systems. , 2005, , .		10
14	Knowledge discovery in simulation data: A case study of a gold mining facility. , 2016, , .		9
15	Online Analysis of Simulation Data with Stream-based Data Mining. , 2017, , .		8
16	The Road to COTS-Interoperability: From Generic HLA-Interfaces Towards Plug-and-Play Capabilities. , 2006, , .		7
17	Guidelines for commercial off-the-shelf Simulation Package interoperability. , 2008, , .		7
18	The siso CSPI PDG standard for commercial off-the-shelf simulation package interoperability reference models. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
19	Applying CSPI reference models for factory planning. , 2007, , .		5
20	Improving simulation through advanced computing techniques: Grid computing and simulation interoperability. , 2010, , .		5
21	Model generation in SLX using CMSD and XML stylesheet transformations. , 2012, , .		5
22	A review of literature on simulation-based optimization of the energy efficiency in production. , 2016, , .		4
23	Knowledge discovery and robustness analysis in manufacturing simulations. , 2017, , .		4
24	Automatic generation of route networks for microscopic traffic simulations. , 2014, , .		3
25	Management of HLA-based distributed legacy SLX-models. , 2008, , .		2
26	HLA-based optimistic synchronization with SLX. , 2015, , .		1
27	A Method Using Generative Adversarial Networks for Robustness Optimization. ACM Transactions on Modeling and Computer Simulation, 2022, 32, 1-22.	0.8	1
28	Clarifying Interoperability: The SISO CSPI PDG Standard for Commercial Off-The-Shelf Simulation Package Interoperability Reference Models. , 2008, , .		0
29	A new web based method for distribution of simulation experiments based on the CMSD standard. , 2012, , .		0
30	Towards HLA-based Optimistic Synchronization with CSPs. , 2015, , .		0
31	Virtual Engineering für die Automobilindustrie. ZWF Zeitschrift fuer Wirtschaftlichen Fabrikbetrieb, 2005, 100, 507-509.	0.3	0