

Dirk Gorissen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

613
citations

1477746

6
h-index

1199166

12
g-index

20
all docs

20
docs citations

20
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Value-Based Decision Environment: Vision and Application. Journal of Aircraft, 2014, 51, 1360-1372.	1.7	13
2	The SUMO toolbox: A tool for automatic regression modeling and active learning. , 2013, , .		1
3	Toward Value-Driven Design of a Small, Low-Cost UAV. , 2012, , .		3
4	A Software Framework for Automated Behavioral Modeling of Electronic Devices [Application Notes]. IEEE Microwave Magazine, 2012, 13, 102-118.	0.7	5
5	The Challenges of using Value-Driven Design for practical design of UAVs. Journal of Aerospace Operations, 2012, 1, 377-386.	0.1	2
6	An alternative approach to avoid overfitting for surrogate models. , 2011, , .		11
7	A Novel Hybrid Sequential Design Strategy for Global Surrogate Modeling of Computer Experiments. SIAM Journal of Scientific Computing, 2011, 33, 1948-1974.	1.3	158
8	Evolutionary Neuro-Space Mapping Technique for Modeling of Nonlinear Microwave Devices. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 213-229.	2.9	159
9	Automatic surrogate model type selection during the optimization of expensive black-box problems. , 2011, , .		13
10	Multiobjective global surrogate modeling, dealing with the 5-percent problem. Engineering With Computers, 2010, 26, 81-98.	3.5	45
11	Surrogate Modeling of Low Noise Amplifiers Based on Transistor Level Simulations. Mathematics in Industry, 2010, , 225-232.	0.1	5
12	Sequential modeling of a low noise amplifier with neural networks and active learning. Neural Computing and Applications, 2009, 18, 485-494.	3.2	69
13	A novel sequential design strategy for global surrogate modeling. , 2009, , .		69
14	Grid-Enabled Adaptive Metamodeling and Active Learning for Computer Based Design. Lecture Notes in Computer Science, 2009, , 266-269.	1.0	2
15	Pareto-Based Multi-output Model Type Selection. Lecture Notes in Computer Science, 2009, , 442-449.	1.0	2
16	Pareto-Based Multi-output Metamodeling with Active Learning. Communications in Computer and Information Science, 2009, , 389-400.	0.4	6
17	Automatic model type selection with heterogeneous evolution: An application to RF circuit block modeling. , 2008, , .		17
18	Grid Enabled Sequential Design and Adaptive Metamodeling. , 2006, , .		13

#	ARTICLE	IF	CITATIONS
19	Adaptive Distributed Metamodeling., 2006, , 579-588.		15